BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080677-EI FLORIDA POWER & LIGHT COMPANY

IN RE: PETITION FOR RATE INCREASE BY FLORIDA POWER & LIGHT COMPANY

FPL WITNESS KIM OUSDAHL

EXHIBIT KO-8:

FPL'S 2009 DISMANTLEMENT STUDY

VOLUME 1 OF 2

DOCUMENT NUMBER - CATE

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Florida Power & Light Company

Fossil Dismantlement Studies

Cape Canaveral Cutler DeSoto Solar Fort Lauderdale Fort Myers Manatee Martin Port Everglades Putnam Riviera Sanford Scherer St Johns River Turkey Point St. Lucie Wind West County

2009 Filing

DOCUMENT NUMBER-DATE 02283 MAR 17.8 FPSC-COMMISSION CLERK

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| Prop | oosed Enti | ries to | Effect | Dismantle | ement Res | erve R | eallocations |
|------|------------|---------|---------|-----------|-----------|--------|--------------|
| per | Theoretica | l Rese | erve An | alysis | | | |

| | | Proposed Jour | rnal Entries | |
|-----------------------|----------------|---------------------------|---------------------|----------|
| Sites/Units [a] | Account [b] | Debit Site Reserve [c] | Credit Site Reserve | |
| Cape Canaveral | K | | <u>}_</u> | |
| Common | 311 | | 44,271 | |
| Unit 1 | 311 | 743,512 | | |
| Unit 2 | 311 | 579,670 | | |
| Cutler | | | | |
| Unit 5 | 311 | | 56,089 | |
| Unit 6 | 311 | | 101,393 | |
| Manatee | | | | |
| Unit 1 | 311 | | 248.117 | |
| Unit 2 | 311 | | 242,869 | |
| Common [see note (1)] | 311 | | 325,536 | |
| Martin | | | | |
| Unit 1 | 311 | | 76,332 | |
| Unit 2 | 311 | | 76,253 | |
| Common [see note (1)] | 311 | | 287,067 | |
| Port Everglades | | | | |
| Unit 1 | 311 | | 466,734 | |
| Unit 2 | 311 | | 594,596 | |
| Unit 3 | 311 | | 48,557 | |
| Unit 4 | 311 | | 10,406 | |
| Common | 311 | | 390,359 | |
| | | | | |
| Riviera | | | | |
| Unit 3 | 311 | 1,377,997 | | |
| Unit 4 | 311 | 1,359,383 | | |
| Common | 311 | 647,231 | | |
| Sanford | | | | |
| Unit 3 | 311 | | 41,712 | |
| Scherer | | | | |
| Common 1 -4 | 311 | | 301,302 | |
| Scherer Common 3 & 4 | 311 | | 30,602 | |
| Scherer Unit 4 | 311 | | 504,968 | |
| | | | DOCUMENT NUM | BER-DATE |
| | | 1 | 02283 | MAR 17 8 |

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| | | Proposed Journal Entries | | | |
|------------------------------|----------------|---------------------------|----------------------------|--|--|
| Sites/Units [a] | Account [b] | Debit Site Reserve [c] | Credit Site Reserve [d] | | |
| St. Johns River | | | | | |
| Unit 1 | 311 | | 96,372 | | |
| Unit 2 | 311 | | 95,795 | | |
| Common | 311 | | 111,812 | | |
| Coal & Limestone Eq | 311 | | 50,981 | | |
| Gypsum & Ash Eq | 311 | | 11,591 | | |
| Turkey Point | | | | | |
| Unit 1 | 311 | | 126,360 | | |
| Unit 2 | 311 | | 121,664 | | |
| Common | 311 | | 246,056 | | |
| Subtotals for Steam Function | | 4,707,793 | 4,707,793 | | |

Proposed Entries to Effect Dismantlement Reserve Reallocations per Theoretical Reserve Analysis

.

Note (1) Some of the Dismantlement Reserve for Martin and Manatee sites is assigned to the combined cycle units in the Other Production function.

Dismantlement Methodology

Controlled dismantlement: In which heavy steel structures and above ground steel are removed by a method that involves pre-cutting key members, lowering them carefully to ground, where they are cut for sale as scrap. This approach is consistent with safety and preservation of equipment.

Dismantlement Study Methodology

Site specific, unit specific cost estimate. The calculation of the removal cost is based on application of a crew labor rate per hour to productivity factors for removal per ton or cubic yard of material. This removal rate is then applied to the weight or volume of material in each line of the equipment inventory. Disposal cost is based on the tipping fees and dumpster charges available at a landfill near the site. Salvage values are obtained from scrap dealers and published data about scrap values. The oil tank costs for soil remediation, tank cleaning and removal are obtained from FPL's Power Generation Division.

Inflation indices from Global Insight are used to inflate the current cost to the expected future amount that will be needed to pay for the dismantlement. The annuity of accruals required to permit recovery of the future cost over the estimated service life of the unit is calculated and the first four years' average is the accrual for the unit. The total of the accruals by unit is the annual dismantlement accrual.

Contingency Calculation

The contingency factor of 16% was calculated using a weighting of assigned estimates on a site by site basis. In Docket 941343-EI, FPSC Staff requested FPL to review the contingency percentage, using to the extent possible, specific contingency factors from the AIF/NESP-036 report that would be applicable to fossil dismantlement activities. The average contingency factor resulting from this review was 16%. This percentage was used to calculate dismantlement accruals approved in Order No. PSC-95-1532-FOF-EI. Review of the contingency factor indicates that it continues to be appropriate and is used in these studies.

Florida Power & Light Company Fossil Dismantlement Study as of 12/31/09 Current and Proposed Annual Accruals by Site

| <u>Plant Sites</u> | Per Docket No. 070378-El Order No. PSC-08-0095-PAA-El Annual Accrual | Proposed Annual Accrual effective 1/1/2010 | /(Decrease) in Annual Dismantlement Accrual |
|----------------------------|--|--|--|
| Cape Canaveral | 434,779 | 247,429 | (187,350) |
| Cutler | 216,262 | 378,739 | 162,477 |
| Fort Lauderdale | 985,269 | 1,522,432 | 537,163 |
| Ft. Myers | 1,161,985 | 1,562,493 | 400,508 |
| Manatee | 2,255,726 | 3,129,773 | 874,047 |
| Martin | . 2,327,547 | 3,152,079 | 824,532 |
| Port Everglades | 2,566,987 | 2,989,896 | 422,909 |
| Putnam | 339,106 | 447,269 | 108,163 |
| Riviera | 321,232 | 143,408 | (177,824) |
| Sanford | 1,374,909 | 1,769,892 | 394,983 |
| Scherer | 1,755,506 | 1,994,347 | 238,841 |
| St. Johns River Power Park | 807,788 | 1,061,974 | 254,186 |
| Turkey Point | 774,017 | 1,280,458 | 506,441 |
| Martin Solar | 0 | 355,867 | 355,867 |
| West County Energy Center | 0 | 1,398,705 | 1,398,705 |
| St. Lucie Wind Turbines | 0 | 22,169 | 22,169 |
| Space Coast Solar | 0 | 36,944 | 36,944 |
| DeSoto Solar | 0 | 73,704 | 73,704 |
| Total | 15,321,113 | 21,567,578 | 6,246,465 |

| [1] Total increase in fossil dismantlement accrual: | 6,246,465 |
|--|-----------|
| Less accrual for solar units recovered through clause | 466,515 |
| Increase In Cost of Service due to increase in non-solar dismantlement accrual | 5,779,950 |

Fiorida Power & Light Company Fossil Dismantlement Study Calculation of Jurisdictional Amounts for 2010 2009 Dismantlement Study

| | 2010 Jurisdictional Factor | <u>0.98036379</u> | | |
|-------------------|---|---|--|--|
| <u>Site/Units</u> | Dismantlement Cost in Current Doilars | Jurisdictional Dismantlement Cost in Current Dollars | Dismantlement Cost in Future Dollar s | Jurisdictional Dismantiement Cost in Future Dollars |
| Cape Canaveral | 9 540 007 | 0.050.540 | 0 000 040 | 0 000 007 |
| Common | 4 292 470 | 0,302,04U | 8,809,349 | 8,030,307 |
| Unit 2 | 3,839,532 | 3,764,138 | 4,044,777 | 3,965,353 |
| <u>Cutler</u> | | | | |
| Unit 5 | 4,220,622 | 4,137,745 | 6,684,781 | 6,553,517 |
| Unit 6 | 6,204,181 | 6,082,354 | 9,789,331 | 9,597,106 |
| Fort Lauderdale | 44,000,000 | | | |
| Unit 4 | 14,029,089 | 13,753,611 | 20,902,809 | 20,492,357 |
| Unit 5 | 11,103,919 | 10,885,880 | 16,491,818 | 16,167,981 |
| Gas Turbines | 391,527 | 383,839 | /18,2/9 | 704,175 |
| Fort Myers | | | | |
| Common | 10,997,050 | 10,781,110 | 18,959,900 | 18,587,599 |
| Unit 2 | 11,529,584 | 11,303,187 | 23,658,535 | 23,193,971 |
| Unit 3 | 4,391,197 | 4,304,971 | 9,934,389 | 9,739,315 |
| Gas Turbines | 2,680,709 | 2,628,070 | 4,568,937 | 4,479,220 |
| <u>Manatee</u> | | | | |
| Common | 28,350,851 | 27,794,148 | 47,355,249 | 46,425,371 |
| | 15,036,059 | 14,740,808 | 24,351,407 | 23,873,238 |
| Unit 2 | 15,030,059 | 14,740,808 | 24,351,407 | 23,873,238 |
| Onits | 0,090,045 | 0,004,304 | 15,493,447 | 15,189,214 |
| <u>Martin</u> | | | | |
| Common | 35,014,591 | 34,327,037 | 57,188,327 | 56,065,365 |
| Unit 1 | 10,537,015 | 10,330,108 | 17,768,360 | 17,419,457 |
| Unit 2 | 10,537,015 | 10,330,108 | 17,768,360 | 17,419,457 |
| Unit 3 | 4,701,360 | 4,609,043 | 8,269,714 | 8,107,328 |
| Unit 4 | 2,940,050 | 2,882,319 | 5,764,977 | 5,651,775 |
| Unit 8 | 6,098,960 | 5,979,200 | 14,760,407 | 14,470,569 |
| Solar | 7,058,465 | 6,919,863 | 20,516,579 | 20,113,711 |
| Port Everglades | | | | |
| Common | 17,189,907 | 16,852,362 | 24,422,119 | 23,942,561 |
| Unit 1 | 14,577,805 | 14,291,552 | 22,826,431 | 22,378,206 |
| Unit 2 | 14,577,805 | 14,291,552 | 22,826,431 | 22,378,206 |
| Unit 3 | 7,286,170 | 7,143,097 | 12,012,961 | 11,777,072 |
| Unit 4 | 7,286,170 | 7,143,097 | 12,012,961 | 11,777,072 |
| Gas lurbines | 231,672 | 227,123 | 634,488 | 622,029 |
| Putnam | 0 400 670 | 0.040.007 | | |
| Common | 9,402,070 | 9,218,037 | 14,135,246 | 13,857,683 |
| Linit 2 | 072,090 872 006 | 004,971 954 074 | 1,029,201 | 1,597,268 |
| VIII Z | 012,030 | 004.87 | 1.023.20 | 1.397.208 |

Florida Power & Light Company Fossil Dismantlement Study Calculation of Jurisdictional Amounts for 2010 2009 Dismantlement Study

| - | 2010 Jurisdictional Factor | <u>0.98036379</u> | | |
|------------------------------|---|---|--|--|
| <u>Site/Units</u> | Dismantlement Cost in Current Dollars | Jurisdictionai Dismantlement Cost in Current Dollars | Dismantiement Cost in Future Dollar s | Jurisdictional Dismantlement Cost in Future Dollars |
| Division | | | | |
| | 8 285 082 | 9 103 077 | 0 755 006 | 0 593 075 |
| | 0,200,902 | 0,120,211 | 0,/00,600 | 0,003,070 0,045,004 |
| Unit 4 | 3,392,123 | 3,320,017 | 3,000,320 | 3,010,901 |
| Onit 4 | 3,392,120 | 3,320,017 | 3,068,320 | 3,615,901 |
| <u>Sanford</u> | | | | |
| Common | 10,258,950 | 10,057,503 | 16,635,554 | 16,308,895 |
| Unit 3 | 4,956,922 | 4,859,587 | 8,039,649 | 7,881,781 |
| Unit 4 | 10,232,708 | 10,031,776 | 20,969,748 | 20.557.982 |
| Unit 5 | 10,232,708 | 10,031,776 | 20,412,805 | 20,011,975 |
| Saharan | | | | |
| Common Units 1 4 | 94 049 445 | 04 544 570 | 40.004.000 | 40.040.007 |
| Common Units 2 4 | 21,942,440 | 21,011,079 | 40,821,202 | 40,019,687 |
| | 2,790,004 | 2,741,904 | 4,974,074 | 4,876,990 |
| Unit 4 | 19,000,011 | 18,032,413 | 40,254,548 | 39,464,101 |
| <u>SJRPP</u> | | | | |
| Common | 11,454,955 | 11,230,023 | 18.933.518 | 18.561.735 |
| Unit 1 | 4,975,132 | 4,877,439 | 10,197,559 | 9,997,318 |
| Unit 2 | 4,975,132 | 4,877,439 | 10,197,559 | 9.997.318 |
| Ash Handling Equipment | 722,833 | 708.639 | 1.292.874 | 1,267,487 |
| Limestone Handling Equipment | 2,674,923 | 2,622,398 | 5,095,012 | 4,994,965 |
| Turkey Belet | | | | |
| | 0.044.774 | 0 740 408 | 40 400 070 | 47 000 550 |
| | 3,344,//4 1 510 670 | 8,148,480 | 18,190,870 | 17,839,552 |
| | 4,042,072 | 4,403,471 | 7,965,792 | 7,809,374 |
| | 4,042,072 | 4,403,471 | 7,905,792 | 7,809,374 |
| Unit 5 | 0,790,278 | 0,001,844 | 17,138,452 | 16,801,918 |
| West County Energy Center | | | | |
| Common, Units 1 & 2 | 18,030,079 | 17.676.037 | 46.073.781 | 45,169,067 |
| Unit 3 | 4,677,734 | 4,585,881 | 14,651.093 | 14.363.401 |
| | | | • • | |
| <u>DeSoto Solar</u> | 1,365,069 | 1,338,264 | 3,608,338 | 3,537,484 |
| Space Coast Solar | 724,875 | 710,641 | 1,565,713 | 1,534,968 |
| St. Lucie Wind Turbines | 584,770 | 573,287 | 1,242,066 | 1,217,677 |
| Totals | 467,000,745 | 426,284,665 | 827,156,182 | 810,913,970 |

Florida Power & Light Company Fossil Dismantlement Study Calculation of Jurisdictional Amounts for 2011 2009 Dismantlement Study

2011

| | Jurisdictional | | | |
|-----------------|-----------------|-----------------|---------------|------------------------|
| | Factor | 0.98067024 | , | |
| - | | | | |
| | | | | |
| | . | Jurisdictional | . | Jurisdictional |
| | | Dismantiement | Dismantlement | Dismantlement |
| ©14- /1 1 14- | Cost in Current | Cost in Current | | Cost in Future |
| Site/Units | Dollars | Dollars | Dollars | Dollars |
| | 8 510 827 | 9 366 464 | 9 900 240 | 9 630 066 |
| Common | A 292 A70 | 4 200,101 | 0,009,349 | 0,039,000 |
| Unit 2 | 7,200,779 | 3 765 315 | 4,010,707 | 4,423,373 2,066,502 |
| Offic 2 | 0,003,002 | 0,100,010 | 4,044,777 | 3,300,032 |
| Cutier | | | | |
| Unit 5 | 4,220,622 | 4,139,038 | 6 684 781 | 6 555 566 |
| Unit 6 | 6.204.181 | 6 084 256 | 9 789 331 | 9 600 106 |
| •••••• | | 0,000,1200 | 0,100,000 | 0,0001.00 |
| Fort Lauderdale | | | | |
| Unit 4 | 14,029,089 | 13,757,910 | 20,902,809 | 20,498,763 |
| Unit 5 | 11,103,919 | 10,889,283 | 16,491,818 | 16,173,035 |
| Gas Turbines | 391,527 | 383,959 | 718,279 | 704,395 |
| | | | | |
| Fort Myers | | | | |
| Common | 10,997,050 | 10,784,480 | 18,959,900 | 18,593,410 |
| Unit 2 | 11,529,584 | 11,306,720 | 23,658,535 | 23,201,221 |
| Unit 3 | 4,391,197 | 4,306,316 | 9,934,389 | 9,742,360 |
| Gas Turbines | 2,680,709 | 2,628,892 | 4,568,937 | 4,480,621 |
| | | | | |
| <u>Manatee</u> | | | | |
| Common | 28,350,851 | 27,802,836 | 47,355,249 | 46,439,883 |
| Unit 1 | 15,036,059 | 14,745,416 | 24,351,407 | 23,880,700 |
| Unit 2 | 15,036,059 | 14,745,416 | 24,351,407 | 23,880,700 |
| Unit 3 | 6,695,845 | 6,566,416 | 15,493,447 | 15,193,962 |
| | | | | |
| <u>Martin</u> | | | | |
| Common | 35,014,591 | 34,337,767 | 57,188,327 | 56,082,890 |
| Unit 1 | 10,537,015 | 10,333,337 | 17,768,360 | 17,424,902 |
| Unit 2 | 10,537,015 | 10,333,337 | 17,768,360 | 17,424,902 |
| Unit 3 | 4,701,360 | 4,610,484 | 8,269,714 | 8,109,862 |
| Unit 4 | 2,940,050 | 2,883,220 | 5,764,977 | 5,653,541 |
| Unit 8 | 6,098,960 | 5,981,069 | 14,760,407 | 14,475,092 |
| Solar | 7,058,465 | 6,922,027 | 20,516,579 | 20,119,998 |
| Dort Everninden | | | | |
| | 17 190 007 | 46 057 620 | 94 400 440 | 00 050 045 |
| | 14 577 805 | 10,007,000 | 24,422,118 | 23,900,040 |
| Unit 2 | 14,577,805 | 14,290,020 | 22,020,431 | 22,303,202 |
| Linit 3 | 7 286 170 | 7 145 330 | 12 012 061 | 11 780 752 |
| Unit 4 | 7 286 170 | 7,145,330 | 12,012,501 | 11 790 753 |
| Gas Turbines | 231 672 | 227 104 | 634 489 | 11,100,103 200 003 |
| | 201,012 | 461,10 4 | 007,700 | 022,223 |
| Putnam | | | | |
| Common | 9.402.670 | 9.220.919 | 14,135,246 | 13,862,015 |
| Unit 1 | 872.096 | 855.239 | 1.629.261 | 1.597.768 |
| Unit 2 | 872,096 | 855.239 | 1.629.261 | 1,597,768 |

Florida Power & Light Company Fossil Dismantlement Study Calculation of Jurisdictional Amounts for 2011 2009 Dismantlement Study

| | 2011 Jurisdictional | | | |
|------------------------------|---|---|--|--|
| - | Factor | 0.98067024 | | |
| <u>Site/Units</u> | Dismantlement Cost in Current Dollars | Jurisdictional Dismantlement Cost in Current Dollars | Dismantiement Cost in Future Dollars | Jurisdictional Dismantiement Cost in Future Dollars |
| | · •· · | | | |
| <u>Rivlera</u> | | | | |
| Common | 8,285,982 | 8,125,816 | 8,755,806 | 8,586,558 |
| Unit 3 | 3,392,125 | 3,326,556 | 3,688,326 | 3,617,032 |
| Unit 4 | 3,392,125 | 3,326,556 | 3,688,326 | 3,617,032 |
| Sanford | | | | |
| Common | 10,258,950 | 10,060,647 | 16,635,554 | 16,313,993 |
| Unit 3 | 4,956,922 | 4,861,106 | 8,039,649 | 7,884,245 |
| Unit 4 | 10,232,708 | 10,034,912 | 20,969,748 | 20,564,408 |
| Unit 5 | 10,232,708 | 10,034,912 | 20,412,805 | 20,018,230 |
| <u>Scherer</u> | | | | |
| Common - Units 1 - 4 | 21,942,445 | 21,518,303 | 40,821,262 | 40,032,197 |
| Common - Units 3 - 4 | 2,796,884 | 2,742,821 | 4,974,674 | 4,878,515 |
| Unit 4 | 19,005,611 | 18,638,237 | 40,254,548 | 39,476,437 |
| <u>SJRPP</u> | | | | |
| Common | 11,454,955 | 11,233,533 | 18,933,518 | 18,567,538 |
| Unit 1 | 4,975,132 | 4,878,964 | 10,197,559 | 10,000,443 |
| Unit 2 | 4,975,132 | 4,878,964 | 10,197,559 | 10,000,443 |
| Ash Handling Equipment | 722,833 | 708,861 | 1,292,874 | 1,267,883 |
| Limestone Handling Equipment | 2,674,923 | 2,623,217 | 5,095,012 | 4,996,527 |
| <u>Turkey Point</u> | | | | |
| Common | 9,944,774 | 9,752,544 | 18,196,870 | 17,845,129 |
| Unit 1 | 4,542,672 | 4,454,863 | 7,965,792 | 7,811,815 |
| Unit 2 | 4,542,672 | 4,454,863 | 7,965,792 | 7,811,815 |
| Unit 5 | 6,795,278 | 6,663,927 | 17,138,452 | 16,807,170 |
| West County Energy Center | | | | |
| Common, Units 1 & 2 | 18,030,079 | 17,681,562 | 46,073,781 | 45,183,186 |
| Unit 3 | 4,677,734 | 4,587,315 | 14,651,093 | 14,367,891 |
| DeSoto Solar | 1,365,069 | 1,338,683 | 3,608,338 | 3,538,590 |
| Space Coast Solar | 724,875 | 710,863 | 1,565,713 | 1,535,448 |
| St. Lucie Wind Turbines | 584,770 | 573,467 | 1,242,066 | 1,218,057 |
| Totais | 467,000,745 | 426,417,917 | 827,156,182 | 811,167,452 |

Florida Power & Light Company Fossil Dismantlement Study 2009 Filing Escalation Factors

Global Insight (formerly DRI) Inflation Rates August, 2008

| | Compensa | tion per | Producer F | fice | | | | |
|------|---------------|------------|-----------------|-------------|-------------------------|-------------|----------------|------------|
| | Hour (Non | Farm | Index (Inte | mediate | | | METAL & | |
| | Business 8 | lector) | (Materials) | | GDP Deflator (Implicit) | | METAL PRODUCTS | |
| | ANNEIAI | COMPOUNDED | I ANNUAI | COMPOUNDED | ANNUA1 | COMPOUNDED | | COMPOUNDED |
| | | | | | | MUTIPLIER | | MUITIPUER |
| YEAR | | FROM 2000 | | EPOM 2000 | | EDOM 2000 | CHANGE | FROM 2009 |
| | | | | 110041 2005 | | 11(0)(12005 | | |
| 1997 | 3.0% | 1.00000 | -0.1% | 1.000000 | 1.1% | 1.000000 | 0.6% | 1,000000 |
| 1998 | 6.0% | 1.000000 | -2.1% | 1.000000 | 1.1% | 1,00000 | -3.0% | 1.000000 |
| 1999 | 4.7% | 1.000000 | 0.1% | 1.000000 | 1.4% | 1.000000 | -2.4% | 1.000000 |
| 2000 | 7.1% | 1.000000 | 4.9% | 1.000000 | 2.2% | 1.000000 | 2.7% | 1.000000 |
| 2001 | 4.1% | 1,000000 | 0.4% | 1.000000 | 2.4% | 1.000000 | -2.1% | 1.000000 |
| 2002 | 3.6% | 1,00000 | -1.5% | 1.000000 | 1.7% | 1.000000 | 0.4% | 1.000000 |
| 2003 | 4.0% | 1.000000 | 4.6% | 1.000000 | 2.1% | 1.000000 | 2.6% | 1.000000 |
| 2004 | [3.6% | 1.000000 | 6.6% | 1.000000 | 2.9% | 1.000000 | 15.8% | 1.000000 |
| 2005 | 4.0% | 1.000000 | 8.0% | 1.000000 | 3.3% | 1.000000 | 7.5% | 1,000000 |
| 2006 | 3.8% | 1.000000 | 6.4% | 1.000000 | 3.2% | 1.000000 | 12.9% | 1.000000 |
| 2007 | 4.1% | 1.000000 | 4.1% | 1.000000 | 2.7% | 1.000000 | 6.5% | 1.000000 |
| 2008 | 4.2% | 1.000000 | 13.2% | 1.000000 | 2.3% | 1.000000 | 14.4% | 1.000000 |
| 2009 | 3.8% | 1.000000 | 4.1% | 1.000000 | 2.2% | 1.000000 | 4.8% | 1.000000 |
| 2010 | 3.5% | 1.035000 | -0.1% | 0,999000 | 2.0% | 1.020000 | 0.7% | 1.007000 |
| 2011 | 3.6% | 1.072260 | 0.8% | 1.006992 | 2.0% | 1.040400 | 1.5% | 1.022105 |
| 2012 | I 4.0% | 1.115150 | 1.4% | 1.021090 | 2.1% | 1.062248 | I 1.4% | 1.036414 |
| 2013 | 4.1% | 1.160872 | 0.8% | 1.029259 | 2.0% | 1.083493 | 0.4% | 1.040560 |
| 2014 | 4.0% | 1.207306 | 0.4% | 1.033376 | 2.0% | 1,105163 | 0.5% | 1.045763 |
| 2015 | 3.9% | 1.254391 | 0.2% | 1.035442 | 2.0% | 1.127267 | 0.7% | 1.053083 |
| 2016 | 3.9% | 1 303313 | 0.2% | 1 037513 | 2.0% | 1 149812 | 0.5% | 1 058349 |
| 2017 | 1 3 9% | 1 354142 | .01% | 1.036476 | 2.0% | 1 172808 | 0.4% | 1 082582 |
| 2018 | 1 3.0% | 1.408053 | -0.1%s | 1.035430 | 2.0% | 1 108284 | 0.5% | 1 069059 |
| 2010 | 1 3.9% | 1.400419 | -0.1% 0.1% | 1.026475 | 2.0% | 1.100204 | 1 0.3% | 1.000350 |
| 2018 | 1 3.0% | 1.400410 | 0.1% | 1.030475 | j 2.070 0 3.10/ | 1.220150 | 0.376 | 4.072469 |
| 2020 | 3.07ª | 1.515913 | 0.2% | 1.030340 | 2.178 | 1.240010 | 0.476 | 1.070400 |
| 2021 | 1 3.0% | 1.570400 | 0.2% | 1.0406.25 | 2.0% | 1.270730 | 0.1% | 1,077530 |
| 2022 | 1 3.4% | 1.623883 | 0.3% | 1.043/4/ | 1.9% | 1.294874 | 0.1% | 1.078607 |
| 2023 | 3.3% | 1.677471 | 0.5% | 1.048965 | 1.9% | 1.319476 | 0.1% | 1.079686 |
| 2024 | 3.3% | 1.732828 | 0.4% | 1.053161 | 1.9% | 1.344546 | 0.1% | 1.080765 |
| 2025 | 3.3% | 1.790011 | 0.3% | 1.056321 | 1.8% | 1.368748 | 0.1% | 1.081846 |
| 2026 | 3.3% | 1.849081 | 0.2% | 1.058433 | 1.8% | 1,393386 | 0.1% | 1.082928 |
| 2027 | 3.4% | 1.911950 | 0.3% | 1,061609 | 1.9% | 1.419860 | 0.2% | 1.085094 |
| 2028 | 3.3% | 1.975044 | 0.3% | 1.064793 | 1.8% | 1.445417 | 0.1% | 1.086179 |
| 2029 | 3.3% | 2.040221 | 0.2% | 1.066923 | 1.8% | 1.471435 | 0.2% | 1.088351 |
| 2030 | 3.3% | 2.107548 | 0.3% | 1.070124 | 1.8% | 1.497921 | 0.3% | 1.091616 |
| 2031 | 3.2% | 2.174990 | 0.4% | 1.074404 | 1.8% | 1.524883 | 0.4% | 1.095983 |
| 2032 | 3.2% | 2.244589 | 0.3% | 1.077628 | 1.8% | 1.552331 | 0.3% | 1.099271 |
| 2033 | 3.1% | 2.314172 | 0.3% | 1.080860 | 1.7% | 1.578721 | 0.3% | 1.102569 |
| 2034 | 3.2% | 2.388225 | 0.3% | 1.084103 | 1.7% | 1.605559 | 0.3% | 1.105876 |
| 2035 | 3.2% | 2.464648 | 0.3% | 1.087355 | 1.7% | 1.632854 | 0.4% | 1.110300 |
| 2036 | 3.3% | 2.545982 | 0.3% | 1.090617 | 1.7% | 1.660612 | 0.4% | 1.114741 |
| | | | | | | | | |

Global Insight (formerly DRI) Inflation Rates August, 2008

| | Compens | ation per | Producer I | rice | | | | |
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| | Business | Sector) | Materials) | | GDP Deflat | or (Implicit) | METAL PR | ODUCTS |
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| | ANNUAL | COMPOUNDED | j ANNUAL | COMPOUNDED | ANNUAL | COMPOUNDED | , ANNUAL | COMPOUNDED |
| | RATE OF | MULTIPLIER | RATE OF | MULTIPLIER | RATE OF | MULTIPLIER | RATE OF | MULTIPLIER |
| YEAR | CHANGE | FROM 2009 | CHANGE | FROM 2009 | CHANGE | FROM 2009 | CHANGE | FROM 2009 |
| | I | | Ì | | | | | |
| 2037 | 3.3% | 2.629999 | 0.4% | 1.094980 | 1.7% | 1.668842 | 0.5% | 1.120315 |
| 2038 | 3.3% | 2.716789 | 0.5% | 1.100455 | 1.7% | 1.717553 | 0.6% | 1.127037 |
| 2039 | 3.3% | 2.806443 | (0.5% | 1.105957 | 1.7% | 1.746751 | 0.6% | 1.133799 |
| 2040 | 3.3% | 2.899056 | 0.5% | 1.111487 | 1.7% | 1.776446 | 0.6% | 1.140602 |
| 2041 | 3.3% | 2.994725 | 0.5% | 1.117044 | 1.7% | 1.806646 | 0.6% | 1.147445 |
| 2042 | 3.3% | 3.093550 | 0.5% | 1.122629 | 1.7% | 1.837359 | 0.6% | 1.154330 |
| 2043 | 3.3% | 3.195638 | 0.5% | 1.128243 | 1.7% | 1,868594 | 0.6% | 1.161256 |
| 2044 | 3.3% | 3.301094 | 0.5% | 1,133884 | 1.7% | 1.900360 | 0.6% | 1.168223 |
| 2045 | 3.3% | 3.410030 | 0.5% | 1,139553 | 1.7% | 1.932666 | 0.6% | 1.175233 |
| 2046 | 3.3% | 3.522561 | 0.5% | 1.145251 | 1.7% | 1.965521 | 0.6% | 1.182284 |
| 2047 | 3.3% | 3.638805 | 0.5% | 1.150977 | 1.7% | 1.998935 | 0.6% | 1.189378 |
| 2048 | 3.3% | 3.758886 | 0.5% | 1.156732 | 1.7% | 2.032917 | 0.6% | 1.196514 |
| 2049 | 3.3% | 3.882929 | 0.5% | 1.162516 | 1.7% | 2.067477 | 0.6% | 1.203693 |
| 2050 | 3.3% | 4.011066 | 0.5% | 1.168328 | 1.7% | 2.102624 | 0.6% | 1.210915 |
| 2051 | 3.3% | 4,143431 | 0.5% | 1.174170 | 1.7% | 2.138368 | 0.6% | 1.218181 |
| 2052 | 3.3% | 4.280164 | 0.5% | 1.180041 | 1.7% | 2.174720 | 0.6% | 1.225490 |
| 2053 | 3.3% | 4.421409 | 0.5% | 1.185941 | 1.7% | 2.211691 | 0.6% | 1.232843 |
| 2054 | 3.3% | 4.567316 | 0.5% | 1.191871 | 1.7% | 2.249289 | 0.6% | 1.240240 |
| 2055 | 3.3% | 4.718037 | 0.5% | 1.197830 | 1.7% | 2.287527 | 0.6% | 1.247681 |

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| Computation of Annual Accrual | | | | | | | | |
| In Service Year | 1954 | 1955 | 1960 | 1961 | 1964 | 1965 | 1960 | 1971 |
| Plant | CUTLER 5 | CUTLER 6 | PPE 1 | PPE 2 | PPE 3 | PPE 4 | PPE CM | PPE GT |
| Year prior to updating accrual | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 |
| Capital Recovery Year | 2020 | 2020 | 2020 | 2020 | 2020 | 2020 | 2020 | 2020 |
| Cost @ Study | 4,220,622 | 6,204,181 | 14,577,805 | 14,577,805 | 7,286,170 | 7,286,170 | 17,189,907 | 231,672 |
| Future \$ 1st Yr Exp | 1,968,810 | 2,883,677 | 6,726,373 | 6,726,373 | 3,533,165 | 3,533,165 | 7,224,083 | 183,863 |
| Future \$ 2nd Yr Exp | 4,715,971 | 6,905,654 | 16,100,059 | 16,100,059 | 8,479,796 | 8,479,796 | 17,198,036 | 450,625 |
| Total Future \$ Exp | 6,684,781 | 9,789,331 | 22,826,431 | 22,826,431 | 12,012,961 | 12,012,961 | 24,422,119 | 634,488 |
| Less Dismantlement Reserve | 4,816,744 | 6,769,835 | 12,368,117 | 10,578,568 | 9,000,604 | 9,470,499 | 14,697,840 | 328,808 |
| Net Amount to Accrue | 1,868,037 | 3,019,496 | 10,458,314 | 12,247,863 | 3,012,357 | 2,542,462 | 9,724,279 | 305,680 |
| Capital Recovery Years | 11.00 | . 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| | | | | | | | | |
| Annual Accrual 2010 | 135,610 | 219,543 | 762,287 | 892,723 | 214,896 | 181,374 | 743,755 | 17,984 |
| 2011 | 141,439 | 228,904 | 794,280 | 930,191 | 224,932 | 189,845 | 768,101 | 19,629 |
| 2012 | 147,571 | 238,752 | 827,971 | 969,647 | 235,492 | 198,758 | 793,561 | 21,369 |
| 2013 | 154,021 | 249,112 | 863,453 | 1,011,200 | 246,604 | 208,136 | 820,192 | 23,208 |
| | | | | | | | | |
| TOTAL 2010 - 2013 | 578,642 | 936,312 | 3,247,990 | 3,803,762 | 921,924 | 778,113 | 3,125,609 | 82,191 |
| 4 YEAR AVERAGE | 144,661 | 234,078 | 811,997 | 950,940 | 230,481 | 194,528 | 781,402 | 20,548 |
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| Monthly Accrual | \$12,055 | \$19,507 | \$67,666 | \$79,245 | \$19,207 | \$16,211 | \$65,117 | \$1,712 |
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| | Functional Desc | -intion | Proposed Accrual | Current Accrual | tost of Servic | . | | |
| | THE CAULAN LOUP | Fossil | 11.647.155 | 8,966,504 | 2 680 651 | | | |
| | | | | | | | | |
| | Other Production | including Solar | 9.920.422 | 6,354,609 | 3 565 813 | | | |
| | Calorridadead | less Solar | 466.515 | 0,001,000 | 466.515 | | | |
| | Other Production | excluding Solar | 9,453,908 | 6.354.609 | 3,099,299 | | | |
| | | | | | 0,000,200 | | | |
| | Total Proposed Acc | excluding Solar | 21,101,062 | 15.321.113 | 5,779,949 | | ···· | |
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| | 1.655 | Accrual 2007-09 | 15 321 117 | | | | | |
| ······································ | L003 | | 19,941,117 | | | | | · · · · · · |
| | Required Increase in | n Cost of Service | 5 779 945 | | l | | | |
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| Computation of Annual Accrual | | | | | | | | | |
| In Service Year | 1993 | 1993 | 1971 | 2009 | 2009 | 2002 | 2002 | 2003 | 1974 |
| Plant | PFL 4 | PFL 5 | PFL GT | WCEC 1 & 2 & CM | VEST COUNTY U | PFM CM | PFM 2 | PFM 3 | PFM GT |
| Year prior to updating accrual | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 200 |
| Capital Recovery Year | 2020 | 2020 | 2020 | 2034 | 2036 | 2028 | 2027 | 2028 | 2020 |
| Cost @ Study | 14,029,089 | 11,103,919 | 391,527 | 18,030,079 | 4,677,734 | 10,997,050 | 11,529,584 | 4,391,197 | 2,680,70 |
| Future \$ 1st Yr Exp | 6,170,151 | 4,868,289 | 210,443 | 13,541,581 | 4,298,724 | 5,600,039 | 6,963,071 | 2,917,511 | 1,342,08 |
| Future \$ 2nd Yr Exp | 14,732,657 | 11,623,528 | 507,837 | 32,532,200 | 10,352,369 | 13,359,861 | 16,695,464 | 7,016,878 | 3,226,85 |
| Total Future \$ Exp | 20,902,809 | 16,491,818 | 718,279 | 46,073,781 | 14,651,093 | 18,959,900 | 23,658,535 | 9,934,389 | 4,568,93 |
| Less Dismantlement Reserve | 10,341,190 | 8,033,628 | 457,952 | 0 | 0 | 10,093,088 | 5,113,860 | 1,334,204 | 2,985,30 |
| Net Amount to Accrue | 10,561,619 | 8,458,190 | 260,327 | 46,073,781 | 14,651,093 | 8,866,812 | 18,544,675 | 8,600,185 | 1,583,63 |
| Capital Recovery Years | 11.00 | 11.00 | 11.00 | 25.00 | 27.00 | 19.00 | 18.00 | 19.00 | <u>11.</u> |
| | | | | | | | | | |
| Annual Accrual 2010 | 788,875 | 632,503 | 17,682 | 1,125,737 | 0 | 348,757 | 714,642 | 298,390 | 111,13 |
| 2011 | 818,261 | 655,884 | 18,686 | 1,168,756 | 157,171 | 358,946 | 743,777 | 311,495 | 116,6 |
| 2012 | 849,103 | 680,432 | 19,747 | 1,213,492 | 327,817 | 369,562 | 774,169 | 325,190 | 122,5 |
| 2013 | 881,478 | 706,210 | 20,868 | 1,260,016 | 341,831 | 380,623 | 805,877 | 339,499 | 128,6 |
| | | | | | | | | | |
| TOTAL 2010 - 2013 | 3,337,716 | 2,675,029 | 76,982 | 4,768,000 | 826,819 | 1,457,888 | 3,038,466 | 1,274,574 | 479,04 |
| | | | | | | | | | |
| YEAR AVERAGE | 834,429 | 668,757 | 19,246 | 1,192,000 | 206,705 | 364,472 | 759,616 | 318,644 | 119,70 |
| | | | | | ============================= | | | | |
| | | | | | | | | | |
| Monthly Accrual | \$69,536 | \$55,730 | \$1,604 | \$99,333 | \$17,225 | \$30,373 | \$63,301 | \$26,554 | \$9,98 |
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| Computation of Annual Accrual | | | | | | | | | |
| In Service Year | 1965 | 1965 | 1969 | 2010 | 1962 | 1963 | 1946 | 1976 | 1977 |
| Plant | PCC CM | PCC 1 | PCC 2 | Space Cst Solar | PRV 3 | PRV 4 | PRV CM | PMT 1 | PMT 2 |
| Year prior to updating accrual | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 |
| Capital Recovery Year | 2010 | 2010 | 2010 | 2038 | 2011 | 2011 | 2011 | 2020 | 2020 |
| Cost @ Study | 8,519,837 | 4,283,479 | 3,839,532 | 724,875 | 3,392,125 | 3,392,125 | 8,285,982 | 15,036,059 | 15,036,059 |
| Future \$ 1st Yr Exp | 2,602,875 | 1,324,486 | 1,187,571 | 1,565,713 | 1,078,531 | 1,078,531 | 2,581,513 | 7,167,178 | 7,167,178 |
| Future \$ 2nd Yr Exp | 6,206,474 | 3,186,282 | 2,857,206 | 0 | 2,609,795 | 2,609,795 | 6,174,294 | 17,184,229 | 17,184,229 |
| Total Future \$ Exp | 8,809,349 | 4,510,767 | 4,044,777 | 1,565,713 | 3,688,326 | 3,688,326 | 8,755,806 | 24,351,407 | 24,351,407 |
| Less Dismantlement Reserve | 8,018,524 | 4,410,528 | 3,946,124 | 0 | 3,537,782 | 3,534,646 | 8,486,397 | 14,928,569 | 14,857,532 |
| Net Amount to Accrue | 790,825 | 100,239 | 98,653 | 1,565,713 | 150,544 | 153,680 | 269,409 | 9,422,838 | 9,493,875 |
| Capital Recovery Years | 1.00 | 1.00 | 1.00 | 29.00 | 2.00 | 2.00 | 2.00 | 11.00 | 11.00 |
| | | | | | | | | | |
| Annual Accrual 2010 | 790,825 | 100,239 | 98,653 | 35,478 | 73,688 | 75,223 | 132,829 | 678,606 | <u>683,722</u> |
| 2011 | 0 | 0 | 0 | 36,434 | 76,856 | 78,457 | 136,581 | 709,118 | 714,464 |
| 2012 | 0 | 0 | 0 | 37,421 | 0 | 0 | 0 | 741,154 | 746,742 |
| 2013 | 0 | 0 | 0 | 38,443 | 0 | 0 | 0 | 774,795 | 780,636 |
| | | | | | | | | | |
| TOTAL 2010 - 2013 | 790,825 | 100,239 | 98,653 | 147,775 | 150,544 | 153,680 | 269,409 | 2,903,672 | 2,925,563 |
| | | | | | | | | | |
| 4 YEAR AVERAGE | 197,706 | 25,060 | 24,663 | 36,944 | 37,636 | 38,420 | 67,352 | 725,918 | 731,391 |
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| | | | | | | | | A 00 400 | 800.040 |
| Monthly Accrual | \$16,476 | \$2,088 | \$2,055 | \$3,079 | \$3,136 | \$3,202 | \$5,613 | 300,493 | 300,949 |
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| Computation of Annual Accruat | | | | | | | | | |
| In Service Year | 1976 | 2006 | 1976 | 1050 | 2003 | 2002 | 2002 | 1967 | 1968 |
| Plant | PMT CM FOSSIL | PMT 3 | PMT CM CC | SNEORD 3 | SNEORD 4 | SNEORD 5 | SNFORD CM | PTP 1 | PTP 2 |
| Year prior to updating accrual | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 |
| Capital Recovery Year | 2020 | 2030 | 2030 | 2020 | 2028 | 2027 | 2028 | 2020 | 2020 |
| Cost @ Study | 11.522.221 | 6.695.845 | 16.828.630 | 4.956.922 | 10.232.708 | 10,232,708 | 10,258,950 | 4,542,672 | 4,542,672 |
| Future \$ 1st Yr Exp | 4,864,718 | 4,553,021 | 9,123,673 | 2,366,043 | 6,172,085 | 6,011,274 | 4,919,979 | 2,337,777 | 2,337,777 |
| Future \$ 2nd Yr Exp | 11,583,419 | 10,940,426 | 21,783,439 | 5,673,605 | 14,797,663 | 14,401,531 | 11,715,574 | 5,628,015 | 5,628,015 |
| Total Future \$ Exp | 16,448,137 | 15,493,447 | 30,907,112 | 8,039,649 | 20,969,748 | 20,412,805 | 16,635,554 | 7,965,792 | 7,965,792 |
| Less Dismantlement Reserve | 7,960,513 | 5,695,165 | 12,379,562 | 6,029,214 | 3,870,509 | 4,529,594 | 9,536,876 | 4,614,088 | 4,645,413 |
| Net Amount to Accrue | 8,487,624 | 9,798,282 | 18,527,550 | 2,010,435 | 17,099,239 | 15,883,211 | 7,098,678 | 3,351,704 | 3,320,379 |
| Capital Recovery Years | 11.00 | 21.00 | 21.00 | 11.00 | 19.00 | 18.00 | 19.00 | 11.00 | 11.00 |
| | | | | | | | | | |
| Annual Accrual 2010 | 649,406 | 303,383 | 638,581 | 144,531 | . 622,229 | 619,814 | 287,262 | 233,204 | 231,024 |
| 2011 | 670,889 | 315,735 | 657,373 | 151,058 | 646,205 | 644,091 | 294,698 | 245,402 | 243,108 |
| 2012 | 693,268 | 328,599 | 676,888 | 157,919 | 671,191 | 669,409 | 302,449 | 258,228 | 255,815 |
| 2013 | 716,585 | 341,997 | 697,155 | 165,133 | 697,233 | 695,816 | 310,529 | 271,717 | 269,177 |
| | | | <u></u> | <u> </u> | | | | | |
| TOTAL 2010 - 2013 | 2,730,148 | 1,289,713 | 2,669,997 | 618,640 | 2,636,858 | 2,629,130 | 1,194,938 | 1,008,550 | 999,124 |
| | | | | • | | | | | |
| 4 YEAR AVERAGE | 682,537 | 322,428 | 667,499 | 154,660 | 659,214 | 657,283 | 298,735 | 252,138 | 249,781 |
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| | | | | | | | | | |
| Monthly Accrual | \$56,878 | \$26,869 | \$55,625 | \$12,888 | \$54,935 | \$54,774 | \$24,895 | \$21,011 | \$20,815 |
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| Computation of Annual Accrual | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
|--|------------|--|-----------------------|-------------------|---------------------------------------|---------------------------------------|-----------|---------------------------------------|---------------------------------------|
| In Service Year | 1967 | 2007 | 1980 | 1981 | 1980 | 1004 | 1004 | 2001 | 1980 |
| Plant | PTP CM | PTP 5 | MARTIN 1 | MARTIN 2 | MARTIN LI1/2 CON | MARTIN 3 | MARTIN 4 | MARTIN 8 | MARTIN COM |
| Year prior to updating accrual | 2009 | 2007 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 |
| Capital Recovery Year | 2032 | 2032 | 2020 | 2020 | 2020 | 2020 | 2020 | 2030 | 2030 |
| Cost @ Study | 9,944,774 | 6,795,278 | 10,537,015 | 10,537,015 | 15,779,350 | 4,701,360 | 2,940,050 | 6,098,960 | 19,235,241 |
| Future \$ 1st Yr Exp | 5,374,848 | 5,035,159 | 5,221,633 | 5,221,633 | 6,661,622 | 2,426,687 | 1,685,637 | 4,334,665 | 10,231,019 |
| Future \$ 2nd Yr Exp | 12,822,022 | 12,103,293 | 12,546,727 | 12,546,727 | 15,867,099 | 5,843,027 | 4,079,340 | 10,425,742 | 24,428,586 |
| Total Future \$ Exp | 18,196,870 | 17,138,452 | 17,768,360 | 17,768,360 | 22,528,722 | 8,269,714 | 5,764,977 | 14,760,407 | 34,659,605 |
| Less Dismantlement Reserve | 8,450,685 | 982,169 | 11,856,074 | 11,731,844 | 12,474,802 | 4,322,196 | 2,898,437 | 3,611,757 | 18,509,416 |
| Net Amount to Accrue | 9,746,185 | 16,156,283 | 5,912,286 | 6,036,516 | 10,053,920 | 3,947,518 | 2,866,540 | 11,148,650 | 16,150,189 |
| Capital Recovery Years | 23.00 | 25.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 21.00 | 21.00 |
| | | | | | | | | | |
| Annual Accrual 2010 | 305,705 | 432,366 | 417,732 | 426,510 | 767,533 | 274,215 | 190,431 | 323,779 | 558,928 |
| 2011 | 313,846 | 450,508 | 438,109 | 447,314 | 792,999 | 288,641 | 202,334 | 339,447 | 574,869 |
| 2012 | 322,285 | 469,385 | 459,552 | 469,208 | 819,617 | 303,816 | 214,872 | 355,767 | 591,463 |
| 2013 | 331,036 | 489,027 | 482,119 | 492,249 | 847,444 | <u>319,780</u> | 228,082 | 372,766 | 608,736 |
| | | | <u> </u> | | | | | | |
| TOTAL 2010 - 2013 | 1,272,872 | 1,841,285 | 1,797,512 | 1,835,281 | 3,227,594 | 1,186,453 | 835,719 | 1,391,759 | 2,333,996 |
| | | | | | | | | | |
| 4 YEAR AVERAGE | 318,218 | 460,321 | 449,378 | 458,820 | 806,899 | 296,613 | 208,930 | 347,940 | 583,499 |
| | | | | | | | | | |
| Monthly Agencel | \$00 E40 | £29.200 | £27 449 | £20.025 | fc7 343 | £04.74P | \$17.414 | F29.005 | \$49 G25 |
| | \$20,310 | 430,300 | | \$30, <u>2</u> 30 | 307,242 | ą <u>24,710</u> | \$17,411 | | 440,023 |
| 0 | | | | | | | | | |
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|--------------------------------|--------------|-----------|------------|-----------|--------------|--------------|------------|------------|------------|
| Computation of Annual Accrual | · | | | | · | | | | |
| In Service Year | 2009 | 1978 | 1977 | 1977 | 2009 | 2009 | 1987 | 1988 | 1987 |
| Plant | MARTIN SOLAR | PUTNAM 1 | PUTNAM COM | PUTNAM 2 | DESOTO SOLAF | St. Lucie WT | SJRPP 1 | SJRPP 2 | SJRPP COM |
| Year prior to updating accrual | 2009 | -2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 | 2009 |
| Capital Recovery Year | 2039 | 2020 | 2020 | 2020 | 2039 | 2034 | 2028 | 2028 | 2028 |
| Cost @ Study | 7,058,465 | 872,096 | 9,402,670 | 872,096 | 1,365,069 | 584,770 | 4.975.132 | 4.975.132 | 11.454.955 |
| Future \$ 1st Yr Exp | 6,027,445 | 477,116 | 4,171,478 | 477,116 | 1.061.223 | 366,196 | 3.001.539 | 3.001.539 | 5.597.571 |
| Future \$ 2nd Yr Exp | 14,489,134 | 1,152,145 | 9,963,768 | 1,152,145 | 2,547,115 | 875,871 | 7,196,020 | 7,196,020 | 13.335.946 |
| Total Future \$ Exp | 20,516,579 | 1,629,261 | 14,135,246 | 1,629,261 | 3,608,338 | 1,242,066 | 10,197,559 | 10,197,559 | 18,933,518 |
| Less Dismantlement Reserve | 0 | 999,997 | 9,625,017 | 1,009,062 | 0 | C | 4,176,509 | 4,066,121 | 8,437,202 |
| Net Amount to Accrue | 20,516,579 | 629,264 | 4,510,229 | 620,199 | 3,608,338 | 1,242,066 | 6,021,050 | 6,131,438 | 10,496,316 |
| Capital Recovery Years | 30.00 | 11.00 | 11.00 | 11.00 | 30.00 | 25.00 | 19.00 | 19.00 | 19.00 |
| | | | | | | | | | |
| Annual Accrual 2010 | 191,160 | 42,606 | 335,197 | 41,992 | 70,146 | 0 | 219,160 | 223,178 | 421,234 |
| 2011 | 396,172 | 45,083 | 347,975 | 44,434 | 72,457 | 17,097 | 227,605 | 231,778 | 432,575 |
| 2012 | 410,577 | 47,693 | 361,406 | 47,006 | 74,858 | 35,245 | 236,405 | 240,740 | 444,388 |
| 2013 | 425,558 | 50,442 | 375,525 | 49,715 | 77,355 | 36,336 | 245,576 | 250,078 | 456,697 |
| | | | | | | | | | · |
| TOTAL 2010 - 2013 | 1,423,468 | 185,824 | 1,420,102 | 183,147 | 294,816 | 88,677 | 928,746 | 945,773 | 1,754,894 |
| | | - <u></u> | | | | | | | |
| 4 YEAR AVERAGE | 355,867 | 46,456 | 355,026 | 45,787 | 73,704 | 22,169 | 232,187 | 236,443 | 438,724 |
| | | | | | | | | | |
| | | | | | | | | | |
| Monthly Accrual | \$29,656 | \$3,871 | \$29,585 | \$3,816 | \$6,142 | \$1,847 | \$19,349 | \$19,704 | \$36,560 |
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| Computation of Annual Accrual | | | | | | |
| In Service Year | 1989 | 1988 | 1989 | 1989 | 1989 | |
| Plant | _ SJRPP C&L | SJRPP ASH&G | SCHERER CMN | SCHERER 3&4 | SCHERER 4 | ALL PLANTS |
| Year prior to updating accrual | 2009 | 2009 | 2009 | 2009 | 2009 | #N/A |
| Capital Recovery Year | 2028 | 2028 | 2029 | 2029 | 2029 | #N/A |
| Cost @ Study | 2,674,923 | 722,833 | 21,942,445 | 2,796,884 | 19,005,611 | 467,000,745 |
| Future \$ 1st Yr Exp | 1,502,082 | 381,777 | 12,039,992 | 1,469,953 | 11,844,232 | 244,743,487 |
| Future \$ 2nd Yr Exp | 3,592,931 | 911,098 | 28,781,270 | 3,504,720 | 28,410,316 | 582,412,699 |
| Total Future \$ Exp | 5,095,012 | 1,292,874 | 40,821,262 | 4,974,674 | 40,254,548 | 827,156,186 |
| Less Dismantlement Reserve | 1,989,636 | 522,955 | 16,077,411 | 2,076,010 | 13,623,252 | 364,811,826 |
| Net Amount to Accrue | 3,105,376 | 769,919 | 24,743,851 | 2,898,664 | 26,631,296 | 462,344,360 |
| Capital Recovery Years | 19.00 | 19.00 | 20.00 | 20.00 | 20.00 | |
| | | | | | | |
| Annual Accrual 2010 | 116,989 | 29,963 | 886,139 | 107,305 | 899,503 | 20,000,301 |
| 2011 | 121,033 | 30,896 | 914,202 | 110,444 | 933,995 | 21,041,258 |
| 2012 | 125,242 | 31,865 | 943,478 | 113,698 | 969,987 | 21,742,797 |
| 2013 | 129,623 | 32,870 | 974,019 | 117,071 | 1,007,547 | 22,599,692 |
| TOTAL 0010 0010 | 400 000 | 405 504 | 2 747 020 | 449 549 | 2 844 022 | P6 270 209 |
| TOTAL 2010 - 2013 | 492,888 | 125,594 | 3,717,838 | 440,010 | 3,011,032 | 00,270,300 |
| | 123 222 | 31 398 | 929 459 | 112 130 | 952.758 | 21,567,577 |
| | 120,222 | | | | | |
| | | | | | | |
| Monthly Accruai | \$10,268 | \$2.617 | \$77.455 | \$9,344 | \$79,397 | \$1,797,298 |
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Docket No. 080677-EI FPL's 2009 Dismantlement Study Exhibit No. KO-8, Page 20 of 423

Future Dismantlement Expenditures by Year per Dismantlement Study Filed March, 2009 by Florida Power & Light

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| | Projected |
|-------|---------------|
| | Dismantlement |
| Year | Expenditures |
| 2010 | 5,114,932 |
| 2011 | 16,988,537 |
| 2012 | 11,393,884 |
| 2025 | 97,954,068 |
| 2026 | 234,553,362 |
| 2027 | 0 |
| 2028 | 0 |
| 2029 | 0 |
| 2030 | 0 |
| 2031 | 0 |
| 2032 | 12,974,345 |
| 2033 | 64,191,117 |
| 2034 | 104,476,168 |
| 2035 | 88,938,684 |
| 2036 | 67,578,193 |
| 2037 | 10,410,007 |
| 2038 | 26,491,028 |
| 2039 | 13,907,777 |
| 2040 | 33,408,071 |
| 2041 | 4,298,724 |
| 2042 | 10,352,369 |
| 2044 | 7,088,668 |
| 2045 | 17,036,249 |
| Total | 827,156,183 |

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Reconciliation of Changes in Dismantlement Accrual (Approved in Docket 070378-El, per Order Number PSC-08-0095-PAA-El) and Dismantlement Accrual Proposed in 2009 Filing.

| Description | Amount |
|---|--------|
| Currently approved dismantlement accrual (from 2007 filing): | \$15.3 |
| Effect of Updating for Aug 2008 GI Inflation rates: | (1.0) |
| Current accrual adjusted for change in inflation rates per Global Insight | 14.3 |
| Estimated effect of updates for new rates for: Burial Costs | 0.2 |
| Labor Costs | 3.7 |
| Fuel Oil Tank Removal Costs | 1.1 |
| Economic Recovery Date Changes at PCC and PRV | (0.3) |
| Other e.g., Seeding & Grading/Site Management, etc. | 0.6 |
| Change in Salvage value of scrap metal | 0 |
| Proposed Accrual related to existing plants: | 19.6 |
| Effect on Dismantlement Accrual of new sites not included in 2007 filing West County Energy Center Units 1 and 2 & Common [in-service 2009]: | 1.2 |
| New Solar Units [in-service in 2009 and 2010] | 0.4 |
| Effect on (4 year average) Accrual of WCEC Unit 3 [in-service 2011] | 0.2 |
| Effect on (4 year average) Accrual of 6 wind turbines [in-service in 2011] | 0,1 |
| Annual Dismantlement Accrual Adjusted for New Units: | 21.5 |
| Less amount to be recovered through ECRC clauses | 0.4 |
| Proposed Dismantlement Accrual (through rates) for Years 2010 - 2013: | \$21.1 |
| Required Increase in Cost of Service | \$5.8 |

Cape Canaveral Plant

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| Description | Page Numbers |
|--|--------------|
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| Summary of Dismantlement Costs | 3 |
| Summary of Costs for Inflation Projection | 4 |
| Dismantlement Assumptions | 5-6 |
| Dismantlement Activities | 7 - 9 |
| Development of Cost Factors | 10 - 14 |
| Removal/Disposal/Salvage Detail Calculations | 15 - 22 |

Cape Canaveral Plant

The Cape Canaveral Plant is located on an 81.6-acre site in Brevard County on the west bank of the Indian River. This site is approximately 8 miles north of the city of Cocoa, Florida. There are two generating units, a switchyard, and related facilities for a commercial generating station. The original Bechtel Corporation plant design for Units No. 1 and 2 was for oil-fired operation with provisions for future conversion to natural gas or coal. The units have a once through cooling system using the Indian River for both intake and discharge. The two units have a combined nameplate rating of 804 megawatts. Units No. 1 and 2 went into commercial operation during 1965 and 1969, respectively. For purposes of this study, the economic recovery dates for these units are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Unit 1: | 2010 |
| Unit 2: | 2010 |
| Common: | 2010 |

The dismantlement of the plants is assumed to begin immediately on their removal from service to accommodate the modernization schedule.

The units are normally fueled by natural gas, but alternatively can be operated by #6 heavy oil. Fuel oil is provided primarily through pipeline, but can also be fed from barges or ships via the Indian River. Florida Gas Transmission is connected to the Metering Station on the site providing fuel gas. Emission control is effected through mechanical collectors and through use of low sulfur fuel.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Cape Canaveral Units in Docket No. 070378-EI; Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The accruals became effective as of January 1, 2007.

Space Coast Solar Energy Center

Space Coast Solar Energy Center is located at the NASA Kennedy Space Center (NASA-KSC) near Cape Canaveral, Florida. The 10 MW facility is expected to go in-service by the end of 2009 and will be a photovoltaic (PV) power plant. The NASA Kennedy Space Center and Florida Power & Light have entered into a lease for property encompassing about 60 acres, for the purpose of developing and operating this PV facility to generate renewable energy for use and distribution by both FPL and NASA-KSC.

Due to the early stage of construction of the Space Coast solar station, the equipment list and related information used for the development of its dismantlement calculation is not, at this point, definitive and will be need to be updated and improved upon in future dismantlement studies.

Space Coast Solar Energy Center (continued)

This filing is the first time that Florida Power & Light has requested dismantlement accruals for the Space Coast Solar Energy Center.

The economic recovery date of this solar energy station is 2038, which is the end of Florida Power & Light's lease. The lease requires that dismantlement of the facility is to be completed within 180 days of July 31st, 2038, the lease expiration date.

CAPE CANAVERAL SUMMARY OF DISMANTLEMENT COSTS

| FERC | | Removal Cost | Disposal Cost | Salvage Value | Total |
|---------|---|-------------------|------------------|------------------|-------------------|
| Account | Description | <u>(</u> A) | (B) | (C) | (D)=(A + B - C) |
| | Cape Canaveral Common Production Plant | | | | |
| 311 | Structures and Improvements | 418,053 | 2,122,538 | 342,258 | 2,198,333 |
| 312 | Boiler Plant Equipment | 0 | 0 | 0 | 0 |
| 314 | Accessory Electrical Equipment | 8 186 | 0 | 19 080 | (10.894) |
| 316 | Miscellaneous Equipment | 0,120 | ő | 0 | (10,004) D |
| | Subtotal | 426,238 | 2,122,538 | 361,338 | 2,187,438 |
| | | | | | |
| | Other Site Costs: Site Management Examples | 947 476 | | | 947 478 |
| | Asbestos Abatement Costs | 047,470 10.000 | | | 047,470 10.000 |
| | Other Site Contamination & Special Waste | 475,848 | | | 475.848 |
| | Intake & Discharge Backfill | 88,256 | | | 88,256 |
| | Grading & Seeding | 2,613,056 | | | 2,613,056 |
| | Subtotal | 4,034,636 | 0 | 0 | 4,034,636 |
| | Total Common excluding M&S | 4 460 874 | 2 100 538 | 361 338 | B 222 074 |
| | Contingency - 16% | 713,740 | 339,606 | 351,555 | 1.053.346 |
| | Total Cape Canaveral Common | 5,174,614 | 2,462,144 | 361,338 | 7,275,420 |
| | | | _ | | |
| | Unusable M&S Inventory | 1,073,222 | 0 | 107,322 | 965,900 |
| | Total Common Including Onusable Mas | 0,247,030 | 2,402,144 | 400,000 | 8,241,320 |
| | <u>Cape Canaveral Unit 1</u> | | | | |
| 311 | Structures and Improvements | 1,290,536 | 432,498 | 318,476 | 1.404,558 |
| 312 | Boiler Plant Equipment | 2,637,779 | 400,125 | 981,889 | 2,056,015 |
| 314 | Turbogenerator Units | 885,796 | 133,262 | 1,182,592 | (163,534) |
| 315 | Accessory Electrical Equipment | 351,002 | 73,593 | 21,062 | (100,971) |
| 310 | Subtotal | 5 222,852 | 1 039 478 | 3.096.226 | 3 166 104 |
| | Contingency - 16% | 835,656 | 166,317 | | 1,001,973 |
| | Total Cape Canaveral Unit 1 | 6,058,508 | 1,205,795 | 3,096,226 | 4,168,077 |
| | | | | | |
| 311 | <u>Cape Canaveral Unit 2</u> Structures and Improvements | 1 033 581 | 423 992 | 217 010 | 1 240 562 |
| 312 | Boiler Plant Equipment | 2.377.145 | 384.041 | 882,476 | 1,878,710 |
| 314 | Turbogenerator Units | 915,356 | 137,396 | 1,155,635 | (102,883) |
| 315 | Accessory Electrical Equipment | 347,952 | 68,094 | 607,044 | (190,998) |
| 316 | Miscellaneous Equipment | 3,256 | 0 | 775 | 2,481 |
| | Subtotal | 4,677,290 | 1,013,523 | 2,862,940 | 2,827,873 |
| | Conlingency - 16% | 748,366 | 162,164 | 2 862 940 | 3 738 403 |
| | | 0,420,001 | 1,173,060 | 2,002,340 | 0,100,400 |
| | Total Fossil Dismantlement Costs | 17,732,001 | 4,843,625 | 6,427,827 | 16,147,799 |
| | Space Coast Solar | | | | |
| 343 | Prime Movers | 342,976 | 44,239 | 77,377 | 309,838 |
| 345 | Accessory Electrical Equipment | 6,564 | 0 | 7,992 | (1,429) |
| | Subtotal | 349,540 | 44,239 | 85,369 | 308,409 |
| | Space Coast Solar Unit | 405.466 | 51.317 | 85,369 | 371,414 |
| | ···· | , | | | |
| | Other Site Costs: Site Management Expenses [six months] | 282,492 | | | 282,492 |
| | Contingency - 16% | 0 | | | 0 |
| | | 282,492 | | | 282,492 |
| | Comingency - 10% | 327 601 | 0 | 0 | 40,189 327 601 |
| | | 027,001 | ~ | 5 | 527,031 |
| | Total Cost Space Coast Solar | 733,157 | 51,317 | 85,369 | 699,104 |
| | - | | | | |

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CAPE CANAVERAL DISMANTLEMENT COST FOR INFLATION PROJECTION

| | Material & | | | |
|-----------|---|--|---|---|
| Labor | Equipment | Burial | Salvage | Total |
| (A) | (8) | (C). | <u>(D)</u> | <u>(A) + (B) + (C) - (D)</u> |
| 3,104,768 | 3,143,067 | 2,462,144 | 468,660 | 8,241,319 |
| 3,635,105 | 2,423,403 | 1,205,795 | 3,096,226 | 4,168,077 |
| 3,255,394 | 2,170,263 | 1,175,686 | 2,862,940 | 3,738,403 |
| 9,995,267 | 7,738,733 | 4,843,625 | 6,427,827 | 16,147,798 |
| 439,894 | 293,263 | 51,317 | 85,369 | 689,104 |
| | Labor (A) 3,104,768 3,835,105 3,255,394 9,995,287 439,894 | Material & Labor Equipment (A) (B) 3,104,768 3,143,067 3,635,105 2,423,403 3,255,394 2,170,263 9,995,267 7,736,733 439,894 293,263 | Material & Labor Equipment Buriat (A) (B) (C). 3,104,768 3,143,067 2,462,144 3,635,105 2,423,403 1,205,795 3,255,394 2,170,263 1,175,686 0,995,287 7,736,733 4,843,625 439,894 293,263 61,317 | Material & Labor Equipment Buriai Salvage (A) (B) (C) (D) 3,104,768 3,143,067 2,462,144 468,660 3,635,105 2,423,403 1,205,795 3,096,226 3,255,394 2,170,263 1,175,686 2,862,940 9,995,287 7,738,733 4,843,625 6,427,827 439,894 293,263 51,317 85,369 |

Labor is 60% of Removal Cost from Summary of Dismantlement Costs. Material & Equipment Is 40% of Removal Cost from Summary of Dismantlement Costs. Burial is 100% of Disposal Cost from Summary of Dismantlement Costs. Salvage is 100% of Salvage from Summary of Dismantlement Costs.

CAPE CANAVERAL DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits.
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

An expandable grout will be used to remove the turbine pedestals. The chimneys will be control-blasted,

Scrap will be unprepared i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. The contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages of this dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

CAPE CANAVERAL DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However, the dismantlement cost of substation equipment is not included in this study so as to avoid duplicating recovery of expense already included in the net salvage factor of the substation plant accounts' depreciation rates.

The dismantlement of the plants is assumed to begin immediately on their removal from service to accommodate the modernization schedule. The economic recovery dates for Cape Canaveral units are as follows:

| <u>Units</u> | Economic Recovery Date |
|--------------|------------------------|
| Unit 1 | 2010 |
| Unit 2 | 2010 |
| Common Plant | 2010 |

Asbestos at Cape Canaveral plant has been almost completely abated. FPL's Environmental Department recently had a survey done of asbestos at our production plants. It was determined that a minimal amount of asbestos insulation is in use at Cape Canaveral. It is estimated that the cost of abating this small quantity of asbestos is \$10,000.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DISMANTLING ACTIVITIES: SOLAR UNITS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, equipment foundations, substructures, support buildings. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.
- Remove top soil/gravel, backfill, and remove foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Cape Canaveral Plant. The net salvage value of the demolition is the net of the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$38.69 | х | 6 | | = | \$232.13 |
|---|---------|----------|---|---|---|----------------------------|
| Foreman | \$49.12 | Х | 1 | | = | \$49.12 |
| Heavy Equipment Operator Total Cost per hour of 8 man crew | \$46.81 | х | 1 | | = | <u>\$46.81</u> \$328.05 |
| Cost per man hour | | \$328.05 | 1 | 8 | = | \$41.01 |

Equipment Rate

The equipment rate is based on the following equipment:

| | Crane/Excavato Front End Load Cutting Equipm Total per moni | or Ier ent th | | | 34,370.00 6,824.90 <u>231.51</u> 41,426.41 |
|--|--|------------------------|-----|-----------------------|---|
| | 41,426.4 1 | 1 | 176 | hours per month = | 235.38 |
| Cost per mar Plus: amour Total Cost pe | n hour nt for small tools er man hour | | | \$235.38 / 8 = | \$29.42 1.00 \$30.42 |

CAPE CANAVERAL DISMANTLEMENT STUDY

Equipment & Labor Summary

| Labor Equipment Total | \$41.01 <u>30.42</u> \$71.43 |
|--|------------------------------------|
| Rounded | \$71.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$76.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from the Cape Canaveral site are as follows:

| Components | Hourly Rate | Productivity Factor | Removal Factor |
|------------------------|-------------|----------------------------|----------------|
| Extra Heavy Steel (1) | \$71.00 | 2.50 MH / Ton | \$177.50 / Ton |
| Heavy Steel (2) | \$71.00 | 3.30 MH / Ton | \$234.30 / Ton |
| General Steel | \$71.00 | 4.40 MH / Ton | \$312.40 / Ton |
| Light Steel | \$71.00 | 7.10 MH / Ton | \$504.10 / Ton |
| Concrete | \$76.00 | 0.48 MH / CY | \$36.48 / CY |
| Reinforced Concrete | \$76.00 | 1.20 MH / CY | \$91.20 / CY |
| Copper-Elect. Cable & | | | |
| Generator Leads & | \$71.00 | 12.00 MH / Ton | \$852.00 / Ton |
| Copper - Generator | \$71.00 | 9.80 MH / Ton | \$695.80 / Ton |
| Copper - Transformer | \$71.00 | 7.40 MH / Ton | \$525.40 / Ton |
| General Insulation | \$71.00 | 1.00 MH / CY | \$71.00 / CY |
| Inground Pipe-Metal(3) | \$71.00 | 6.00 MH / Ton | \$426.00 / Ton |
| Concrete Pipe | \$76.00 | 4.60 MH / Ton | \$349.60 / CY |

(1) Includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Brevard County Landfill. Concrete and calcium silicated insulation are non-hazardous wastes. The tipping fee of \$23.66 per ton and the dumpster charge of \$442.05 per haul for a 20 cubic yard (3 tons deductible) and \$498.09 per haul for a 30 cubic yard (4 tons deductible).

CAPE CANAVERAL DISMANTLEMENT STUDY

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system and are located appropriately in the detailed spreadsheets.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Truck Cost | \$442.05 | / haul | Х | 1 haul | = | \$442.05 |
|-----------------------------|------------|---------|---------------|-----------|---|---------------|
| Tipping Fees | \$23.66 | / ton | Х | 27.5 tons | = | \$650.65 |
| Total Cost per round Trip | | | | | • | \$1,092.70 |
| Cost per Cubic Yard | \$1,092.70 | / 15.38 | cubic yards = | | | \$71.05 |
| Plus 10% contractor profit | | | | | | <u>\$7.10</u> |
| Total Cost per Cubic Yard | | | | | | \$78.15 |
| Rounded Cost per Cubic Yard | | | | | | \$78.00 |

Insulation - Calcium Silicate (Non-Hazardous)

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds or .060750 tons. 30 cubic yards times .060750 tons/cubic yard = 1.82 tons.

| Truck Cost | \$498.09 | / haul | Х | 1 haul | = . | \$498.09 |
|-----------------------------|----------|----------|-------------|-----------|-----|----------|
| Tipping Fees | \$23.66 | / ton | Х | 0.00 tons | = | \$0.00 |
| Total Cost per round Trip | | | | | _ | \$498.09 |
| Cost per Cubic Yard | \$498.09 | / 27 cub | oic yards = | | | \$18.45 |
| Plus 10% contractor profit | | | • | | | \$1.84 |
| Total Cost per Cubic Yard | | | | | _ | \$20.29 |
| Rounded Cost per Cubic Yard | | | | | _ | \$20.00 |

CAPE CANAVERAL DISMANTLEMENT STUDY

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by published data and conversations with scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month. These expenses are assumed to be incurred over the 18 month dismantlement period assumed for the Cape Canaveral Plant. NASA-KSC site is to be dismantled within 180 days of lease expiration. FPL's management costs include administration, engineering, permit costs, etc. Contractors' expenses include field management supervision, security, etc.

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-----------|
| Number of months | 18 |
| Total Site Management Expenses | \$847,476 |
Intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115. Cape Canaveral has two Intakes and no Discharges.

| | Cost/Structure | Quantity | Totals |
|-----------|----------------|----------|----------|
| Intake | \$44,128 | 2 | \$88,256 |
| Discharge | \$35,115 | 0 | \$0 |
| | | | \$88,256 |

Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,578 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Cape Canaveral Acreage to be graded and seeded | 41.10 |
|--|-------------|
| Cost Factor | \$63,578 |
| Total Grading and Seeding Expense | \$2,613,056 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Cape Canaveral, the following cost estimates have been identified:

| Description | Amount |
|---------------------------|-----------|
| Asbestos | \$10,000 |
| Lead in paint | 300 |
| Basins Clean Out/Material | 50,000 |
| Special Waste | 94,145 |
| Tanks/Washwater | 106,053 |
| Soil/Other Contamination | 225,350 |
| Total | \$485,848 |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per item | Disposal Cost per Unit of Measure | Total Disposal Cost Per Item | Salvage Value per Unit of Measure | Realizable Salvage Value per Item |
|--|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------------------|--|--|
| CAPE CANAVERAL COMMON | | | | | | | | | |
| FERC Account 311 | | | | | | | | | |
| Dock | CY | 1 | 180.00 | 36.48 | 6,566 | 78.00 | 14,040 | 0.00 | 0 |
| Hose Handling Structure | TN | 1 | 1.37 | 312.40 | 428 | 0.00 | 0 | 120.00 | 164 |
| Fuel Oil Storage Tank (268,000 b | TN | 3 | 2,406.00 | n/a | 153,408 | 0.00 | 0 | 120.00 | 288,720 |
| Cleaning Fuel Oil Storage Tanks | | | | n/a | 0 | n/a | 1,500,000 | 0.00 | 0 |
| Remove Sand Base - Fuel Oil Ston | agelanks | | | n/a | 0 | nva | 346,656 | 0.00 | 0 |
| Light Oil Tank 142 bbls | | | | n/a | 6,818 | 0.00 | 0 | 0.00 | 0 |
| Cleaning Light Oil Tank Soil Remediation - Light Oil Tank | | | | n/a n/a | n/a n/a | n/a n/a | 6,109 4,673 | n/a n/a | 0 0 |
| Demolition of Concrete Foundation | | | | n/a | n/a | n/a | 11,391 | n/a | 0 |
| Water Treatment Area Stab | CY | 1 | 267.00 | 91.20 | 24,350 | 78.00 | 20,826 | 0.00 | 0 |
| Water Treatment Equipment | TN | 1 | 54.00 | 312.40 | 16,870 | 0.00 | 0 | 120.00 | 6,480 |
| Railroad | TN | 1 | 193.72 | 234.30 | 45,389 | 0.00 | 0 | 120.00 | 23,246 |
| Concrete Pavement | CY | 1 | 2,800.00 | 36.48 | 102,144 | 78.00 | 218,400 | 0.00 | 0 |
| Septic Tank | CY | 1 | 5.68 | 91.20 | 518 | 78.00 | 443 | 0.00 | 0 |
| Sewer System | TN | 1 | 8.15 | 312.40 | 2,546 | 0.00 | 0 | 120.00 | 978 |
| Service Water Tank - Elevated (1 | TN | 1 | 135.09 | 312.40 | 42,202 | 0.00 | 0 | 120.00 | 16,211 |
| Service Water Tank (100,000 gl) | TN | 1 | 16.22 | 312.40 | 5,067 | 0.00 | 0 | 120.00 | 1.946 |
| Elevator | TN | 1 | 37.60 | 312.40 | 11,746 | 0.00 | 0 | 120.00 | 4.512 |
| Total Account 311 | | | | - | 418,053 | | 2,122,538 | | 342,258 |
| FERC Account 315 | | | | | | | | | |
| Startup Transformer | TN | 1 | 9.00 | 504.10 | 4,537 | 0.00 | 0 | 120.00 | 1,080 |
| Transformer Copper | TN | 1 | 3.60 | 525.40 | 1,891 | 0.00 | 0 | 5,000.00 | 18,000 |
| Storage Batteries & Equipment Total Account 315 | TN | 1 | 7.50 | 234.30 | <u>1,757</u> 8,186 | 0.00 | 0 0 | 0.00 | 0 19,080 |
| TOTAL CAPE CANAVERAL COMMO | M | | | - | 426,238 | | 2,122,538 | - | 361,338 |
| CAPE CANAVERAL UNIT 1 FERC Account 311 Improvements to Site Manholes and Catch Basins | Сү | 1 | 10.15 | 36.48 | 370 | 78.00 | 792 | 0.00 | 0 |
| Subtotal | | | | - | 370 | | 792 | | |
| Circulating and Service Water System | | | | | | | | | |
| Piping | ŤΝ | 1 | 476.70 | 312.40 | 148,921 | 0.00 | 0 | 120.00 | 57,204 |
| Intake Coofing Water Pumps | TN | 2 | 201.60 | . 312.40 | 62,980 | 0.00 | 0 | 120.00 | 24,192 |
| Intake Structure - Concrete | CY | 1 | 1,046.00 | 91.20 | 95,395 | 78.00 | 81,588 | 0.00 | 0 |
| Intake & Discharge Structure - Cc | TN | 1 | 854.00 | 312.40 | 266,790 | 0.00 | 0 | 120.00 | 102,480 |
| Wingwalls and Skimmer Walls | CY | 1 | 28.00 | 91.20 | 2,554 | 78.00 | 2,184 | 0.00 | 0 |
| Superstructure | TN | 1 | 37.00 | 234.30 | 8,669 | 0.00 | 0 | 120.00 | 4,440 |
| Discharge Structure - Concrete | CY | 1 | 320.00 | 91.20 | 29,184 | 78.00 | 24,960 | 0.00 | 0 |
| Grills, Screens and Hoists | TN | 2 | 28.20 | 312.40 | 8,810 | 0.00 | | 120.00 | 3,384 |
| Subtotal | | | | | 623,302 | | 108,732 | | 191,700 |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per Item | Disposal Cost per Unit of Méasure | Total Disposal Cost Per Item | Salvage Value per Unit of Measure | Realizabie Salvage Value per Item |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------------------|--|--|
| Station Structures | | | | | | | | | |
| Concrete Pedestal Mat | CY | 1 | 1,152.00 | 91.20 | 105,062 | 78.00 | 89,856 | 0.00 | 0 |
| Structural Steel | TN | 1 | 322.00 | 234.30 | 75,445 | 0.00 | 0 | 120.00 | 38,640 |
| Miscellaneous Steel | TN | 1 | 147,80 | 312.40 | 46,173 | 0.00 | 0 | 120.00 | 17,736 |
| Floors - Concrete | CY | 1 | 1,408.00 | 91.20 | 128,410 | 78.00 | 109,824 | 0.00 | 0 |
| Platforms and Stairs | TN | 1 | 35.00 | 312.40 | 10,934 | 0.00 | 0 | 120.00 | 4,200 |
| Concrete Roof Slabs | CY | 1 | 133,00 | 91.20 | 12,130 | 78.00 | 10,374 | 0.00 | 0 |
| Cranes and Hoists | TN | 1 | 123.00 | 312.40 | 38,425 | 0.00 | 0 | 120.00 | 14,760 |
| Concrete Footings, Piers and Gra Subtotal | CY | 1 | 1,061.00 | 91.20 | 96,763 513,341 | 78.00 | <u>82,758</u> | 0.00 | 0 75,336 |
| Fuel & Ash Structures | | | | | | | | | |
| Ach Water Parme | TN | 2 | 0.62 | 91 20 | 57 | 0.00 | 0 | 120.00 | 74 |
| Ach Dismeat Lines | CY | 1 | 10 70 | 36 AR | 390 | 78.00 | 835 | 0.00 | /4 |
| Coocete | CY | 1 | 103.00 | 91 20 | 9 394 | 78.00 | 8 034 | 0.00 | 0 |
| Fuel Oil Transfer Pumos | TN | 2 | 2 46 | 312.40 | 769 | 0.00 | 0,004 | 120.00 | 295 |
| Fuel Oil Storage Tank Heater | TN | 3 | 31.05 | 312.40 | 9,700 | 0.00 | 0 | 120.00 | 3 726 |
| Fuel Oil Pining | TN | 1 | 394 54 | 312.40 | 123,254 | 0.00 | 0 | 120.00 | 47.345 |
| Fuel Oil Pioing Supports | CY | 1 | 273 00 | 36.48 | 9,959 | 78.00 | 21,294 | 0.00 | 0 |
| Subtotal | | • | | | 153,522 | - | 30,163 | | 51,440 |
| Total Account 311 | | | | - | 1,290,536 | | 432,498 | - | 318,476 |
| FERC Account 312 Boller Plant Equipment Fuel Oil Equipment | | 4 | 50 60 | | 17 045 | 0.00 | | 130.00 | e 073 |
| Cleaning Fuel Oil Metering Tank | | | 50,00 | nta nta | 17,040 | 0.00 | 70 000 | 120.00 | 0,072 |
| Cleaning Fuel OI Metering Tank | | | | nta nta | 35 306 | n/a | 70,000 | iva Na | Ň |
| Fuel Of Metering Tank - Soil Rome | diation | | | n/a | 0 | ก/ล | 14,485 | n/a | 0 |
| Rumer Pumos | TN | 7 | 10.50 | 312 40 | 3,280 | 0.00 | , | 120.00 | 1 260 |
| Concrete Foundations and Firewa | CY | 1 | 929.00 | 91.20 | 84.725 | 78.00 | 72.462 | 0.00 | 1,200 |
| Forced Draft Fans and Motors | TN | 2 | 77.00 | 234.30 | 18.041 | 0.00 | 0 | 120.00 | 9 240 |
| Forced Oraft Fan Air Ducts | TN | 1 | 82.00 | 312.40 | 25.617 | 0.00 | 0 | 120.00 | 9.840 |
| Insulation for ED Ean Air Ducts | CY | 1 | 450.00 | 71.00 | 31,950 | 20.00 | 9.000 | 0.00 | 0 |
| Fuel Oil Pumos | TN | 5 | 40.25 | 312.40 | 12,574 | 0.00 | 0 | 120.00 | 4.830 |
| Fuel Oil Heaters | TN | 30 | 396.00 | 312.40 | 123,710 | 0.00 | 0 | 120.00 | 47,520 |
| Subtotal | | | | - | 352,248 | | 165,947 | - | 78,762 |
| Boiler Equipment | | | | | | | | | |
| Boiler Frame and Platforms | TN | 1 | 1,465.00 | 234.30 | 343,250 | 0.00 | 0 | 120.00 | 175,800 |
| Concrete | CY | 1 | 19.00 | 91.20 | 1,733 | 78.00 | 1,482 | 0.00 | 0 |
| Boiler – including: Drum | TN | 1 | 3,554.00 | 234.30 | 832,702 | 0.00 | 0 | 120.00 | 426,480 |
| Waterwall, Downcomers & Tubes Piping, Valves & Silencers Radiant & Convection Superheate Reheater Economizer Socitheware | M2 | | | | | | | | |
| | CY | 1 | 1 760 00 | 71.00 | 124 060 | 20.00 | 35 200 | 0.00 | |
| Insuration Achastan | CT CV | | 0.00 | 11.00 | 124,900 | 20.00 | 33,200 | 0.00 | 0 |
| Air Preheater | TN | 2 | 540.00 | 234,30 | 126.522 | 0.00 | 0 | 120.00 | 64 800 |

| | | Number of | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value per | Realizable |
|----------------------------------|---------|--------------|-----------|---------------------|-----------|----------------------|---------|----------------------|------------|
| Removal Disposal & Salvage | Unit of | Compo | Linite of | Unit of | Cost | Unit of | Cost | the per | Value per |
| Cost Worksheet | Neasure | nents | Massure | Nessure | Per Hem | Measure | Por Hom | Mossure | tem |
| Subtotal | 100301C | | MEDSUIL | medourc | 1,429,167 | пиларије | 36 682 | | 667.080 |
| | | | | | .,, | | | | |
| Boiler Plant Auxiliaries | | | | | | | | | |
| L.P. Feedwater Heater #1 | TN | 1 | 21.10 | 312.40 | 6,592 | 0.00 | D | 120.00 | 2,532 |
| L.P. Feedwater Heater #2 | TN | 1 | 15.30 | 312.40 | 4,780 | 0.00 | 0 | 120.00 | 1,836 |
| L.P. Feedwater Heater #3 | TN | 1 | 11.85 | 312.40 | 3,702 | 0.00 | 0 | 120.00 | 1,422 |
| L.P. Feedwater Heater #4 | TN | 1 | 15.10 | 312.40 | 4,717 | 0.00 | 0 | 120.00 | 1,812 |
| L.P. Feedwater Heater #5 | TN | 1 | 17.85 | 312.40 | 5,576 | 0.00 | 0 | 120.00 | 2,142 |
| H.P. Feedwater Heater #6 | TN | 1 | 50.95 | 234.30 | 11,938 | 0.00 | 0 | 120.00 | 6,114 |
| H.P. Feedwater Heater #7 | TN | 1 | 67.45 | 234.30 | 15,804 | 0.00 | 0 | 120.00 | 8,094 |
| Boiler Feed Pumps (including mo | TN | 2 | 54.00 | 312.40 | 16,870 | 0.00 | 0 | 120.00 | 6,480 |
| Condensate Storage Tank (150,0 | TN | 1 | 41.25 | 312.40 | 12,887 | 0.00 | 0 | 120.00 | 4,950 |
| Condensate Storage Tank Found | CY | 1 | 105.00 | 91.20 | 9,576 | 78.00 | 8,190 | 0.00 | 0 |
| Condensate Recovery Tank (2,90 | TN | 1 | 2,00 | 312.40 | 625 | 0.00 | 0 | 120.00 | 240 |
| Condensate Recovery Flash Tanl | TN | 1 | 0.50 | 312.40 | 156 | 0.00 | 0 | 120.00 | 60 |
| Condensate Recovery Pump | TN | 1 | 0.09 | 312.40 | 28 | 0.00 | 0 | 120.00 | 11 |
| Boiler Fill Pump | TN | 1 | 0.18 | 312.40 | 56 | 0.00 | 0 | 120.00 | 22 |
| Heater Drain Pump | TN | 1 | 0.65 | 312.40 | 203 | 0.00 | 0 | 120.00 | 78 |
| Biow Down Tank (1,700 gl) | TN | 1 | 1.00 | 312.40 | 312 | 0.00 | 0 | 120.00 | 120 |
| Subtotal | | | | _ | 93,821 | | 8,190 | - | 35,912 |
| Boiler Plant Piping | | | | | | | | | |
| Main Steam Piping | TN | 1 | 115.07 | 312.40 | 35,948 | 0.00 | 0 | 120.00 | 13,808 |
| Hot Reheat Piping | TN | 1 | 78.43 | 312.40 | 24,502 | 0.00 | 0 | 120.00 | 9,412 |
| Cold Reheat Piping | TN | 1 | 87.48 | 312.40 | 27,329 | 0.00 | 0 | 120.00 | 10,498 |
| Extraction Steam Piping | TN | 1 | 36.83 | 312.40 | 11,506 | 0.00 | 0 | 120.00 | 4,420 |
| Boiler Feed Piping | TN | 1 | 118.56 | 312.40 | 37,038 | 0.00 | 0 | 120.00 | 14,227 |
| Air Evacuation Piping | TN | 1 | 21.86 | 312.40 | 6,829 | 0.00 | 0 | 120.00 | 2.623 |
| Saturated Auxiliary Steam Piping | TN | 1 | 131.21 | 312.40 | 40,990 | 0.00 | 0 | 120.00 | 15,745 |
| Service & Cooling Water Piping | TN | 1 | 69.12 | 312.40 | 21,593 | 0.00 | 0 | 120.00 | 8,294 |
| Instrument, Sampling & Control P | TN | 1 | 317.45 | 312.40 | 99,171 | 0.00 | 0 | 120.00 | 38.094 |
| Condensate Piping | TN | 1 | 186.79 | 312.40 | 58,353 | 0.00 | 0 | 120.00 | 22,415 |
| Subtotal | | | | - | 363,259 | | 0 | - | 139,536 |
| | | | | | - | | | | |
| Induced Draft Equipment | | | | | | | ſ | | |
| Stack Breeching | TN | 1 | 110.00 | 234.30 | 25,773 | 0.00 | 0 | 120.00 | 13,200 |
| Stack | CY | 1 | 1,625.00 | 91.20 | 148,200 | 78.00 | 126,750 | 0.00 | o |
| Dust Collectors | TN | 1 | 174.00 | 234.30 | 40,768 | 0.00 | 0 | 120.00 | 20,880 |
| Concrete Stack Foundation | CY | 1 | 802.00 | 91.20 | 73,142 | 78.00 | 62,556 | 0.00 | 0 |
| Subtotal | | | | - | 287,884 | | 189,306 | - | 34,080 |
| | | | | | | | | | |
| Miscellaneous Sleef & Equipment | TN | 1 | 220.99 | 504.10 | 111,401 | 0.00 | 0 | 120.00 | 26,519 |
| Total Account 312 | | | | - | 2,637,779 | | 400,125 | - | 981,889 |
| FERC Account 314 | | | | | | | | | |
| Bedestel Casaria | ~ | | 1 500 00 | 04.00 | 400.445 | 79.00 | | | _ |
| | | | 1,529.00 | 81.20 | 138,440 | 10.00 | 119,262 | 0.00 | 0 |
| Trada Orac attact to the | | 1 | 848.02 | 312.40 | 2,693 | 0.00 | 0 | 120.00 | 1,034 |
| Furbo-Generator Unit | IN | 1 | 048.00 | 177.50 | 115,020 | 0.00 | 0 | 120.00 | 77,760 |
| Turbine Piping | IN | T | 260.00 | 312.40 | 81,224 | 0.00 | 0 | 120.00 | 31,200 |
| | CY | 1 | /00.00 | 71.00 | 49,700 | 20.00 | 14,000 | 0.00 | 0 |
| I Unbine Generator Copper | IN | 1 | 58.50 | 895.80 | 40,704 | 0.00 | 0 | 5,000.00 | 292,500 |

| | | Number | Total | Removal Cost per | Total | Disposal | Total | Salvage | Realizable |
|---|---------|--------|-----------|---------------------|-----------|----------|------------------|---------------------|------------|
| Removal, Disposal & Salvage | Unit of | Compo- | linite of | Linit of | Kemovaj | Linit of | UISPOSAL | value per | Salvage |
| Cost Worksheet | Measure | compo- | Massure | Massura | Per item | Maseura | LOSI: Por Hom | Unit of Managuro | Value per |
| Reinforcing Steel | TN | 1 | 135.50 | 312 40 | 42.330 | 0.00 | | 120.00 | 18.240 |
| Subtotal | | - | | | 471,116 | 1 | 133 262 | 120.00 | 418 754 |
| | | | | | | | 100,202 | | +10,704 |
| Condensers and Auxiliaries | | | | | | | | | |
| Condenser Shell | TN | 1 | 867.50 | 234.30 | 203,255 | 0.00 | 0 | 120.00 | 104 100 |
| Condenser - Atuminum-Brass Tut | TN | 1 | 224.50 | 525.40 | 117,952 | 0.00 | 0 | 2,800.00 | 628.600 |
| Circulating Water Pumps and Mo | TN | 2 | 141.08 | 312.40 | 44,073 | 0.00 | 0 | 120.00 | 16,930 |
| Condensate Pumps and Motors | TN | 2 | 30.16 | 312.40 | 9,422 | 0.00 | 0 | 120.00 | 3,619 |
| Lube Oil Tank (1,900 gl) | TN | 1 | 23.50 | 312.40 | 7,341 | 0.00 | 0 | 120.00 | 2,820 |
| Subtotal | | | | _ | 382,044 | | 0 | - | 756,069 |
| | | | | | | | | | |
| Miscellaneous Steel & Equipment | TN | 1 | 64.74 | 504.10 | 32,635 | 0.00 | 0 | 120.00 | 7,769 |
| | | | | _ | | | | _ | |
| Total Account 314 | | | | | 885,796 | | 133,262 | | 1,182,592 |
| FERC Account 315 | | | | | | | | | |
| Foundations & Structures | | | | | | | | | |
| Equipment Foundations - Concret | CY | 1 | 148.50 | 91 20 | 13 543 | 78.00 | 11 592 | 0.00 | |
| Manholes and Handholes | CY | 1 | 92.00 | 36.48 | 3,356 | 78.00 | 7 178 | 0.00 | 2 |
| Subtotal | | - | | | 16.899 | | 18,759 | 0.00- | |
| | | | | | - | | | | Υ. |
| Power and Conversion Equipment | | | | | | | | | |
| Auxiliary Power Transformer | TN | 1 | 59,40 | 504.10 | 29,944 | 0.00 | o | 120.00 | 7.128 |
| Station Service Transformer | TN | 4 | 16.00 | 504.10 | 8,066 | 0.00 | 0 | 120.00 | 1.920 |
| Transformer Copper | TN | 1 | 32.08 | 525.40 | 16,855 | 0.00 | 0 | 5,000.00 | 160,400 |
| Instrument Transformers | TN | 8 | 4,80 | 504.10 | 2,420 | 0.00 | 0 | 120.00 | 576 |
| Sublotal | | | | | 57,284 | | 0 | - | 170,024 |
| | | | | | | | | | |
| Conduit, Insulators and Conductors | | | | | | | | | - |
| Cable Trays | TN | 1 | 7,88 | 504.10 | 3,972 | 0.00 | 0 | 120.00 | 946 |
| Conduit | TN | 1 | 68,44 | 312.40 | 21,381 | 0.00 | 0 | 120.00 | 8,213 |
| Concrete | CY | 1 | 703,00 | 91.20 | 64,114 | 78.00 | 54,834 | 0.00 | 0 |
| Power Winng | IN | 1 | 192.03 | . 852.00 | 163,610 | 0.00 | 0 | 2,100.00 | 403,263 |
| Subiotal | | | | | 253,076 | | 54,834 | | 412,421 |
| Switching Control and Protection En- | íomoot | | | | | | | | |
| Switchasar - 4 160v Metalolad | TN | 1 | 40.00 | 212 40 | 17.406 | | | 100 00 | |
| Switchoosr - 480v Metalclad | TN | 2 | 36.00 | 312.40 | 11 246 | 0.00 | U O | 120.00 | 4,800 |
| Subtotal | | - | 30.00 | JI2.4V | 23 742 | 0.00 | | 120.00 | 4,320 |
| | | | | | 20,142 | | 0 | | 9,120 |
| Account 315 Total | | | | - | 351.002 | | 73 502 | - | 504 505 |
| | | | | | 001,002 | | 10,080 | | 591,505 |
| FERC Account 316 Miscellaneous Power Plant Equipme | nt | | | | | | | | |
| Compressed Air System | TN ' | 1 | 6.46 | . 504.10 | 3,256 | 0.00 | 0 | 120.00 | 775 |
| Service Air Piping | TN | 1 | 174.40 | 312.40 | 54,483 | 0.00 | ol | 120.00 | 20.928 |
| Total Account 316 | | | | | 57,739 | | 0 | | 21,703 |
| | | | | | | | | | 21,120 |
| | | | | | | | | | |
| TOTAL CAPE CANAVERAL UNIT 1 | | | 1 | | 5,222,852 | | 1,039,478 | - | 3,096,226 |
| | | | | | | | | | |
| | | | | | | | | | |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per Item | Disposal Cost per Unit of Measure | Total Disposal Cost Per Item | Salvage Value per Unit of Measure | Realizable Salvage Value per Item |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------------------|--|--|
| CAPE CANAVERAL UNIT 2 | | | | | | | | | |
| FERC Account 311 | | | | | | 1 | | | |
| Improvements to Site | | | | | | | | | |
| Manholes and Catch Basins | CY | 1 | 15.39 | 36.48 | 561 | 78.00 | 1.200 | 0.00 | 0 |
| Subtotal | | | 1 | | 561 | 1 | 1,200 | •• | |
| Circulating and Service Water System | | | | | | | | | - |
| Piping | TN | 1 | 429 10 | 312 40 | 124 051 | 0.00 | _ | | |
| Intake Cooling Water Pumps | TN | 2 | 4 00 | 312.40 | 1 250 | 0.00 | 0 | 120.00 | 51,492 |
| Intake Structure - Concrete | CY | 1 | 1 102 00 | 91.20 | 100 502 | 0.00 78.00 | 0 | 120.00 | 480 |
| Intake & Discharge Structure - Cc | TN | 1 | 726.00 | 312.40 | 226 802 | 70.00 | 008,03 | 0.00 | 0 |
| Superstructure | TN | 1 | 35.16 | 234.30 | 8 238 | 0.00 | U A | 120.00 | 87,120 |
| Discharge Structure - Concrete | CY | 1 | 327.00 | 91.20 | 29 822 | 78.00 | 25 500 | 120.00 | 4,219 |
| Grills, Screens and Hoists | TN | 2 | 29 | 312.40 | 9 172 | 0.00 | 20,000 | 100.00 | 0 |
| Subtotal | | | | | 509,838 | 0.00 | 111 462 | 120.00 | 3,523 |
| | | | | | | | 111,402 | | 140,034 |
| Station Structures | | | | | | | | | |
| Concrete Pedestal Mat | CY | 1 | 1,091.00 | 91.20 | 99,499 | 78.00 | 85.098 | 0.00 | 0 |
| Structural Steel | TN | 1 | 254.00 | 234.30 | 59,512 | 0.00 | 0 | 120.00 | 30 480 |
| Miscellaneous Steel | TN | 1 | 60.00 | 312.40 | 18,744 | 0.00 | 0 | 120.00 | 7 200 |
| Floors - Concrete | CY | 1 | 1,691.00 | 91.20 | 154,219 | 78.00 | 131,898 | 0.00 | 0 |
| Platforms and Stairs | TN | 1 | 35.00 | 312.40 | 10,934 | 0.00 | 0 | 120.00 | 4.200 |
| Cranes and Hoists | TN | 1 | 123.00 | 312.40 | 38,425 | 0.00 | 0 | 120.00 | 14,760 |
| Concrete Footings, Piers and Gra | CY | 1 | 1,112.00 | 91.20 | 101,414 | 78.00 | 86,736 | 0.00 | 0 |
| Subtotal | | | | | 482,748 | | 303,732 | - | 56,640 |
| Fuel & Ash Structures | | | | | | | | | |
| Ash Water Pumps | TN | 2 | 0.82 | 242.40 | 40.4 | | | | |
| Ash Disposal Lines | CY. | 1 | 17.40 | 312.40 | 194) | 0.00 | 0 | 120.00 | 74 |
| Concrete | CY | | 30.00 | 01.40 | 033 | 78.00 | 1,357 | 0.00 | • 0 |
| Fuel Oil Transfer Pumps | TN | 1 | 1 23 | 312.40 | 2,130 | 70.00 | 2,340 | 0.00 | 0 |
| Fuel Oil Storage Tank Heater | TN | 2 | 20.70 | 312.40 | 8 487 | 0.00 | 0 | 120.00 | 148 |
| Fuel Oil Piping | TN | 1 | 90.25 | 312.40 | 28 194 | 0.00 | 0 | 120.00 | 2,484 |
| Fuel Oil Piping Supports | CY | 1 | 50.00 | . 36.48 | 1 824 | 78.00 | 2 000 | 120.00 | 10,830 |
| Subtotal | | | - | | 40,433 | 10.00 | 7 507 | 0.00_ | 40 500 |
| | | | | | | | 1,001 | | 13,530 |
| Total Account 311 | | | | | 1,033,581 | | 423,992 | | 217.010 |
| | | | | | | | , | | 217,010 |
| FERC Account 312 | | | | | | | | | |
| Boller Plant Equipment | | | 1 | | | | | | |
| Fuel Oil Equipment | - | | | | | | | | |
| Evel Oil Meterice Tech (40 000 b) | IN | 1 | 12.28 | n/a | 6,818 | n/a | 17,846 | 120.00 | 1,474 |
| Cleaning Fuel Oil Metering Tank (12,000 Di | IN | 1 | 50.60 | n/a | 17,045 | n/a | 0 | 120.00 | 6,072 |
| Fuel Oil Metering Tank Foundation | | | 1. | r/a | 0 | n/a | 70,000 | 0.00 | 0 |
| Fuel Oil Metering Tank - Soil Porrow | diation | | | n/a | 35,306 | n/a | 0 | 0.00 | 0 |
| Burner Purnos | TN | 6 | 0.00 | N/A 242.40 | 0 | n/a | 14,485 | 0.00 | 0 |
| Concrete Foundations and Finance | CY | 1 | 555.00 | 01240 | 2,812 | 0.00 | 0 | 120.00 | 1,080 |
| Forced Draft Fans and Motors | TN | 2 | 77.00 | 234.20 | 50,616 | 78.00 | 43,290 | 0.00 | 0 |
| Forced Draft Fan Air Ducts | TN | 1 | 101.00 | 207.00 | 10,041 | 0.00 | 0 | 120.00 | 9,240 |
| Insulation for FD Fan Air Ducts | CY | 1 | 450.00 | 71.00 | 31,002 | 0.00 | 0 | 120.00 | 12,120 |
| Fuel Oil Pumps | TN | 5 | 40.25 | 312.40 | 12 574 | 20.00 | 9,000 | 0.00 | 0 |
| · | | _ | | V12.40 | 12,374 | 0.00 | oj | 120.00 | 4,830 |

| | | Number | | Removal | Total | Disposal | Total | Saivage | Realizable |
|----------------------------------|---------|--------|----------|----------|-----------|----------|------------|-----------|------------|
| | | of | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Per item | Measure | ltern |
| Fuel Oil Heaters | TN | 25 | 275.00 | 312.40 | 85,910 | 0.00 | 0 | 120.00 | 33,000 |
| Subtotal | | |] | | 292,624 | | 154,621 | | 67,816 |
| Boiler Equipment | | | | | | | | | |
| Boiler Frame and Platforms | TN | 1 | 1,471.00 | 234.30 | 344,655 | 0.00 | 0 | 120.00 | 176,520 |
| Boiler - including: | TN | 1 | 3,148.00 | 234.30 | 737,576 | 0.00 | 0 | 120.00 | 377,760 |
| | | | | | | | | | |
| Pieice Value & Silonerr | | | | | | | | | |
| Radiant & Convection Superheater | 5 | | | | | | | | |
| Reheater | • | | | | | | | | |
| Economizer | | | | | | | | | |
| Sootblowers | | | | | | | | | |
| Insulation | CY | 1 | 1,760.00 | 71.00 | 124,960 | 20.00 | 35,200 | 0.00 | 0 |
| Insulation - Asbestos | CY | 0 | 0.00 | 1,250.00 | 0 | 100.00 | 0 | 0.00 | a |
| Air Preheater | TN | 2 | 540.00 | 234.30 | 126,522 | 0.00 | 0 | 120.00 | 64,800 |
| Subtotal | | | | | 1,333,714 | | 35,200 | | 619,080 |
| Boiler Plant Auxiliaries | | | | | | | | | |
| LP. Feedwater Heater #1 | TN | 1 | 21.10 | 312_40 | 6,592 | 0.00 | 0 | 120.00 | 2,532 |
| L.P. Feedwater Heater #2 | TN | 1 | 15.30 | 312.40 | 4,780 | 0.00 | 0 | 120,00 | 1,836 |
| L.P. Feedwater Heater #3 | TN | 1 | 11.85 | 312.40 | 3,702 | 0.00 | 0 | 120.00 | 1,422 |
| L.P. Feedwater Heater #4 | TN | 1 | 15.10 | 312.40 | 4,717 | 0.00 | 0 | 120,00 | 1,812 |
| LP. Feedwater Heater #5 | TN | 1 | 17.85 | 312.40 | 5,576 | 0.00 | 0 | 120.00 | 2,142 |
| H.P. Feedwater Heater #6 | TNI | 1 | 50.95 | 234.30 | 11,938 | 0.00 | 0 | 120.00 | 6,114 |
| H.P. Feedwater Heater #7 | IN | 1 | 67,45 | 234.30 | 15,804 | 0.00 | 0 | 120.00 | 8,094 |
| Boiler Feed Pumps (including mo | IN | Z | 54.00 | 312.40 | 10,870 | 0.00 | U O | 120.00 | 6,480 |
| Condensate Storage Tank (150,0 | | 1 | 41.25 | 312.40 | 12,00/ | 79.00 | U 8 100 | 120,00 | 4,950 |
| Condensate Storage Tank Found | τN | 1 | 2.00 | 91.20 | 9,370 | 10.00 | 0,190 | 120.00 | 200 |
| Condensate Recovery Tank (3,90 | | 1 | 0.50 | 312.40 | 158 | 0.00 | 0 | 120,00 | . 300 |
| Condensate Recovery Flash Tall | TN | | 0.00 | 312.40 | 28 | 0.00 | 0 | 120.00 | 11 |
| Boiler Fill Pumo | TN | | 0.05 | 312.40 | 56 | 0.00 | 0 | 120.00 | 22 |
| Heater Drain Pump | TN | i | 0.65 | 312.40 | 203 | 0.00 | 0 | 120.00 | 78 |
| Blow Down Tank (550 of) | TN | 1 | 0.50 | 312.40 | 156 | 0.00 | õ | 120.00 | 601 |
| Subtotal | | | | | 93,977 | | 8,190 | | 35,972 |
| Boiler Plant Piping | | | : | | | | | | |
| Main Steam Piping | TN | 1 | 58.55 | 312.40 | 18.291 | 0.00 | 0 | 120.00 | 7.026 |
| Hot Reheat Piping | TN | 1 | 75.67 | 312.40 | 23,639 | 0.00 | 0 | 120.00 | 9,080 |
| Cold Reheat Piping | TN | 1 | 95,69 | 312.40 | 29,894 | 0.00 | 0 | 120.00 | 11,483 |
| Extraction Stearn Piping | TN | 1 | 39.27 | 312.40 | 12,268 | 0.00 | 0 | 120.00 | 4,712 |
| Boiler Feed Piping | TN | 1 | 20.52 | 312.40 | 6,410 | 0.00 | 0 | 120.00 | 2,462 |
| Air Evacuation Piping | TN | 1 | 47.88 | 312.40 | 14,958 | 0.00 | 0 | 120.00 | 5,746 |
| Saturated Auxiliary Steam Piping | TN | 1 | 123.53 | 312.40 | 38,591 | 0.00 | 0 | 120.00 | 14,824 |
| Service & Cooling Water Piping | TN | 1 | 65.18 | 312.40 | 20,362 | 0.00 | 0 | 120.00 | 7,822 |
| Instrument, Sampling & Control P | TN | 1 | 136.08 | 312.40 | 42,511 | 0.00 | 0 | 120.00 | 16,330 |
| Condensate Piping | TN | 1 | 73.45 | 312.40 | 22,946 | 0.00 | 0 | 120.00 | 8,814 |
| Subtotal | | | | | 229,870 | | 0 | | 68,298 |
| Induced Draft Equipment | | | | | | | | | |
| Stack Breeching | TN | 1 | 160.00 | 234,30 | 37,488 | 0.00 | 0 | 120.00 | 19,200 |
| Stack | CY | 1 | 1,625.00 | 91.20 | 148,200 | 78.00 | 126,750 | 0.00 | 0 |

| | | Number | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value por | Realizable |
|---------------------------------------|----------|--------|-----------|---------------------|------------------|----------------------|----------|----------------------|----------------------|
| Removal, Disposal & Salvage | Linit of | Comno- | Linits of | linit of | Cost | Unit of | Cont | Value per | Salvage Value nee |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Per Item | Measura | tem |
| Dust Collectors | TN | 2 | 174.00 | 234.30 | 40,768 | 0.00 | 0 | 120.00 | 20.880 |
| Concrete Stack Foundation | CY | 1 | 760.00 | 91.20 | 69,312 | 78.00 | 59,280 | 0.00 | 0 |
| Subtotal | | | | - | 295,768 | | 188,030 | - | 40,080 |
| Miscellaneous Steel & Equipment | тн | 1 | 260.25 | 504.10 | 131,192 | 0.00 | Ø | 120.00 | 31,230 |
| Total Account 312 | | | | - | 2,377,145 | | 384,041 | - | 882,476 |
| FERC Account 314 | | | 1 | | | | | | |
| Pedestal Concrete | CY | 1 | 1 582 00 | 91.20 | 144 278 | 78.00 | 123 306 | 0.00 | |
| Inserts & Anchor Bolts | TN | | 10.58 | 312.40 | 3 305 | 0.00 | 120,080 | 120.00 | 4 170 |
| Turbo-Generator Unit | TN | 1 | 648.00 | 177.50 | 115 020 | 0.00 | 0 | 120.00 | 77 780 |
| Turbine Pining | TN | 1 | 260.00 | 312.40 | 81 224 | 0.00 | 0 | 120.00 | 24,200 |
| Turbine Insulation | CY | 1 | 700.00 | 71.00 | 49 700 | 20.00 | 14 000 | 120.00 | 31,200 |
| Turbine Generator Conper | TN | 1 | 58.50 | 695.80 | 40,704 | 0.00 | 1,000 | 5 000 00 | 202 500 |
| Reinforcino Steel | | i | 142.00 | 504.10 | 71 582 | 0.00 | | 100.00 | 282,500 |
| Subtotal | | • | 112,00 | | 505 814 | 0.00 | 137 306 | 120.00 | 17,040 |
| Cabibili | | | | | 000,014 | | 137,380 | | 419,770 |
| Condensers and Auxiliaries | | | | | | | | | |
| Condenser Shell | TN | 1 | 867 50 | 234.30 | 203 255 | 0.00 | | 120.00 | 104 100 |
| Condenser - Aluminum-Brass Tul | TN | 1 | 214.50 | 525.40 | 112,698 | 0.00 | ő | 2 800 00 | 600 600 |
| Circulating Water Pumps and Mg | TN | 2 | 141.08 | 312 40 | 44.073 | 0.00 | 0 | 170.00 | 16 020 |
| Condensate Pumos and Motors | TN | 2 | 30.16 | 312.40 | 9.422 | 0.00 | ő | 120.00 | 3 610 |
| Lube Oil Tank (1,900 gl) | TN | 1 | 23.50 | 312.40 | 7.341 | 0.00 | 0 | 120.00 | 3,019 |
| Subtotal | | - | | - | 376,790 | 0.00 | | -20.00 | 729.060 |
| | | | | | | | Ĭ | | 120,008 |
| Miscellaneous Steel & Equipment | TN | 1 | 64.97 | 504.10 | 32,751 | 0.00 | 0 | 120.00 | 7,796 |
| Total Account 314 | | | | - | 915,356 | : | 137,396 | - | 1,155,635 |
| FERC Account 315 | | | | | | | | | |
| Accessory Electrical Equipment | | | | | | | { | | j |
| Foundations & Structures | | | | | | | | | |
| Equipment Foundations - Concret | CY | 1 | 62.00 | 91.20 | 5.654 | 78.00 | 4 836 | 0.00 | 0 |
| Manholes and Handholes | CY | 1 | 101.00 | 36.48 | 3,684 | 78.00 | 7,878 | 0.00 | ő |
| Subtotal | | | | | 9,339 | | 12.714 | | 0 |
| Power and Conversion Equipment | | | | | | | | | |
| Auxiliary Power Transformer | TN | 1 | 59.40 | 504.10 | 29.944 | 0.00 | 0 | 120.00 | 7 1 28 |
| Station Service Transformer | TN | 4 | 16.00 | 504.10 | 8.066 | 0.00 | | 120.00 | 1,120 |
| Transformer Copper | TN | 1 | 32.08 | 525.40 | 16,855 | 0.00 | ň | 5 000 00 | 160,400 |
| Lighting Transformers | TN | 8 | 4.80 | 504.10 | 2,420 | 0.00 | ň | 120.00 | 100,400 |
| Subtotal | | - | | | 57,284 | 0.00 | | 120.00 | 170,024 |
| Conduit localators and Conductors | | | | | | | | | |
| Cable Trave | TN | 1 | 5.42 | 507 10 | 3 733 | 0.00 | | | |
| Conduit | TN | - | 63 SP | 212 40 | 40.850 | 0.00 | 0 | 120.00 | 650 |
| Concrete | CY | 4 | 710.00 | 01 20 | 18,000 64 750 | 78 00 | 65 000 | 120.00 | 7,627 |
| Power Witting | | 4 | 100.00 | 852 00 | 470 247 | 0.00 | 55,380] | 0.00 | 0 |
| Subtatal | | | 100.02 | | 257 597 | 0.00 | | 2,100.00 | 419,622 |
| Subbal | | | | | 201,001 | | 35,380 | | 427,900 |
| Switching, Control and Protection Equ | uipment | | | | | | | | |

| | | Number | | Removal | Total | Disposal | Total | Salvage | Realizable |
|---|---------------|----------|----------|----------|------------|----------|-----------|-----------|------------|
| | | of | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | nents | Measure | Measure | Peritem | Measure | Per Item | Measure | ltem |
| Switchgear - 4,160v Metalclad | TN | 1 | 40.00 | 312.40 | 12,496 | 0.00 | 0 | 120.00 | 4,800 |
| Switchgear - 480v Metalclad | TN | 2 | 36.00 | 312.40 | 11,246 | 0.00 | 0 | 120.00 | 4,320 |
| Subiotal | | | | | 23,742 | | 0 | | 9,120 |
| Account 315 Total | | | | - | 347,952 | | 68,094 | | 607,044 |
| FERC Account 316 | | | | | | | | | |
| Miscellaneous Power Plant Equipme | ent | | | | | | | | |
| Compressed Air System | TN | 1 | 6.46 | 504.10 | 3,256 | 0.00 | 0 | 120.00 | 775 |
| Total Account 316 | | | | - | 3,256 | | 0 | - | 775 |
| | | | | | | | | | |
| TOTAL CAPE CANAVERAL UNIT 2 | | | | - | 4,677,290 | | 1,013,523 | - | 2,862,940 |
| | | | | | | | | _ | |
| TOTAL CAPE CANAVERAL COMMO | DN, UNITS 1 8 | <u> </u> | | | 10,326,380 | | 4,175,539 | | 6,320,505 |
| NASA Photovoltaic Station Account 343 Prime Movers Solar Thermal System | | | | | | | | | : |
| Foundation | CY | 1 | 503.06 | 91.20 | 45,879 | 78.00 | 39,239 | 0.00 | 0 |
| Solar Panels | TN | 1 | 0.29 | 177.50 | 52 | 0.00 | 0 | 120.00 | 25 |
| Tracking System | TN | 1 | 194.56 | 312.40 | 60,779 | 0.00 | 0 | 120.00 | 16,833 |
| Enclosure (pre-cast building) | TN | 1 | 1.48 | 312.40 | 461 | 0.00 | 0 | 120,00 | 128 |
| Solar Collection Element (steel frame | TN | 1 | 0.20 | 312.40 | 63 | 0.00 | 0 | 120.00 | 17 |
| Support Structure | TN | 1 | 689.47 | 312.40 | 215,392 | 0.00 | 0 | 120.00 | 59,653 |
| Insulation | CY | 1 | 250.00 | 71.00 | 17,750 | 20.00 | 5,000 | 0.00 | 0 |
| Switch Gear | TN | 1 | 8.32 | 312.40 | 2,600 | 0.00 | 0 | 120.00 | 720 |
| | | | | | 342,976 | | 44,239 | | 77,377 |
| Account 345 -Accessory Electric Ec | uipment | | | | | | | | |
| AC Wiring | TN | 1 | 3.04 | 312.40 | 950 | 0.00 | 0 | 2,100.00 | 4,200 |
| DC Wiring | TN | 1 | 1.83 | 312.40 | 572 | 0.00 | 0 | 2,100.00 | 2,520 |
| Electrical Raceway | TN | 1 | 12.32 | 312.40 | 3,849 | 0.00 | 0 | 120.00 | 971 |
| Inverters | TN | 1 | 3.37 | 312.40 | 1,053 | 0.00 | 0 | 120.00 | 266 |
| Circuit Breaker | TN | 1 | 0.45 | 312.40 | 141 | 0.00 | 0 | 120.00 | 35 |
| 1 | | | | - | 6,564 | | 0 | | 7,992 |
| | | | | | | | | | |
| Solar Totals | | | | | 349,540 | | 44,239 | | 85,369 |

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Cutler Plant

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<u>Cutler Plant</u>

The Cutler Plant is located on an 80-acre site in Dade County, 14 miles southwest of Miami, Florida. At one time there were six generating units at the Cutler site, however all but two, Units No. 5 and 6, have been dismantled. The two units have a combined maximum generator name plate rating of 237 megawatts. The units are fueled by natural gas and are used to meet seasonal demand by operating primarily between 9:00 AM and 9:00 PM or as needed. A pipeline connected to the Florida Gas Transmission System transports the fuel. Units No. 5 and 6 went into commercial operation during 1954 and 1955 respectively. For purposes of this dismantlement study, the economic recovery dates for the Cutler units are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Unit 5: | 2020 |
| Unit 6: | 2020 |
| Common: | 2020 |

The dismantlement of the plants is assumed to require 2 years beginning five years after those dates.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Cutler Units in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.

CUTLER SUMMARY OF DISMANTLEMENT COSTS

| utler Common Inuctures and Improvements piler Plant Equipment progenerator Units creassory Electrical Equipment iscellaneous Equipment Subtotal ther Site Costs: te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutter Common pontingency - 16% | 380,728 6,722 153,731 82,166 2,835 526,182 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 562,078 C 107,870 0 669,946 | 105,953 3,240 21,120 212,240 1,080 343,533 | 564,984 108,309 1,755 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
|--|---|--|---|--|
| Inctures and Improvements piler Plant Equipment progenerator Units cocessory Electrical Equipment iscellaneous Equipment Subtotal <u>(her Sile Costs:</u> te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 380,728 6,722 153,731 82,166 2,835 526,182 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 562,078 0 107,870 0 0 669,946 | 105,853 3,240 21,120 212,240 1,080 343,633 | 836,852 3,482 240,481 (130,074) 1,755 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
| piler Plant Equipment progenerator Units ccessory Electrical Equipment iscellaneous Equipment Subtotal ther Site Costs; te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 6,722 153,731 82,166 2,835 626,162 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 0 107,870 0 669,946 | 3,240 21,120 212,240 1,080 343,533 | 3,482 240,481 (130,074) 1,755 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
| urbagenerator Units cressory Electrical Equipment iscellaneous Equipment Subtotal ther Site Opsis: te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 153,731 82,166 2,835 626,162 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 107,870 0 669,946 | 21,120 212,240 1,080 343,633 | 240,481 (130,074) 1,755 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
| ccessory Electrical Equipment iscellaneous Equipment Subtotal ther Site Costs: te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 82,166 2,835 626,162 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 0 0 669,946 | 212,240 1,080 343,633 | (130,074) 1,755 952,496 564.984 108.309 123,371 1,168,264 1,964,928 |
| iscellaneous Equipment Subtotal (her Site Costs: te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 2,835 526,182 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 0 659,946 0 | 1,080 343,633 | 1,755 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
| Subtotal (her Site Costs: te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 526,182 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 669,946 | 343,633 | 952,496 564,984 108,309 123,371 1,168,264 1,964,928 |
| ther Site Costs; te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common ponlingency - 16% | 564,984 108,309 123,371 1,168,284 1,964,928 2,591,110 | 0 | . 0 | 564,984 108,309 123,371 1,168,264 1,984,928 |
| te Management Expenses ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common onlingency - 16% | 564,984 108,309 123,371 1,168,264 1,964,928 2,591,110 | 0 | . 0 | 564,984 108,309 123,371 <u>1,168,264</u> 1,964,928 |
| ther Site Contamination take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common pollingency - 16% | 108,309 123,371 1,168,264 1,964,928 2,591,110 | 0 | . 0 | 108,309 123,371 1,168,264 1,964,928 |
| take & Discharge Backfill rading & Seeding Subtotal Total Cutler Common phlingency - 16% | 123,371 1,168,264 1,964,928 2,591,110 | 0 | . 0 | 123,371 1,168,264 1,964,928 |
| rading & Seeding Subtotai F otai Cutler Common onlingency - 16% | 1,168,264 1,964,928 2,591,110 | 0 | . 0 | <u>1,168,264</u> 1,964,928 |
| Subtotal Total Cutter Common Inlingency - 16% | 2,591,110 | 0 | . 0 | 1,964,928 |
| otal Cutler Common onlingency - 16% | 2,591,110 | | | |
| onlingency - 16% | | 669,946 | 343,633 | 2,917,424 |
| | 414,578 | 107,191 | | 521,769 |
| otal Cutter Common | 3,005,688 | 777,138 | 343,633 | 3,439,193 |
| usable M&S Inventory | 709,844 | | 70,984 | 638,860 |
| | 3,715,532 | 777,138 | 414,617 | 4,078,052 |
| utler Unit 5 | | | | |
| ructures and Improvements | 234,166 | 228,912 | 49,477 | 413,601 |
| iler Plant Equipment | 1,129,582 | 235,136 | 471,984 | 892,734 |
| rbogenerator Units | 623,190 | 99,843 | 383,303 | 339,730 |
| cessory Electrical Equipment | 113,412 | 12,482 | 151,086 | (25,212) |
| scellaneous Equipment | 2,104 | 578 954 | 1056 355 | 1 801 512 |
| oudiolal | 2,101,514 | 02 217 | 1,030,355 | 1,021,013 |
| otal Cutler Unit 5 | 2,437,756 | 668,570 | 1,056,355 | 2,049,971 |
| etler Unit 6 | | | | |
| nictures and Improvements | 397.479 | 354.417 | 78 055 | 673.841 |
| iter Plant Equipment | 2.584.728 | 350.428 | 677 715 | 2.257.441 |
| rbogenerator Units | 538,240 | 110,170 | 364,996 | 283 414 |
| cessory Electrical Equipment | 156,800 | 88,654 | 238,006 | 17,449 |
| scellaneous Equipment | 1,192 | Q | 516 | 676 |
| ublotal | 3,688,439 | 903,669 | 1,359,288 | 3,232,820 |
| ntingency - 16% | 590,150 | 144,587 | | 734,737 |
| otal Cutler Unit 6 | 4,278,590 | 1,048,256 | 1,359,288 | 3,967,558 |
| tai Dismantlement Costs | 10,431,877 | 2,493,964 | 2,830,260 | 10,095,581 |
| | usable M&S Inventory <u>Iter Unit 5</u> uctures and Improvements ifer Plant Equipment rbogenerator Units cessory Electrical Equipment scellaneous Equipment ubtotal ntingency - 16% otal Cutler Unit 5 <u>tier Unit 6</u> uctures and Improvements ifer Plant Equipment rbogenerator Units cessory Electrical Equipment scellaneous Equipment ubtotal ntingency - 16% otal Cutler Unit 6 tal Dismantlement Costs | usable M&S Inventory709,8443,715,532Iter Unit 5uctures and Improvementsiler Plant Equipmentthoogenerator Unitscessory Electrical Equipment113,412scellaneous Equipment113,412scellaneous Equipment1,164ubtotal2,101,514ntingency - 16%336,242otal Cutler Unit 52,437,756ter Plant Equipment2,684,728toogenerator Unitscessory Electrical Equipment2,684,728toogenerator Unitscessory Electrical Equipment16,800scellaneous Equipment17,92ubtotalntingency - 16%590,150otal Cutler Unit 64,278,590tal Dismantlement Costs10,431,877 | Nusable M&S Inventory 709,844 3,715,532 777,138 Itler Unit 5 234,166 228,912 itler Plant Equipment 1,129,582 235,136 rbogenerator Units 623,190 99,843 cessory Electrical Equipment 113,412 12,482 scellaneous Equipment 1,13412 12,482 scellaneous Equipment 2,101,514 576,354 ubtotal 2,101,514 576,354 ntingency - 16% 336,242 92,217 otal Cutter Unit 5 2,437,756 668,570 ter Plant Equipment 2,584,728 350,428 rbogenerator Units 397,479 354,417 iter Plant Equipment 2,584,728 350,428 rbogenerator Units 538,240 110,170 cessory Electrical Equipment 156,800 88,654 scellaneous Equipment 1,192 0 ubtotal 3,688,439 903,669 ntingency - 16% 590,150 144,587 otal Cutler Unit 6 4,278,590 1,048,256 | usable M&S Inventory 709,844 70,984 3,715,532 777,133 414,817 Itler Unit 5 234,166 228,912 49,477 itler Plant Equipment 1,129,582 235,136 471,984 rbogenerator Units 623,190 96,843 383,303 cessory Electrical Equipment 113,412 12,482 151,086 scellaneous Equipment 1,164 0 504 ubtotal 2,101,514 576,354 1,056,355 ntingency - 16% 336,242 92,217 92,417 otal Cutter Unit 5 2,437,756 668,570 1,056,355 generator Units 397,479 354,417 78,055 generator Units 397,479 354,417 78,055 generator Units 538,240 110,170 364,996 cessory Electrical Equipment 156,800 88,654 238,006 scellaneous Equipment 1,192 0 516 ubtotal 3,684,439 903,669 1,359,288 ntingency - 16% < |

•

CUTLER

DISMANTLEMENT COST FOR INFLATION PROJECTION

| | | Material & | · | | |
|---------------|-----------|------------|-----------|-----------|-----------------------|
| | Labor | Equipment | Burial | Salvage | Total |
| Description | (A) | (B) | (C) | (D) | (A) + (B) + (C) - (D) |
| Cutler Common | 1,803,412 | 1,912,119 | 777,138 | 414,617 | 4,078,052 |
| Cutier Unit 5 | 1,482,654 | 975,102 | 668,570 | 1,056,355 | 2,049,971 |
| Cutler Unit 6 | 2,567,154 | 1,711,436 | 1,048,256 | 1,359,288 | 3,967,558 |
| Total | 5,833,220 | 4,598,657 | 2,493,964 | 2,830,260 | 10,095,581 |
| | ···· | | | | |

Labor is 60% of Removal Cost (excluding unusable inventory) from Summary of Dismantlement Costs. Material & Equipment is 40% of Removal Cost from Summary of Dismantlement Costs, plus unusable inventory. Burial is 100% of Disposal Cost from Summary of Dismantlement Costs. Salvage is 100% of Salvage from Summary of Dismantlement Costs.

3

CUTLER DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits;
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

CUTLER DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However, the dismantlement cost of substation equipment is not included in this study so as to avoid duplicating recovery of expense already included in the net salvage factor of the substation plant accounts' depreciation rates.

An expandable grout will be used to remove the turbine pedestals. The chimneys will be control-blasted.

It is assumed that dismantlement activity at Cutler will begin five years after end of service. The economic recovery dates used for this assumption are as follows:

| <u>Units</u> | Economic Recovery Date |
|--------------|------------------------|
| Unit 5 | 2020 |
| Unit 6 | 2020 |
| Common | 2020 |

Though some asbestos abatement activity has occurred at Cutler, significant amounts of asbestos remain and can be expected to require abatement at final dismantlement. FPL's asbestos abatement contractor, Environmental Services, Inc. has estimated the cost of asbestos removal and disposal at \$1,350 per cubic yard. FPL's environmental department recently completed a survey of asbestos quantities at our fossil sites, which estimated the cost to abate the remaining asbestos at Cutler at \$3.2 million.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Cutler Plant. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor $\$33.05$ X6= $\$198$ Foreman $\$41.96$ X1= $\$41$ Heavy Equipment Operator $\$39.99$ X1= $\$33$ Total Cost per hour of 8 man crew $$280.28$ /8= $\$33$ Cost per man hour $\$280.28$ /8= $\$33$ Equipment Rate | 8.33 1.96 9.99 0.28 5.04 |
|--|--------------------------------------|
| Foreman\$41.96X1=\$41Heavy Equipment Operator\$39.99X1=\$35Total Cost per hour of 8 man crew\$280.28/8=\$35Cost per man hour\$280.28/8=\$35Equipment Rate | 1.96 9.99 0.28 5.04 |
| Heavy Equipment Operator\$39.99X1=\$33Total Cost per hour of 8 man crew\$280.28 x 1=\$280Cost per man hour\$280.288=\$35Equipment Rate | 9.99 0.28 5.04 |
| Total Cost per hour of 8 man crew \$280 Cost per man hour \$280.28 / 8 = \$35 Equipment Rate | 0.28 5.04 |
| Cost per man hour \$280.28 / 8 = Equipment Rate | <u>5.04</u> |
| Equipment Rate | |
| | |
| The equipment rate is based on the following equipment: | |
| Crane/Excavator 31.395 | 5.00 |
| Front End Loader 6.234 | 4.15 |
| Cutting Equipment 23' | 1.97 |
| Total per month \$37,86 | 1.12 |
| 37,861.12 / 176 hours per month = 21 | 15.12 |
| Cost per man hour \$215.12 / 8 = \$26 | 6.89 |
| Plus: amount for small tools | 1.00 |
| Total Cost per man hour \$2 | 7.89 |

| \$35.04 |
|---------------|
| 27.89 |
| \$62.93 |
| |
| 00 699 |
| <u> 00.00</u> |
| |
| \$68.00 |
| |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate.

| Components | Hourly Rate | Productivity Factor | Removal Factor |
|------------------------|-------------|---------------------|-----------------|
| Extra Heavy Steel (1) | \$63.00 | 2.50 MH / Ton | \$157.50 / Ton |
| Heavy Steel (2) | \$63.00 | 3.30 MH / Ton | \$207.90 / Ton |
| General Steel | \$63.00 | 4.40 MH / Ton | \$277.20 / Ton |
| Light Steel | \$63.00 | 7.10 MH / Ton | \$447.30 / Ton |
| Concrete | \$68.00 | 0.48 MH / CY | \$32.64 / CY |
| Reinforced Concrete | \$68.00 | 1.20 MH / CY | \$81.60 / CY |
| Copper-Elect. Cable & | | | |
| Generator Leads & | \$63.00 | 12.00 MH / Ton | \$756.00 / Ton |
| Copper - Generator | \$63.00 | 9.80 MH / Ton | \$617.40 / Ton |
| Copper - Transformer | \$63.00 | 7.40 MH / Ton | \$466.20 / Ton |
| General Insulation | \$63.00 | 1.00 MH / CY | \$63.00 / CY |
| Inground Pipe-Metal(3) | \$63.00 | 6.00 MH / Ton | \$378.00 / Ton |
| Concrete Pipe | \$68.00 | 4.60 MH / Ton | \$312.80 / CY |
| Asbestos | | | \$1,250.00 / CY |

(1) Includes turbine generator.

(2) includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Homestead Landfill, using dumpsters provided by Waste Management, Inc. Concrete and non-asbestos insulation are non-hazardous wastes. The tipping fee is \$46 per cubic yard. The per-haul dumpster charges are \$475 per haul for a 20 cubic yard dumpster and \$675 per haul for a 30 CY dumpster.

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located in the detailed spreadsheet.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Dumpster Cost (incl. driver) Tipping Fees | \$475.00 \$46.00 | / pull / ton | X X | 1 pull 30.5 tons | \$475.00 \$1,403.00 |
|---|---------------------|-----------------|---------------|---------------------|------------------------|
| Total Cost per round Trip | | | | | \$1,878.00 |
| Cost per Cubic Yard Plus 10% contractor profit | \$1,878.00 | / 15.38 | cubic yards = | | \$122.11 12.21 |
| Total Cost per Cubic Yard | | | | | \$134.32 |
| Rounded Cost per Cubic Yar | d | | | | \$134.00 |

Insulation

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of insulation weighs 121.5 pounds or .060750 tons. The 30 cubic yard dumpster capacity times .060750 tons/cubic yard = 1.82 tons.

Insulation - Calcium Silicate

| Truck Cost (incl. driver) | \$675.00 | / pull | Х | 1 pull | = | \$675.00 |
|-----------------------------|----------|----------|-------------|----------|---|----------|
| Tipping Fees | \$46.00 | / ton | х | 1.82 ton | = | 83.72 |
| Total Cost per round Trip | | | | | | 758.72 |
| Cost per Cubic Yard | \$758.72 | / 27 cul | bic yards = | | | \$28.10 |
| Plus 10% contractor profit | | | | | · | 2.81 |
| Total Cost per Cubic Yard | | | | | _ | \$30.91 |
| | | | | | | |
| Rounded Cost per Cubic Yard | | | | | | \$31.00 |

Asbestos Insulation

Environmental Services, Inc. advises that removal cost for asbestos is \$1,250 per cubic yard. Disposal Cost is \$100 per cubic yard.

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by published data and conversations with scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month. These expenses are assumed to be incurred over the 12 month dismantlement period assumed for the Cutler Plant. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management supervision, security and other costs.

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-----------|
| Number of months | 12.00 |
| Total Site Mangement Expenses | \$564,984 |

Intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115. Cutler has one of each.

| | Cost/Structure | Quantity | Totals | |
|-----------|----------------|----------|-----------|---|
| Intake | \$44,128 | 2 | \$88,256 | * |
| Discharge | \$35,115 | 1 | \$35,115 | |
| | | - | \$123,371 | - |

* Cutler has a larger than average Intake. Thus for costing purposes, it is treated as having 2.

Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Cutler Acreage to be graded and seeded | 17.50 |
|--|-------------|
| Cost Factor | \$63,579 |
| Total Grading and Seeding Expense | \$1,168,264 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Cutler, the following cost estimates have been identified:

| Description | Amount |
|-----------------------------------|-------------|
| Asbestos [see Units 5 & 6 detail] | \$3,200,000 |
| Lead in paint | 300 |
| Special Waste | 42,490 |
| Soil/Other Contamination | 59,500 |
| Total | \$3,302,290 |

| Removal, Disposal & Salvage | Unit of | Number of Compo- | Total Units of | Removal Cost per Unit of | Total Removal | Disposal Cost per Unit of | Total Disposal | Salvage Value per Unit of | Total Salvage |
|--|---------|------------------------|-------------------|--------------------------------|--------------------|---------------------------------|-------------------|---------------------------------|------------------|
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | of Measure | Value |
| Cutler Common Plant | | | | | | | | | |
| FERC Account 311 | | | | | | | | | |
| Improvements to Site | ~ | | 17.00 | | | 101.00 | 0.070 | 0.00 | |
| Snetter | CY | 1 | 17.00 | 32.64 | 555 | 134.00 | 2,270 | 0.00 | 0 |
| Roads & Walkways | CY | 1 | 1,585.00 | 32.64 | 51,/34 | 134.00 | 212,390 | 0.00 | 260 |
| Yard Lighting | TN | 1 | 3.00 | 447.30 | 1,342 | 0.00 | 11 200 | 120.00 | 300 0 |
| Dock | UT | 1 | 65.00 | 32.04 | 2,114 | (34.00 | 228.058 | 0.00 | |
| Service Water Supply System | | | | | 00,400 | | 220,036 | | 000 |
| Concrete | CY | 1 | 50.00 | 81.60 | 4 080 | 134.00 | 6.700 | 0.00 | 0 |
| | 01 | • | | 01.00 | 4,000 | 101.00 | -, | | |
| Raw Water Tank | TN | 1 | 17.00 | 277.20 | 4,712 | 0.00 | 0 | 120.00 | 2,040 |
| Piping | TN | 1 | 15.00 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |
| Reinforced Concrete | CY | 1 | 105.00 | 81.60 | 8,568 | 134.00 | 14,070 | 0.00 | 0 |
| Raw Water Pumps | TN | 1 | 5.00 | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |
| Salt Water Pumps | TN | 1 | 6.00 | 207.90 | 1,247 | 0.00 | 0 | 120.00 | 720 |
| Intake Structure | | | | | 22,766 | | 20,770 | | 5,160 |
| Concrate | CY | 1 | 395.00 | 81.60 | 32 232 | 134.00 | 52,930 | 0.00 | 0 |
| Grills Screens Hoists | TN | 1 | 14.00 | 277 20 | 3 881 | 0.00 | 0 | 120.00 | 1.680 |
| | | | 11.00 | 277.20 | 36,113 | • | 52,930 | | 1,680 |
| Conduits - Intake & Discharge | | | | | | | | | |
| Concrete Discharge Tunnel | CY | 1 | 299.00 | 81.60 | 24,398 | 134.00 | 40,066 | 0.00 | 0 |
| Reinforced - Concrete Discharge Tunnel | CY | 1 | 1,420.00 | 81.60 | 115,872 | 134.00 | 190,280 | 0.00 | 0 |
| Station Structures | | | | | 140,270 | | 230,340 | | 5 |
| Sinches Stock | TN | 1 | 208.00 | 207 90 | 43 243 | 0.00 | 0 | 120.00 | 24,960 |
| Turbino Enclosura | TN | 1 | 15.00 | 207.00 | 4 158 | 0.00 | 0 | 120.00 | 1.800 |
| Cable Vault Travs | TN | 1 | 7.00 | 277 20 | 1 940 | 0.00 | 0 | 120.00 | 840 |
| Laboraton Walle | | | 27.00 | 32.64 | 881 | 134.00 | 3.618 | 0.00 | 0 |
| Concrete | CY | 1 | 82.00 | 32 64 | 2 676 | 134.00 | 10.988 | 0.00 | 0 |
| Grating & Steel Plate Figur | TN | 1 | 11.00 | 277 20 | 3 049 | 0.00 | 0 | 120.00 | 1.320 |
| Station Cranes & Hoists | TN | 1. | 74.00 | 207.90 | 15 385 | 0.00 | 0 | 120.00 | 8.880 |
| | | • | 7 0,00 | | 71,333 | | 14,606 | | 37,800 |
| Building Equipment | | | | | | | | | |
| Building Elevator | TN | 1 | 9.00 | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1,080 |
| Structural Steel - Elevator | TN | 1 | 27.10 | 207.90 | 5,634 | 0.00 | 0 | 120.00 | 3,252 |
| Reinforced Concrete - Elevator | CY | 1 | 4.60 | 81.60 | 375 | 134.00 | 616 | 0.00 | 0 |
| HVAC | TN | 1 | 6.00 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| Plumbing | TN | 1 | 7.00 | 277.20 | 1, 94 0 | 0.00 | 0 | 120.00 | 840 |
| Lighting & Building Wiking | TN | 1 | 19.00 | 756.00 | 14,364 | 0,00 | 0 | 2,100.00 | 39,900 |
| Fire Protection Equipment | TN | 1 | 4.00 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| Other Cranes & Hoists | TN | 1 | 1.34 | 207.90 | 279 | 0.00 | 616 | 120.00 | 46,433 |
| Senice Butidian | | | | | | | , | | |
| Concrete | CY | 1 | 125.00 | 81.60 | 10 200 | 134.00 | 16 750 | 0.00 | n |
| Structural Steel | TN | 1 | 37.00 | 207.90 | 7 602 | 0.00 | 0,750 | 120.00 | 4 440 |
| HVAC | TN | 1 | 9.00 | 447 30 | 4 028 | 0.00 | 0 | 120.00 | 1.080 |
| Plumbing | TN | 1 | 5.00 | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |

| Removal Disposal & Salvage | linit of | Number of Compo- | Total Units of | Removal Cost per Unit of | Total | Disposal Cost per Unit of | Total Disposal | Salvage Value per Unit of | Total Salvace |
|--|------------|------------------------|-------------------|--------------------------------|---------|---------------------------------|-------------------|---------------------------------|------------------|
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | of Measure | Value |
| Lighting & Building Wining | TN | 1 | 4.00 | 756.00 | 3,024 | 0.00 | 0 | 2,100.00 | 8,400 |
| | | | | | 25,982 | | 16,750 | | 14,520 |
| Total Account 311 | | | | | 380,728 | | 562,076 | | 105,953 |
| FERC Account 312 Boiler Plant Equipment | | | 1 | | | | | | |
| Fuel Oil & Gas Equipment Strainers, Heaters & Accessories | TN | t | 16.00 | 277.20 | 4,435 | 0.00 | 0 | 120.00 | 1,920 |
| Boiler Plant Auxiliaries | | | | | | | | | |
| Boiler Piping | TN | 1 | 11.00 | 207.90 | 2,287 | 0.00 | 0 | 120.00 | 1,320 |
| Total Account 312 | | | | | 6,722 | | 0 | | 3,240 |
| FERC Account 314 Turbogenerator Equipment | | | | | | | | | |
| Circulation Water Pumps & Valves | TN | 4 | 156.00 | 277 20 | 43.243 | 0.00 | 0 | 120.00 | 18,720 |
| Miscellaneous Turbine Fouriement | TN | 1 | 11.00 | 277.20 | 3.049 | 0.00 | 0 | 120.00 | 1,320 |
| Circulating Water Pipe | CY | 1 | 105.00 | 312.80 | 46,292 | 134.00 | 14,070 | 0.00 | 0 |
| | Ē | | | | 92,585 | | 14,070 | | 20,040 |
| Reinforced Concrete - Units 3 & 4 Turbine Pedestals | CY | 1 | 700.00 | 81.60 | 57,120 | 134.00 | 93,800 | 0.00 | ٥ |
| Turbine Room Instruments | TN | 1 | 9.00 | 447.30 | 4,026 | 0.00 | 0 | 120.00 | 1,080 |
| | | | | | 61,146 | | 93,800 | | 1,080 |
| Total Account 314 | | | | | 153,731 | | 107,870 | | 21,120 |
| FERC Account 315 | | | | | | | | | • |
| Accessory Electrical Equipment | - | • | 10.00 | 077.00 | 9 9 9 9 | 0.00 | 0 | 120.00 | 1 440 |
| Aux Power Transformer | 111 | 1 | 12.00 | 277.20 | 3,320 | 0.00 | 0 | 120.00 | 300 |
| Station Service Transionner | 10 | 1. | 580 | 466.20 | 2 704 | 0.00 | 0 | 5.000.00 | 29.000 |
| Power Widon | TN | 1 | 50.00 | 756.00 | 37,800 | 0.00 | Ő | 2,100.00 | 105,000 |
| Control Cable & Supporting Cable Travs | TN | 1 | 35.00 | 756.00 | 26,460 | 0.00 | 0 | 2,100.00 | 73,500 |
| Control Boards, Switchgear & Load Centers | TN | 1 | 25.00 | 447.30 | 11,183 | 0.00 | 0 | 120.00 | 3,000 |
| Total Account 315 | | | | | 82,166 | | 0 | | 212,240 |
| FERC Account 316 | | | | | | | | | |
| Miscellaneous Power Plant Equipment | — . | | | | | | | 400.00 | |
| Air Compressor System | IN TN | 1 | 7.00 | 277.20 | 1,940 | 0,00 | 0 | 120.00 | 100 |
| Communications Equipment | TN | 1 | 1.00 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Total Account 316 | | • | 1.00 | | 2,835 | 0.00 | | 120.00 | 1,080 |
| Total Cutier Common | | | | | 626,182 | | 669,946 | | 343,633 |
| CUTLER UNIT 5 | | | | | | | | | |
| FERC Account 311 | | | | | | | | | |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of of Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------|--|---------------------------|---|---------------------------|
| Improvements to Site | | | | | | | | | |
| Reinforced Concrete | CY | 1 | 69,60 | 81.60 | 5.679 | 134.00 | 9.326 | 0.00 | o |
| Subtotal | | | | | 5.679 | | 9,326 | | 0 |
| | | | | | -, | | -, | | - |
| Condensing and Service Water System | | | | | | | | | |
| Water Treatment Equipment | TN | 1 | 22.00 | 277.20 | 6,098 | 0.00 | 0 | 120.00 | 2,640 |
| Reinforced Concrete - Piping | CY | 1 | 4.00 | 81.60 | 326 | 134.00 | 536 | 0.00 | 0 |
| Reinf Concr - Fresh Water Well System | CY | 1 | 1.30 | 81.60 | 106 | 134.00 | 174 | 0.00 | o |
| Salt Water Well Pump System | TN | 2 | 2.56 | 277.20 | 710 | 0.00 | 0 | 120.00 | 307 |
| Reinf Concr - Salt Water Well Pump System | CY | 1 | 6,30 | 81.60 | 514 | 134.00 | 844 | 0.00 | 0 |
| Reinforced Concrete - Intake Structure | CY | 1 | 354.30 | 81.60 | 28,911 | 134.00 | 47,476 | 0.00 | 0 |
| Structural Steel | TN | 1 | 11.81 | 207.90 | 2,455 | 0.00 | . 0 | 120.00 | 1,417 |
| Traveling, Fine and Coarse Screens | TN | 1 | 30.02 | 277.20 | 8,322 | 0.00 | 0 | 120.00 | 3,602 |
| Screen Wash Pump | TN | 1 | 1.04 | 447.30 | 465 | 0.00 | 0 | 120.00 | 125 |
| Piping (Cast iron - 42") | TN | 1 | 100.60 | 378.00 | 38,027 | 0.00 | 0 | 120.00 | 12.072 |
| Piping (Transite - 6") | TN | 1 | 22.75 | 378.00 | 8,600 | 0.00 | 0 | 120,00 | 2,730 |
| Concrete | CY | 1 | 12.00 | 32.64 | 392 | 134.00 | 1.608 | 0.00 | 0 |
| Reinforced Concrete | CY | 1 | 162.00 | 81.60 | 13,219 | 134.00 | 21,708 | 0.00 | 0 |
| Subtotal | | | | | 108,145 | | 72.347 | - | 22,894 |
| Station Structures | | | | | , | | | | |
| Concrete | CY | 1 | 366.00 | 32.64 | 11,946 | 134.00 | 49,044 | 0.00 | 0 |
| Reinforced Concrete - Walls & Floors | CY | 1 | 545.10 | 81.60 | 44,480 | 134.00 | 73,043 | 0.00 | 0 |
| Structural Steel | TN | 1 | 143.50 | 207.90 | 29,834 | 0.00 | . 0 | 120.00 | 17,220 |
| Grating, Steel Plate & Doors | TN | 1 | 10.30 | 447.30 | 4,607 | 0.00 | 0 | 120.00 | 1,236 |
| Steel Platforms, Stairs, Ladders, Handrailing | TN | 1 | 21.10 | 447.30 | 9,438 | 0.00 | 0 | 120.00 | 2,532 |
| Concrete - Floors & Roofs | CY | 1 | 101.60 | 32.64 | 3,316 | 134.00 | 13,614 | 0.00 | 0 |
| Reinforced Concrete - Floors, Drains & Sumps | CY | 1 | 23.50 | 81.60 | 1,918 | 134.00 | 3,149 | 0.00 | 0 |
| Other Cranes & Hoists | ŤN | 1 | 1.13 | 207,90 | 235 | 0,00 | 0 | 120.00 | 136 |
| Elevator | TN | 1 | 9.00 | 207.90 | 1,871 | 0.00 | 0 | 120.00 | 1,080 |
| Structural Steel - Elevator | TN | 1 | 36.50 | 207.90 | 7,588 | 0.00 | 0 | 120.00 | 4,380 |
| Reinforced Concrete - Elevator | CY | 1 | 3.60 | 81.60 | 294 | 134.00 | 482 | 0.00 | . 0 |
| Subtotal | | | | | 115,527 | | 139,333 | | 26,584 |
| | | | | | | | - | | |
| Fuel and Ash Structure | | | | | | | | | |
| Reinf Concr Supports for Existing Pipe Lines | CY | 1. | 59,00 | 81.60 | 4,814 | 134.00 | 7,906 | 0.00 | 0 |
| Subiotal | | | | | 4,814 | | 7,906 | | 0 |
| | | | | | | | - | | |
| Total Account 311 | | | | | 234,166 | | 228,912 | | 49,477 |
| | | | | | | | - | | |
| FERC Account 312 | | | | | | | | | |
| Boiler Plant Equipment | | | | | | | | | |
| Fuel Oil Burner Pumps | TN | 2 | 1.60 | 277.20 | 444 | 0.00 | 0 | 120.00 | 192 |
| Fuel Oil Booster Pump (w/motor) | ŤN | 1 | 2.20 | 277.20 | 610 | 0.00 | 0 | 120.00 | 264 |
| Reinforced Concrete for Fuel Burner Pumps | CY | 1 | 6.00 | 81.60 | 490 | 134.00 | 804 | 0.00 | 0 |
| Forced Draft Fans | TN | 2 | 10.50 | 207.90 | 2,183 | 0.00 | 0 | 120.00 | 1,260 |
| Motors for Forced Draft Fans | TN | 2. | 3.50 | 277.20 | 970 | 0.00 | 0 | 120.00 | 420 |
| Forced Draft Foundation - Reinforced Concrete | CY | 1 | 140.00 | 81.60 | 11,424 | 134.00 | 18,760 | 0.00 | 0 |
| Ducts | TN | 1 | 120.00 | 277.20 | 33,264 | 0.00 | 0 | 120.00 | 14,400 |
| Duct Insulation | CY | 1 | 180.00 | 63.00 | 11,340 | 31.00 | 5,580 | 0.00 | 0 |
| Reinf Concrete for F.O., Stm, Cond. Piping | CY | 1 | 121.70 | 81.60 | 9,931 | 134.00 | 16,308 | 0.00 | o |
| Subtotal | | | | | 70,655 | | 41,452 | | 16,536 |
| | | | | | | | | | |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of of Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------|--|---------------------------|---|---------------------------|
| Boiler Equipment | | | | | | | | | |
| Reinforced Concrete - Boiler Foundation Piers | CY | 1 | 16.00 | 81.60 | 1,306 | 134.00 | 2,144 | 0.00 | 0 |
| Concrete Deck Slabs | CY | 1 | 28.00 | 81.60 | 2,285 | 134.00 | 3,752 | 0.00 | 0 |
| Structural Steel | TN | 1 | 479.80 | 207.90 | 99,750 | 0.00 | 0 | 120.00 | 57,576 |
| Platform Grating and Handrail | TN | 1 | 68.50 | 447.30 | 30,640 | 0.00 | 0 | 120.00 | 8,220 |
| Gas Piping | ŤN | 1 | 37.00 | 277.20 | 10,256 | 0.00 | 0 | 120.00 | 4,440 |
| Steam Generation Unit - including: | | | | | | | | | |
| Drum | TN | 1 | 69.75 | 207.90 | 14,501 | 0.00 | 0 | 120.00 | 8,370 |
| Water walls | ŤN | 1 | 190.34 | 207.90 | 39,572 | 0.00 | 0 | 120.00 | 22,841 |
| Downcomers | TN | 1 | 38.50 | 207.90 | 8,004 | 0.00 | 0 | 120.00 | 4,620 |
| Airheater | TN | 1 | 134.70 | 207.90 | 28,004 | 0.00 | 0 | 120.00 | 16,164 |
| Superheater | TN | 1 | 135.38 | 207.90 | 28,146 | 0.00 | 0 | 120.00 | 16,246 |
| Economizer | TN | 1 | 111.38 | 207.90 | 23,156 | 0.00 | 0 | 120.00 | 13,366 |
| Boiler setting - Insulation | CY | 1 | 300.00 | 1,250.00 | 375,000 | 100.00 | 30,000 | 0.00 | 0 |
| Boiler setting - brick | CY | 1 | 150.00 | 1,250.00 | 187,500 | 100.00 | 15,000 | 0.00 | 0 |
| Copper pipe and tubing | TN | 1 | 52.00 | 466,20 | 24,242 | 0.00 | 0 | 5,000.00 | 260,000 |
| Combustion and Feedwater Control Equipment | TN | 1 | 5.75 | 447.30 | 2,572 | 0.00 | 0 | 120.00 | 690 |
| Subtotal | | | | | 874,934 | | 50,896 | - | 412,532 |
| Boiler Plant Auxiliaries | | | | | | | | | |
| Atthe States Light Deserves Lighter #0 | 711 | | c 40 | 007.00 | 4.400 | | | 400.00 | . |
| 11111 Stage High Pressure Heater #2 | | 1 | 5.40 | 207,90 | 1,123 | 0.00 | U | 120.00 | 648 |
| 17th Stage High Pressure Heater #1 | | 1 | 4.83 | 207.90 | 1,004 | 0.00 | U | 120.00 | 080 |
| 22nd Stage Intermediate Pressure Heater | | 1 | 4.07 | 207.90 | 840 | 0.00 | 0 | 120,00 | 488 |
| 20th Stage Low Pressure Heater #2 | | 1 | 4.96 | 277.20 | 1,360 | 0.00 | U O | 120.00 | 596 |
| Condensate Make Un Heater | | 1 | 1.42 | 211.20 | 2,037 | 0.00 | 0 | 120.00 | 690 |
| Condensate wake-op neater | | 2 | 1.02 | 217.20 | 203 | 0.00 | 0 | 120.00 | 122 |
| Pointer Feed Furthers (including mound) | | 3 | 22.80 | 207.90 | 9,111 | 124.00 | U E 460 | 120.00 | 2,/04 |
| Intermediate Descure Vector Oncio Durano | | 1 | 36,30 | 01.00 | 3,142 | 0.00 | 5,159 | 120.00 | 205 |
| I Rester Orain Burnes Deinformed Concrete | CY CY | 2 | 2.34 | 211.20 | 204 | 124.00 | 0 630 | 120.00 | |
| Eachustes Degulates Values | | 1 | 4.70 | 207.00 | 304 | 0.00 | 630 | 120.00 | 402 |
| Performance Cognet Valves | TN | 1 | 4.10 | 207.90 | 002 | 0.00 | 0 | 120.00 | 492 |
| Subtotal | IN | | 1.20 | 207.80 | 16,814 | 0.00 | 5,789 | 120.00 | 7,032 |
| Boiler Plant Piping | | | | | | | | | |
| General Piping (includes system valves) | | | | | | | | | |
| 2.5" & Under - Pipe, Valves & Fittings | TN | 1 | 1.34 | 277.20 | 371 | 0.00 | 0 | 120.00 | 161 |
| 2.5" & Under - Insulation | CY | 1 | 3.82 | 63.00 | 241 | 31.00 | 118 | 0.00 | 0 |
| 2.51" - 8" - Pipe, Valves & Fittings | TN | 1 | 63.86 | 277.20 | 17,702 | 0.00 | 0 | 120.00 | 7.663 |
| 2.51" - 8" - Insulation | CY | 1 | 33.31 | 63.00 | 2.098 | 31.00 | 1.033 | 0.00 | 0 |
| Over 8 " - Pipe, Valves & Fittings | TN | 1 | 82.04 | 207.90 | 17.056 | 0.00 | 0 | 120.00 | 9.845 |
| Over 8 " - Insulation | CY | 1 | 66.99 | 63.00 | 4.220 | 31.00 | 2.077 | 0.00 | 0 |
| Extraction Steam Valves | TN | 1 | 1.00 | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| Main Steam Stop Valves | TN | 2 | 10.00 | 207.90 | 2.079 | 0.00 | 0 | 120.00 | 1.200 |
| Check Valves - 6" | TN | 3 | 1.29 | 277.20 | 358 | 0.00 | 0 | 120.00 | 155 |
| Steel Valves - 2" & smaller | TN | 1 | 2.50 | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Reverse Current Valves 6". 8". 12" | TN | 1 | 1.29 | 277.20 | 358 | 0.00 | 0 | 120.00 | 155 |
| Subtotal | | · | | | 45,384 | 2.00 | 3,228 | - | 19,598 |
| Induced Draft Equipment | | | | | | | | | |
| Stack Breeching | CY | 1 | 200.30 | 81.60 | 16,344 | 134.00 | 26,840 | 0.00 | 0 |

| | | Number | | Removal | | Disposal | | Salvage | |
|---|---------|--------|----------|----------|-------------|----------|----------|------------|---------|
| | | of | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Linit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Massure | Cost | Measure | Cost | of Measure | Value |
| Foundation - Reinforced Concrete I.D. Fans | CY | 1 | 50.00 | 81.60 | 4.080 | 134.00 | 6,700 | 0.00 | 0 |
| Induced Draft Fans | TN | 2 | 17.50 | 207.90 | 3,638 | 0.00 | 0 | 120.00 | 2,100 |
| Motors for induced Draft Fans | TN | 2 | 7.88 | 277 20 | 2 183 | 0.00 | ō | 120.00 | 945 |
| Dust Separators | TN | 2 | 62.00 | 207.90 | 12 890 | 0.00 | 0 | 120.00 | 7 440 |
| Dust Separators - Reinforced Concrete | CY | 1 | 5.30 | 81.60 | 432 | 134.00 | 710 | 0.00 | 0 |
| Sont Disnosal Dischame Reinformed Concrete | CY CY | 1 | 5.00 | 81.60 | 485 | 134.00 | 764 | 0.00 | 0 |
| 150' Stack With Tile Lining | CY CY | 1 | 197.50 | 91.60 | 15 200 | 124.00 | 25 125 | 0.00 | 0 |
| Reinforced Concrete for Stack | CY | 1 | 107.50 | 81.00 | 10,000 | 124.00 | 20,120 | 0.00 | 0 |
| Concerts Stock Equinitation Concerts | CY | 1 | 199.00 | 01.00 | 10,218 | 134.00 | 20,735 | 0.00 | 0 |
| Cubicate | Ci | • | 330.00 | 01.00 | | 134.00 | 40,900 | 0,00 | 10.495 |
| | | | | | 100,172 | | 199,112 | | 10,465 |
| Miscellaneous Equipment & Steel | TN | 1 | 48.34 | 447.30 | 21,622 | 0.00 | 0 | 120.00 | 5,801 |
| Total Account 312 | | | | | 1,129,582 | | 235,136 | | 471,984 |
| FERC Account 314 | | | | | | | | | |
| Turbogenerator Unit | | | | | | | | | |
| Concrete Pedestal | | | | | | | | | |
| Reinforced Concrete | CY | 1 | 388.80 | 81.60 | 31.726 | 134.00 | 52.099 | 0.00 | o |
| Subtotal | | | | | 31,726 | | 52,099 | | 0 |
| Turbarra fan Fan Jamant | | | | | | | | | |
| Turbogenerator Equipment | · | _ | | | | | | | |
| | | 1 | 362.50 | 157.50 | 57,094 | 0.00 | 0 | 120.00 | 43,500 |
| Turbine Generator Copper | IN | 1 | 22.48 | 617.40 | 13,876 | 0.00 | 0 | 5000.00 | 112,375 |
| Turbine Generator Access Foundations | CY | 1 | 29.00 | 81.60 | 2,366 | 134.00 | 3,886 | 0,00 | 0 |
| Turbine Plant Piping | TN | 1 | 158.10 | 277.20 | 43,825 | 0.00 | 0 | 120.00 | 18,972 |
| Turbine Insulation - Asbestos | CY | 1 | 300.00 | 1,250.00 | 375,000 | 100.00 | 30,000 | 0.00 | ٥ |
| Turbine Insulation | CY | 1 | 125.00 | 63.00 | 7,875 | 31.00 | 3,875 | 0.00 | 0 |
| Subiotal | | | | | 500,037 | | 37,761 | | 174,847 |
| Condensers and Auxiliaries | | | | | | | | | |
| Condenser - 60000 sq ft, twin shell w/1600 | | | | | | | | | |
| cu ft hotwell storage. Incls 10096 | | | | | | | | | |
| almn-brs tubes. | | | | | | | | | |
| Condenser Shell | אד | 1 | 197.50 | 207.90 | 41,060 | 0.00 | 0 | 120.00 | 23,700 |
| Condenser Tubes - Aluminum-Brass | TN | 1. | 64.25 | 466.20 | 29,953 | 0.00 | 0 | 2,800.00 | 179,900 |
| Condenser Foundation - Reinforced Concrete | CY | 1 | 62.00 | 81.60 | 5,059 | 134.00 | 8,308 | 0.00 | 0 |
| Subtotal | | | | | 76,073 | | 8,308 | | 203,600 |
| | | | | | | | | | |
| Auxiliary Equipment | | | | | | | | | |
| Condensate Pumps (includes 200 hp motors) | IN | 3 | 12.75 | 277.20 | 3,534 | 0.00 | 0 | 120.00 | 1,530 |
| Reinforced Concrete For Condensate Pumps | CY | 1 | 8.90 | 81.60 | 726 | 134.00 | 1,193 | 0.00 | 0 |
| Subtota | | | | | 4,261 | | 1,193 | | 1,530 |
| Cooling Water Equipment | | | | | | | | | |
| Cooling Water Pumps - Aurora 2000 com | TN | 2. | 1.20 | 277.20 | 333 | 0.00 | 0 | 120.00 | 144 |
| Cooling Water Pumps - Reinforced Concrete | CY | 1 | 3.10 | 81.60 | 253 | 134.00 | 415 | 0.00 | 0 |
| Cooling Water Heat Exchangers - 1 mil #/hr | TN | 1 | 6.15 | 277.20 | 1.705 | 0.00 | 0 | 120.00 | 738 |
| Reinf Concr for Cooling Water Heat Exchangers | CY | 1 | 0.50 | 81 60 | .,100 A1 | 134.00 | 67 | 0.00 | |
| Sealing Water Sys - Cling Wtr & Gind SI Triks | TN | 1 | 2.05 | 277.20 | 568 | 0.00 | | 120.00 | 248 |
| Subtotal | | | 2.00 | | 2 899 | 0.00 | A92 | 120.00 | 1 128 |
| | | | | | 2,000 | | 102 | | 1,120 |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Newsure | Total Disposal Cost | Saivage Value per Unit of | Total Salvage Value |
|--|--------------------|------------------------|------------------------------|---|--------------------------|--|---------------------------|---------------------------------|---------------------------|
| Miscellaneous Equipment | TN | 1 | 18.32 | 447.30 | 8,195 | 0.00 | 0 | 120.00 | 2.198 |
| Total Account 314 | | | | | 623,190 | | 99,843 | 120.00 | 383,303 |
| FERC Account 315 Accessory Electrical Equipment | | | | | | | | | |
| Foundations and Structures | | | | | | | | | |
| Generator Leads & Supports | | | | | | | | | |
| Structural Stack | | 1 | 33.10 | 81.60 | 2,701 | 134.00 | 4,435 | 0.00 | 0 |
| Cenerator Loade Enclosume | | 1 | 7.70 | 207.90 | 1,601 | 0.00 | 0 | 120.00 | 924 |
| Subtotal | | I | 4.04 | 277.20 | 5,643 | 0.00 | 4,435 | 120.00 | 581 1,505 |
| Power Conversion Equipment | | | | | | | | | |
| 2400 V Metal Clad Switchgear | TN | 2 | 44.50 | 447.30 | 19,905 | 0.00 | 0 | 120.00 | 5,340 |
| 480 V Metal Clab Switchgear | TN | 2 | 36.50 | 447.30 | 16,326 | 0.00 | 0 | 120.00 | 4,380 |
| Main Exciter Starting Transformer 5000 km | | 1 | 8.38 | 447.30 | 3,748 | 0.00 | 0 | 120.00 | 1,006 |
| Transformer Conner | | 4 | 12.00 | 447.30 | 5,368 | 0.00 | 0 | 120.00 | 1,440 |
| Reinforced Concrete for Starting Transformer | CY. | 1 | 10.00 | 400.20 | 2,230 | 124.00 | 2 667 | 5,000.00 | 24,000 |
| Conduit | TN | 1 | 40.00 | 447.30 | 17 892 | 0.00 | 2,007 | 120.00 | 4 800 |
| Concrete | CY | 1 | 447.80 | 32.64 | 14.616 | 134.00 | 5.360 | 0.00 | 4,000 |
| Generator Leads (all copper tubing) | TN | 1 | 12.50 | 756.00 | 9,450 | 0.00 | 0,000 | 5.000.00 | 62.500 |
| Power Wiring | TN | 1 | 20.89 | 756.00 | 15,793 | 0.00 | 0 | 2,100.00 | 43,869 |
| Control Cable & Supporting Cable Trays | TN | 1 | 1.07 | 756.00 | 809 | 0.00 | 0 | 2,100.00 | 2,247 |
| Subtotal | | | | | 107,769 | | 8,027 | | 149,582 |
| Total Account 315 | | | | | 113,412 | | 12,462 | | 151,086 |
| FERC Account 316 | | | | | | | | | |
| Air Compressor System | TN | 7 | 4 20 | 277 20 | 1 104 | 0.00 | | 400.00 | 504 |
| Total Account 316 | | Z | 4.20 | 217.20 | 1,164 | 0.00 | 0 | 120.00 | 504 504 |
| TOTAL CUTLER UNIT 5 | | | | | 2,101,514 | | 576,354 | | 1,056,355 |
| CUTLER UNIT 6 | | | | | | | | | |
| FERC Account 311 | | | | | | | | | |
| Improvements to Site | | | l l | | | | | | |
| Reinforced Concrete | CY | 1 | 43,70 | 81.60 | 3.566 | 134.00 | 5,856 | 0.00 | 0 |
| Asphalt Paving | CY | 1 | 202.54 | 32.64 | 6,611 | 134.00 | 27,140 | 0.00 | ō |
| Subtotal | | | | | 10,177 | | 32,996 | | Ö |
| Condensing and Service Water System | 734 | 1 | 3.00 | 270 00 | | 0.00 | | 100 | |
| Reinforced Concrete " Pining | | 1 | 3.60 | 3/8.00 | 1,436 | 0.00 | 0 | 120.00 | 456 |
| Salt Water Well Pump System | TN | 1 | 1.62 | 277 20 | 1,404 | 134.00 | 2,305 | 0.00 | 0 |
| Reinforced Concrete - Intake Structure | CY | 1 | 373.00 | 81.60 | 30 437 | 134.00 | 40 082 | 120.00 | 194 |
| Structural Steel | TN | 1 | 64,90 | 207.90 | 13,493 | 0.00 | 40,00Z | 120.00 | 7 788 |
| Traveling, Fine and Coarse Screens | TN | 1 | 19.74 | 277.20 | 5,472 | 0.00 | ő | 120.00 | 2.369 |
| Piping (Cast Iron - 48") | TN | 1 | 292.40 | 378.00 | 110,527 | 0.00 | 0 | 120.00 | 35,088 |

| | | Number of | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value per | Total |
|---|----------|--------------|----------------|---------------------|---------|----------------------|----------|----------------------|-----------------|
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Pining (Concrete - 48") | Measure | | Measure | Méasure | Cost | Measure | Cost | of Measure | Value |
| Concrete | | 1 | 100.00 | 312.60 | 33,420 | 134.00 | 14,319 | 0.00 | 0 |
| Reinforced Concrete | CY | 1 | 233.30 | 91.60 | 7,015 | 134.00 | 31,262 | 0.00 | 0 |
| Subtotal | C1 | • | 32.30 | 01.00 | 2,052 | 134.00 | 4,300 | 0.00 | 45 605 |
| Coolda | | | | | 200,910 | | 102,223 | | 45,895 |
| Station Structures | | | | | | | | | |
| Walls & Floors - Unreinforced Concrete | CY | 1 | 351.50 | 32.64 | 11 473 | 134.00 | 47 101 | 0.00 | |
| Reinforced Concrete - Walls & Floors | CY | 1 | 1,277,40 | 81.60 | 104,236 | 134 00 | 171 172 | 0.00 | ő |
| Structural Steel | TN | 1 | 158,90 | 207.90 | 33,035 | 0.00 | 0 | 120.00 | 19.068 |
| Grating and Steel Plate | TN | 1 | 10.30 | 447.30 | 4.607 | 0.00 | 0 0 | 120.00 | 1.236 |
| Steel Platforms, Stairs, Ladders, Handrailing | TN | 1 | 24.80 | 447.30 | 11.093 | 0.00 | o | 120.00 | 2 976 |
| Reinforced Concrete - Floors, Drains & Sumps | CY | 1 | 6.90 | 81.60 | 563 | 134.00 | 925 | 0.00 | |
| Station Crane | TN | 1 | 74.00 | 207.90 | 15,385 | 0.00 | 0 | 120.00 | 8.880 |
| Subtotal | | | | | 180,392 | | 219,197 | | 32,160 |
| | | | | | | | | | ,, |
| Total Account 311 | | | | | 397,479 | | 354,417 | | 78,055 |
| FERC Account 312 | | | | • | | | | | |
| Boller Plant Equipment | | | | | | | | | |
| Fuel Oil Inster Pump - 420 gpm (w/50 hp mtr) | TN | 2 | 1.70 | 277.20 | 471 | 0.00 | 0 | 120.00 | 204 |
| Unicading Pump - 1225 gpm (w/125 hp motor) | TN | 1 | 3.50 | 277.20 | 970 | 0.00 | 0 | 120.00 | 420 |
| Stripping Pump - 200 gpm | TN | 1 | 1.06 | 277.20 | 294 | 0.00 | 0 | 120.00 | 127 |
| Reinforced Concrete for Pumps | CY | 1 | 4.30 | 81,60 | 351 | 134.00 | 576 | 0.00 | 이 |
| 0, 10', 12' basket fuel oil strainers | 14N | 1 | 2.55 | 277.20 | 707 | 0.00 | 0 | 120,00 | 306 |
| Fund Ruman Duman | CY | 1 | 11.40 | 81.60 | 930 | 134.00 | 1,528 | 0.00 | 0 |
| Poinformed Congrets for Evel Rumon Rumon | IN CY | 4 | 3.00 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Formed Draft Forme | | 1 | 29,70 | 81.60 | 2,424 | 134.00 | 3,980 | 0.00 | 0 |
| Motors for Forred Draft Fane | | 2 | 15.88 | 207.90 | 3,301 | 0.00 | 0 | 120.00 | 1,906 |
| Forced Braff Foundation - Reinforced Concrete | CY CY | 2 | 0.20 150.40 | 211.20 | 1,464 | 0.00 | 0 | 120.00 | 634 |
| Durte | | | 102.10 | 01.00 | 12,411 | 134.00 | 20,381 | 0.00 | 0 |
| Duct Incutation | CY | 1 | 240.00 | 211.20 | 44,352 | 0.00 | 0 | 120.00 | 19,200 |
| Reinf Concrete for E.O. Stm. Cond. Divisor | CY | 1 | 240.00 | 1,230.00 | 300,000 | 100.00 | 24,000 | 0.00 | 0 |
| Subtotal | Çī | | 50.00 | 81.60 | 4,080 | 134.00 | 6,700 | 0.00 | 0 |
| Subblai | | | | | 312,581 | | 57,165 | | 23,156 |
| Boiler Equipment | | · | | | ſ | | | | |
| Concrete Reinforced Boiler Foundation Piers | CY | 1 | 21 30 | 81.60 | 1 738 | 134.00 | 2 854 | 0.00 | |
| Concrete Deck Slabs | CY | 1 | 40.70 | 81.60 | 3 321 | 134.00 | 5 454 | 0.00 | |
| Structural Steel | TN | 1 | 768.80 | 207.90 | 150 834 | 0.00 | 0,404 | 120.00 | 02.256 |
| Platform Grating and Handrait | TN | 1 | 90.60 | 447 30 | 40 525 | 0.00 | 0 | 120.00 | 82,200 |
| Gas Piping | TN | 1 | 41.00 | 277 20 | 11 385 | 0.00 | 0 | 120.00 | 10,072 |
| Steam Generation Unit - including: | | • | | 2.17.20 | 11,000 | 0.00 | 0 | 120.00 | 4,820 |
| Drum | TN | 1 | 91.18 | 207.90 | 18,956 | 0.00 | 0 | 120.00 | 10 042 |
| Water walls | TN | 1 | 241.73 | 207.90 | 50 256 | 0.00 | 0 | 120.00 | 20,008 |
| Downcomers | TN | 1 | 70.33 | 207.90 | 14 622 | 0.00 | ő | 120.00 | 29,000 8 440 |
| Airheater | TN | 2 | 148.00 | 207.90 | 30 769 | 0.00 | ő | 120.00 | 17 760 |
| Superheater | TN | 1 | 142.96 | 207.90 | 29 721 | 0.00 | 0 | 120.00 | 17 165 |
| Reheater | TN | 1 | 150,11 | 207.90 | 31,208 | 0.00 | ň | 120.00 | 18 013 |
| Economizer | TN | 1 | 171.93 | 207.90 | 35,744 | 0.00 | 0 | 120.00 | 20,632 |
| Boiler setting - Insulation | CY | 1 | 600.00 | 1,250.00 | 750.000 | 100.00 | B0 000 | 0.00 | 20,002 |
| Boiler setting - brick | CY | 1 | 200.00 | 1,250.00 | 250.000 | 100.00 | 20 000 | 0.00 | ň |
| Copper pipe and tubing | TN | 1 | 67.40 | 466.20 | 31,422 | 0.00 | 0 | 5,000.00 | 337 000 |
| | | | • | | | | * | | |

| Removal Discourt & Salara | 1 init -f | Number of | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value per | Total |
|---|-----------|--------------|--------|---------------------|-----------|----------------------|----------|----------------------|--------------|
| Cost Worksheet | Measure | nente | | Measure | Cont | Measure | Disposal | of Measure | Salvage |
| Model RIC Air Compressors | TN | 1 | 365 | 447.30 | 1 633 | 0.00 | | 120.00 | ¥8100 438 |
| Combust. Critri Egomat - Reinforced Concrete | CY | 1 | 21.30 | 81.60 | 1,738 | 134.00 | 2 854 | 0.00 | 06r 0 |
| Subtotal | | | | | 1.462.852 | | 91,162 | 0,00 | 567.435 |
| | | | | | | | | | |
| Boiler Plant Auxiliaries | | | | | | | | | |
| Feed Water Heaters | | | | | | | | | |
| 7th Extraction Point Crossover Heater | MT | 1 | 31.50 | 207.90 | 6,549 | 0.00 | 0 | 120.00 | 3,780 |
| 11th Extraction Point - High Pressure Heater | TN | 1 | 30.00 | 207.90 | 6,237 | 0.00 | 0 | 120.00 | 3,600 |
| 15th Extraction Point - Intermed. Pres. Htr. | TN | 1 | 11.00 | 207.90 | 2,287 | 0.00 | 0 | 120.00 | 1,320 |
| 17th Extraction Point - Low Pressure Heater | TN | 1 | 11.50 | 277.20 | 3,188 | 0.00 | 0 | 120.00 | 1,380 |
| 19th Extraction Point - Low Pressure Heater | TN | 1 | 11.25 | 277,20 | 3,119 | 0.00 | 0 | 120.00 | 1,350 |
| 20th Extraction Point - Low Pressure Heater | TN | 1 | 19.75 | 277.20 | 5,475 | 0.00 | 0 | 120.00 | 2,370 |
| Deaerating Preheater | IN | 1 | 3.25 | 207.90 | 676 | 0.00 | 0 | 120.00 | 390 |
| Boller Feed Pumps (including motors) | TN | 3 | 57.75 | 207.90 | 12,006 | 0.00 | 0 | 120.00 | 6,930 |
| Boller Feed Pump Ventilation - Fans | TN | 1 | 3.49 | 207,90 | 726 | 0.00 | 0 | 120.00 | 419 |
| Boller Feed Pumps Reinforced Concrete | CY | 1 | 62.60 | 81.60 | 5,108 | 134.00 | 8,388 | 0.00 | 0 |
| Intermediate Pressure Heater Drain Pumps | IN | 2 | 3.18 | 277.20 | 881 | 0.00 | 0 | 120.00 | 382 |
| I.P. Heater Drain Pumps - Reinforced Concrete | CY | 1 | 2.20 | 81.60 | 180 | 134.00 | 295 | 0.00 | 0 |
| Condensate Storage Lank - Reinforced Concrete | CY | 1 | 5,90 | 81.60 | 481 | 134.00 | 791 | 0.00 | 0 |
| Concensate Storage Tank - 60000 gai cap | | 1 | 16.50 | 277.20 | 4,5/4 | 0.00 | 0 | 120,00 | 1,980 |
| Condensate Collecting Tank | IN | 1 | 2.50 | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Compusion and Peedwater Controls | IN | 1 | 1.78 | 447.30 | 796 | 0.00 | 0 | 120.00 | 214 |
| Peedwater Regulator Valves | IN | 1 | 5.75 | 207.90 | 1,195 | 0.00 | 0 | 120.00 | 690 |
| Condenante Deture Contenu (459 5 on 6 out | | 1 | 1.28 | 207.90 | 266 | 0.00 | 0 | 120.00 | 154 |
| Concensate Return Cooler W/156.5 sq ft suft. | | 1 | 1.60 | 277.20 | 444 | 0.00 | D | 120.00 | 192 |
| Biowoff Tank - 6' dia, 7'7' nigh | | 1 | 6.30 | 207.90 | 1,310 | 0.00 | 0 | 120.00 | 756 |
| Diowon Fank - Remorced Concrete | Cr | 1 | 4,90 | 81.60 | 400 | 134.00 | 657 | 120.00 | 0 |
| Subba | | | | | 20,208 | | 10,130 | | 20,206 |
| Beiler Plant Piping | | | | | | | | | |
| General Piping (includes system valves) | | | | | | | | | - |
| 2.5" & Under - Pipe, Valves & Fittings | TN | 1 | 1.79 | 277.20 | 496 | 0.00 | o | 120.00 | 215 |
| 2.5" & Under - Insulation | CY | 1 | 160.00 | 1.250.00 | 200.000 | 100.00 | 16.000 | 0.00 | 0 |
| 2.51" - 8" - Pipe, Valves & Fittings | TN | 1 | 89,64 | 277.20 | 24,848 | 0.00 | 0 | 120.00 | 10,757 |
| 2.51" - 8" - Insulation | CY | 1. | 225.00 | 1,250.00 | 281,250 | 100.00 | 22,500 | 0.00 | 0 |
| Over 8 " - Pipe, Valves & Fittings | TN | 1 | 109.38 | 207.90 | 22,740 | 0.00 | 0 | 120.00 | 13.126 |
| Over 8 " - Insulation | CY | 1 | 89.04 | 63,00 | 5,610 | 31.00 | 2.760 | 0.00 | 0 |
| Extraction Steam Valves | TN | 1 | 1.05 | 207.90 | 218 | 0.00 | , o | 120.00 | 126 |
| Main Steam Stop Valves | TN | 2 | 13.00 | 207.90 | 2,703 | 0.00 | 0 | 120.00 | 1,560 |
| Combined Reheat Stop Valves | TN | 2 | 18.00 | 207.90 | 3,742 | 0.00 | 0 | 120.00 | 2.160 |
| Subtotal | | | | | 541,607 | | 41,260 | | 27,943 |
| Induced Draft Equipment | | | | | | | | | ŕ |
| Stack Breeching | CY | 1 | 173.50 | 81.60 | 14 158 | 134.00 | 23 240 | 0.00 | |
| Foundation - Reinforced Concrete I.D. Fans | CY | 1 | 63,10 | 81.60 | 5,149 | 134.00 | 8 455 | 0.00 | 0 |
| Induced Draft Fans | TN | 2 | 23,70 | 207.90 | 4,927 | 0.00 | 0,400 | 120.00 | 2 844 |
| Motors for Induced Draft Fans | TN | 2 | 11.30 | 277 20 | 3 132 | 0.00 | 0 | 120.00 | 1 354 |
| Dust Separators | TN | 2 | 154.00 | 207 90 | 32 017 | 0.00 | 0 | 120.00 | 18 490 |
| Dust Separators - Reinforced Concrete | CY | 1 | 4.80 | 81 60 | 392 | 134.00 | 643 | 0.00 | 10,400 |
| Soot Disposal Discharge Reinforced Concrete | CY | 1 | 14.20 | 81.60 | 1,159 | 134.00 | 1 903 | 0.00 | ň |
| 150' Stack with Inner Radial Brick Lining | CY | 1 | 187.50 | 81.60 | 15.300 | 134.00 | 25.125 | 0.00 | |
| Concrete Stack Fndtn - Reinforced Concrete | CY | 1 | 290.80 | 81.60 | 23,729 | 134.00 | 38,967 | 0.00 | ő |

| | | Number | | Removal | | Disposal | | Salvage | |
|--|---------|--------|----------|----------|-----------|----------|----------|------------|---------|
| | | of | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Cost worksneet | Measure | nents | Measure | Measure | Cost | Measure | Cost | of Measure | Value |
| Concrete Stack Findth - Concrete | Cr | 1 | 390.80 | 32.64 | 12,756 | 134.00 | 52,367 | 0.00 | 0 |
| Subiotal | | | | | 112,718 | | 150,710 | | 22,680 |
| Miscellaneous Equipment & Steel | TN | 1 | 85.79 | 447.30 | 38,374 | 0.00 | 0 | 120.00 | 10,295 |
| Total Account 312 | | | | | 2,584,728 | | 350,428 | | 677,715 |
| FERC Account 314 | | | | | | | | | |
| Concrete Pedestal | | | | | | | | | |
| Reinforced Concrete | CY | 1 | 568.50 | 81.60 | 46.390 | 134.00 | 76,179 | 120.00 | 0 |
| Subtotal | | | | • | 46,390 | 101.00 | 76,179 | 120.00 | 0 |
| Turbogenerator Equipment | | | | | | | | | |
| Turbine Generator | TN | 1 | 475.00 | 157.50 | 74,813 | 0.00 | 0 | 120.00 | 57,000 |
| Turbine Generator Copper | TN | 1 | 10.45 | 617.40 | 6,452 | 0,00 | 0 | 5,000.00 | 52,250 |
| Turbine Generator Access Foundations | CY | 1 | 14.60 | 81.60 | 1,191 | 134.00 | 1,956 | 0.00 | 0 |
| Turbine Plant Piping | TN | 1 | 207.20 | 277.20 | 57,436 | 0.00 | 0 | 120.00 | 24,864 |
| lurbine insulation | CY | 1 | 370.00 | 63.00 | 23,310 | 31.00 | 11,470 | 0.00 | 0 |
| I urbine Insulation - Asbestos | CY | 1 | 196.00 | 1,250.00 | 245,000 | 100.00 | 19,600 | 0.00 | 0 |
| Subtotal | | | | | 408,202 | | 33,026 | | 134,114 |
| Condensers and Auxiliaries | | | | | ſ | | | | |
| Condenser - 65000 sq ft. single shell w/1600 | | | | | | | | | · . |
| cu ft hotwell storage, incls 9524 | | | | | | | | | |
| aimn-brs tubes. | | | | | | | | | |
| Condenser Shell | TN | 1 | 238.00 | 207.90 | 49,480 | 0.00 | 0 | 120.00 | 28.580 |
| Condenser Tubes | TN | 1 | 69.95 | 207.90 | 14,543 | 0.00 | ō | 2,800,00 | 195 880 |
| Condenser Foundation - Reinforced Concrete | CY | 1 | 5.90 | 81.60 | 481 | 134.00 | 791 | 0.00 | 0 |
| Subtotal | | | | | 64,504 | | 791 | | 224,420 |
| Auxiliary Equipment | | | | | | | | | |
| Condensate Pumps - w/300 hp motors | TN | 3 | 17.25 | 277.20 | 4,782 | 0.00 | 0 | 120.00 | 2 070 |
| Steam Jet Air Ejectors | TN | 1 | 2.50 | 277.20 | 693 | 0.00 | ő | 120.00 | 300 |
| Silencers for Blowoff Tank | TN | 1 . | 2.58 | 277.20 | 715 | 0.00 | ő | 120.00 | 310 |
| Subtotal | | | | | 6,190 | | 0 | | 2,680 |
| Cooling Water Equipment | | | | | | | | | |
| Cooling Water Pumps - Aurora 2000 gpm w/60 hp | TN | 2 | 1.20 | 277.20 | 333 | 0.00 | 0 | 120.00 | 144 |
| Cooling Water Pumps - Reinforced Concrete | CY | 1 | 0.40 | 81.60 | 33 | 134.00 | 54 | 0.00 | 0 |
| Cooling Water Heat Exchangers - 1 mil #/hr | TN | 1 | 6.15 | 277.20 | 1.705 | 0.00 | 0 | 120.00 | 738 |
| Reinf Concr for Cooling Water Heat Exchangs. | CY | 1 | 0.90 | 81.60 | 73 | 134.00 | 121 | 0.00 | 0 |
| Subtotal | | | | | 2,144 | | 174 | ••••• | 882 |
| Miscellaneous Equipment & Steel | TN | 1 | 24.17 | 447.30 | 10,811 | 0.00 | o, | 120.00 | 2,900 |
| Total Account 314 | | · | | | 538,240 | | 110,170 | - | 364,996 |
| FERC Account 315 Accessory Electrical Equipment Foundations and Structures Generator Leads & Supports | | | | | | | | | |

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| | | Number | | Removal | | Disposal | | Salvage | |
|--|-----------|--------|----------|----------|-----------|----------|-----------|------------|-----------|
| | | of | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | of Measure | Value |
| Reinforced Concrete | CY | 1 | 47.60 | 81.60 | 3,884 | 134.00 | 6,378 | 0.00 | 0 |
| Structural Steel | ŤN | 1 | 20.97 | 207,90 | 4,360 | 0.00 | 0 | 120.00 | 2,516 |
| Generator Leads Enclosures | TN | 1 | 19.35 | 277.20 | 5,364 | 0.00 | 0 | 120,00 | 2,322 |
| Manholes & Handholes - Reinforced Concrete | CY | 1 | 46.40 | 81.60 | 3,786 | 134.00 | 6,218 | 0.00 | 0 |
| Auxiliary Power Trnsfmr - Reinforced Concr. | CY | 1 | 5.50 | 81.60 | 449 | 134.00 | 737 | 0.00 | 0 |
| Station Service Trnsfmms - Reinforced Concr. | CY | 1 | 13.00 | 81.60 | 1,061 | 134.00 | 1,742 | 0.00 | 0 |
| Metal Clad 2400 v Switchgear - Reinf. Concr. | CY | 1 | 31.00 | 81.60 | 2,530 | 134.00 | 4,154 | 0.00 | 0 |
| Subtotal | | | | | 21,433 | | 19,229 | | 4,838 |
| Power Conversion Equipment | | | | | | | l l | | |
| 2400 V Metal Clad Switchgear | TN | 2 | 36.00 | 447.30 | 16,103 | 0.00 | 0 | 120.00 | 4,320 |
| 480 V Metal Clad Switchgear | TN | 2 | 30.00 | 447.30 | 13,419 | 0.00 | 0 | 120.00 | 3,600 |
| Main Exciter | TN | 1 | 15.08 | 447.30 | 6,745 | 0.00 | 0 | 120.00 | 1,810 |
| Starting Transformer | TN | 1 | 9.00 | 447.30 | 4,026 | 0.00 | 0 | 120.00 | 1,080 |
| Transformer Copper | TN | 1 | 3.60 | 466.20 | 1,678 | 0,00 | 0 | 5,000.00 | 18,000 |
| Conduit | TN | 1 | 56.50 | 447.30 | 25,272 | 0.00 | 0 | 120.00 | 6,780 |
| Concrete | CY | 1 | 518.10 | 32.64 | 16,911 | 134.00 | 69,425 | 0.00 | 0 |
| Station Insulators | TN | 1 | 8.10 | 447.30 | 3,623 | 0.00 | 0 | 120.00 | 972 |
| Generator Leads - Copper | TN | 1 | 16.00 | 756.00 | 12,096 | 0.00 | 0 | 5,000.00 | 80,000 |
| Buss Fittings | TN | 1 | 3,90 | 447.30 | 1,744 | 0.00 | 0 | 120.00 | 468 |
| Power Wiring | TN | 1 | 26.74 | 756.00 | 20,215 | 0.00 | 0 | 2,100.00 | 56,154 |
| Control Wiring | TN | 1 | 25.79 | 756.00 | 19,497 | 0.00 | 0 | 2,100.00 | 54,159 |
| Other Cable | TN | 1 | 2,30 | 756.00 | 1,739 | 0.00 | Q | 2,100.00 | 4,830 |
| Rigid Steel Conduit | | 1 | 8.29 | 277.20 | 2,298 | 0.00 | 0 | 120.00 | 995 |
| Subtotal | | | | | 145,367 | | 69,425 | | 233,167 |
| Total Account 315 | | | | | 166,800 | | 88,654 | | 238,006 |
| FERC Account 316 | | | | | | | | | |
| Miscellaneous Power Plant Equipment | Th | | 4.20 | 077 00 | 4 400 | 0.00 | , I | 400.00 | . 540 |
| Air Compressor System | 1 N | 2 | 4.30 | 211,20 | 1,192 | 0.00 | | 120.00 | 510 |
| Total Account 316 | | | | | 1,192 | | U | | 516 |
| TOTAL CUTLER UNIT 6 | | | | | 3,688,439 | | 903,669 | | 1,359,288 |
| TOTAL CUTLER COMMON & UNITS 5 & 6 | | | | | 6,416,135 | | 2,149,969 | | 2,759,276 |

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DeSoto Solar Energy Center

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DeSoto Solar Energy Center

The site of DeSoto Next Generation Solar Energy Center is near Arcadia, in West Florida. The 25 MW facility is expected to go in-service by the end of 2009 and will be the largest solar photovoltaic (PV) power plant in the world. Its solar panels will provide electricity for about 3,000 homes over 30 years.

The plant will employ new technologies that will make its solar energy generation capability more efficient than other photovoltaic plants.

The use of bifacial (two-sided) solar panels will permit the capture of indirect as well as direct rays of the sun, thus permitting more power to be generated per solar cell. Special surfaces on the back of the new-technology solar panels capture and convert the indirect sunlight into additional electricity, thereby improving efficiency.

This filing is the first time that Florida Power & Light has requested dismantlement accruals for this DeSoto Solar Energy Center.

Due to the early stage of construction of the DeSoto solar station, the equipment list and related information used for the development of its dismantlement calculation is not, at this point, definitive and will be need to be updated and improved upon in future dismantlement studies.

The economic recovery date of this solar energy station is 2039. The dismantlement of the facility is assumed to require two years beginning in 2044.

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DESOTO PHOTOVOLTAIC SOLAR PLANT SUMMARY OF DISMANTLEMENT COSTS

| | | | • | | | |
|---------|--|-----------|----------|---------|-----------------|--|
| | | Removal | Disposal | Salvage | | |
| FERC | | Cost | Cost | Value | Total | |
| Account | Description | (A) | (B) | (C) | (D)=(A + B - C) | |
| | | | | | | |
| | DeSoto Photovoltaic Plant | | | | | |
| | Production Plant | | | | | |
| 343 | Prime Movers | 632,046 | 89,785 | 193,442 | 528,388 | |
| 345 | Accessory Electrical Equipment | 15,215 | 19,525 | 22,060 | 12,680 | |
| | Subtotal | 647,261 | 109,310 | 215,502 | 541,068 | |
| | <u>Other Site Costs:</u> Site Management Expenses | 564,984 | | | 564.984 | |
| | Subtotal | 564,984 | 0 | 0 | 564,984 | |
|] | | | | | | |
| | Total Common excluding M&S | 1,212,245 | 109,310 | 215,502 | 1,106,052 | |
| | Contingency - 16% | 16% | 16% | | 0 | |
| | De Soto Contingency | 193,959 | 17,490 | 0 | 211,449 | |
| | Total Including Contingency | 1,408,204 | 126,800 | 215,502 | 1,317,501 | |
| | Total Common Including Unusable M&S | 1,406,204 | 128,800 | 215,502 | 1,317,501 | |

DESOTO SOLAR PHOTOVOLTAIC PLANT

| DISMANTLEMEN | T COST FOR INFLATION I | PROJECTION |
|--------------|------------------------|------------|
| | | |

| | | Material & | | | |
|-------------------------|---------|------------|---------|---------|-----------------------|
| | Labor | Equipment | Buriai | Salvage | Total |
| Description | (A) | (8) | (C) | (D) | (A) + (B) + (C) - (D) |
| DeSoto Solar Energy Ctr | 843,722 | 562,481 | 126,800 | 215,502 | 1,317,501 |
| Total | 843,722 | 562,481 | 126,800 | 215,502 | 1,317,501 |

Labor is 60% of Removal Cost from Summary of Dismantlement Costs.

Material & Equipment is 40% of Removal Cost from Summary of Dismantlement Costs.

Burial is 100% of Disposal Cost from Summary of Dismantlement Costs.

Salvage is 100% of Salvage from Summary of Dismantlement Costs.
DESOTO SOLAR SITE DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground sewer and water piping and electrical conduits;

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for the site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

Any switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However, the dismantlement cost of substation equipment is not included in this study so as to avoid duplicating recovery of expense already included in the net salvage factor of the substation plant accounts' depreciation rates.

It is assumed that dismantlement activity at DeSoto will begin five years after end of service. The economic recovery dates used for this assumption are as follows:

| <u>Units</u> | Economic Recovery Date |
|--------------|------------------------|
| DeSoto 25 MW | 2039 |

It is assumed that any insulation material used at DeSoto will not be hazardous material.

DISMANTLING ACTIVITIES: SOLAR UNITS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, equipment foundations, substructures, support buildings. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.
- Remove top soil/gravel, backfill, and remove foundation.
- Backfill, site grading, seeding and mulching.

DESOTO DISMANTLEMENT STUDY

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the DeSoto Solar Energy Center. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate Includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week

| Labor | \$38.20 | х | 6 | | = | \$229.22 |
|-----------------------------------|---------|----------|---|---|---|----------|
| Foreman | \$49.12 | х | 1 | | = | \$49.12 |
| Heavy Equipment Operator | \$46.22 | Х | 1 | | = | \$46.22 |
| Total Cost per hour of 8 man crew | | | | | | \$324.56 |
| Cost per man hour | | \$324.56 | 1 | 8 | = | \$40.57 |
| | | | | | | |

Equipment Rate

1

The equipment rate is based on the following equipment:

| Crane/Excavator Front End Loader Cutting Equipment | t | | | 34,370.00 6,824.90 |
|--|---|-----|-------------------|----------------------------|
| Total per month | | | | \$41,426.65 |
| 41,426.65 | 1 | 176 | hours per month = | 235.38 |
| Cost per man hour Plus: amount for small tools Total Cost per man hour | | | \$235.38 / 8 = | \$29.42 1.00 \$30.42 |

DESOTO DISMANTLEMENT STUDY

Equipment & Labor Summary

| Labor Equipment Total | \$40.57 30.42 \$70.99 |
|--|-----------------------------|
| Rounded | \$71.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$76.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| Components | Hourly Rate | Productivity Factor | Remo | val Factor |
|--|-------------|---------------------|------------|------------|
| Extra Heavy Steel (1) | \$71.00 | 2.50 MH / Ton | \$177.50 | / Ton |
| Heavy Steel (2) | \$71.00 | 3.30 MH / Ton | \$234.30 | / Ton |
| General Steel | \$71.00 | 4.40 MH / Ton | \$312.40 | / Ton |
| Light Steel | \$71.00 | 7.10 MH / Ton | \$504.10 | / Ton |
| Concrete (also used for fiberglass pip | \$76.00 | 0.48 MH / CY | \$36.48 | / CY |
| Reinforced Concrete | \$76.00 | 1.20 MH / CY | \$91.20 | / CY |
| Copper-Elect. Cable & | | | | |
| Generator Leads & | \$71.00 | 12.00 MH / Ton | \$852.00 | / Ton |
| Copper - Generator | \$71.00 | 9.80 MH / Ton | \$695.80 | / Ton |
| Copper - Transformer | \$71.00 | 7.40 MH / Ton | \$525.40 | / Ton |
| General Insulation | \$71.00 | 1.00 MH / CY | \$71.00 | / CY |
| Inground Pipe-Metal(3) | \$71.00 | 6.00 MH / Ton | \$426.00 | / Ton |
| Concrete Pipe | \$76.00 | 4.60 MH / Ton | \$349.60 | / CY |
| Asbestos Insulation | | | \$1,353.00 | / CY |

(1) Includes turbine generator.

(2) includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Gulf Disposal WM Landfill. Concrete and calcium silicated insulation are non-hazardous wastes. The tipping fee of \$39.75/ton was obtained from the Landfill. The dumpster rate are \$325 per haul for a 20 cubic yard dumpster and \$375 per haul for a 30 cubic yard dumpster. There is a four ton deductible for the 20 cubic yard dumpster and a six ton deductible for the larger, 30 cubic yard dumpster.

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

DESOTO DISMANTLEMENT STUDY

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Truck Cost (incl. driver) Tipping Fees Total Cost per round Trip | \$325.00 \$39.75 | / haul / ton | ×× | 1 26.5 | haul tons | = | \$325.00 \$1,053.38 1,378.38 4 ton deductible |
|--|---------------------|-----------------|---------------|-----------|--------------|---|---|
| Cost per Cubic Yard Plus 10% contractor profit Total Cost per Cubic Yard | \$1,378.38 | / 15.38 | cubic yards = | | | | \$89.62 |
| Rounded Cost per Cubic Y | /ard | | | | | | \$99.00 |

insulation - Calcium Silicate

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds or .060750 tons. 30 cubic yards times .060750 tons/cubic yard = 1.82 tons. 1.82 tons is less than the six ton deductible so the tipping fee is included in the per haul charge.

Insulation -Calcium Silicate

| Truck Cost (Incl. driver) | \$375.00 | / haul | х | 1 | haul | = | \$375.00 | |
|----------------------------|----------|---------|-------------|---|------|---|------------------|---------|
| Tipping Fees | \$39.75 | / ton | х | 0 | tons | = | 0.00_ | |
| Total Cost per round Trip | | | | | | | 375.00 6 ton ded | uctible |
| Cost per Cubic Yard | \$375.00 | /27 cut | oic yards ≠ | | | | \$13.89 | |
| Plus 10% contractor profit | | | - | | | | 1.39_ | |
| Total Cost per Cubic Yard | | | | | | | \$15.28 | |
| Rounded Cost per Cubic Y | ard | | | | | | \$15.00 | |

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |
| OTHER SITE COSTS | |

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month. These expenses are assumed to be incurred over the 12 month dismantlement period assumed for the DeSoto Solar Energy Center. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management supervision, security and other costs.

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-----------|
| Number of months | 12 |
| Total Site Management Expenses | \$564,984 |
| | |

| Desoto Photovoltaic Station | | | | Removal | | Disposal | | | |
|---|---|----------|---------|----------|---------|----------|----------|----------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | U | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| | | | | | | | | | |
| Desoto Photovoltaic | | | | | | | | | |
| Account 343 Prime Movers | | | | | | | | | |
| Solar Thermal System | | | | | | | | | |
| Foundation | 1 | 906,77 | CY | 91.20 | 82,697 | 99.00 | 89,770 | 120.00 | 0 |
| Solar Panels | 1 | 0.53 | TN | 234.30 | 124 | 0.00 | 0 | 120.00 | 64 |
| Tracking System | 1 | 350.69 | TN | 312.40 | 109,555 | 0.00 | Ū | 120.00 | 42,083 |
| Enclosure (pre-cast building) | 1 | 2.66 | TN | 312.40 | 831 | 0.00 | 0 | 120.00 | 319 |
| Solar Collection Element (steel frame) | 1 | 0.36 | TN | 312.40 | 114 | 0.00 | 0 | 120.00 | 44 |
| Support Structure | 1 | 1,242.78 | TN | 312.40 | 368,244 | 0.00 | . 0 | 120.00 | 149,133 |
| Isulation | 1 | 645.00 | CY | 71.00 | 45,795 | 71.00 | 15 | 0.00 | 0 |
| Switch Gear | 1 | 15.00 | TN | 312,40 | 4,686 | 0.00 | o | 120.00 | 1,800 |
| | | | | | 632,046 | | 69,785 | | 193,442 |
| | | | | | | | | | |
| Account 345 -Accessory Electric Equipment | | | | | | | | | |
| Solar Thermal System | | | | | | | | | |
| AC Wining | 1 | 5,00 | TN | 312.40 | 1,562 | 0.00 | 0 | 2,100.00 | 10,500 |
| DC Wining | 1 | 3.99 | TN | 312.40 | 1,246 | 0.00 | 0 | 2,100.00 | 8,379 |
| Electrical Raceway | 1 | 20.24 | TN | 312,40 | 6,322 | 0.00 | o | 120.00 | 2,429 |
| Inverters | 1 | 5.53 | TN | 312.40 | 1,729 | 0.00 | 0 | 120.00 | 664 |
| Isulation | 1 | 275.00 | CY | 15.00 | 4,125 | 71.00 | 19,525 | 0,00 | 0 |
| Circuit Breaker | 1 | 0.74 | TN | 312.40 | 230 | 0.00 | 0 | 120.00 | |
| | | | | | 15,215 | | 19,525 | | 22,060 |
| | | | | | | | | | |
| | | | | | | | | | |
| Solar Totals | | | | | 647,261 | | 109,310 | | 215,502 |
| | | | | | | | | | |

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Ft. Lauderdale Plant

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Fort Lauderdale Plant

The Fort Lauderdale Plant is located in Broward County near Dania, Florida. Units No. 4 and 5 have been repowered by changing the main steam source from a conventional boiler to a combined cycle unit that employs Combustion Turbines (CTs) and Heat Recovery Steam Generators (HRSGs). The Westinghouse 501F CTs produce electrical energy by their direct connection to an electric generator. By utilizing the otherwise wasted heat from the combustion turbines, the repowered units are significantly more efficient. The existing steam turbines, electric generators, and associated condenser cooling system continue in service as part of the repowered units. The existing condensing cooling water system draws brackish cooling water from the Dania Cut-Off Canal through intake structures. The water is cooled in a man-made canal/pond system and is discharged to the South Fork New River.

The repowered units burn natural gas or light oil. The site is served by the existing natural gas and light oil pipelines, as well as by a new gas pipeline lateral. The two units have a combined maximum generator nameplate rating of 1,042 megawatts. The commercial operation dates were May 24, 1993 and June 9, 1993 for Units No. 4 and 5 respectively. For purposes of this dismantlement study, the economic recovery dates are:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Unit 4: | 2020 |
| Unit 5: | 2020 |
| Common: | 2020 |

The dismantlement of the plants is assumed to require 2 years beginning five years after those dates.

There are also twenty-four gas turbine modules located at the plant in two groups of twelve units each. These gas turbine modules are used as peaking units only and are fueled by natural gas or #2 light oil as an alternative fuel. The combined maximum generator nameplate rating for the gas turbines is 822 megawatts. For purposes of this study, the economic recovery date of the gas turbines at Ft. Lauderdale is 2020.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Fort Lauderdale plant in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.

FT. LAUDERDALE SUMMARY OF DISMANTLEMENT COSTS

| FERC Account | Description | Removal Cost (A) | Disposal Cost (B) | Salvage Valus (C) | Total (D)=(4 + B - C) |
|-----------------|--|------------------------|-------------------------|-------------------------|--------------------------|
| | | | | (-) | |
| | Ft. Lauderdale Common Broduction Plant | | | | |
| 341 | 1 Structures and improvements | 3 041 497 | 3 074 945 | 777 000 | 5 390 444 |
| 34: | 2 Fuel Holders, Producers, and Accessories | 20.545 | 12 512 | 9 240 | 0,008,441 |
| 34: | 3 Prime Movers | 310.774 | 108,140 | 275,280 | 143.634 |
| 344 | 4 Generators | 0 | 0 | 0 | 0 |
| 34 | 5 Accessory Electric Equipment | 178,806 | 27,416 | 230,220 | (23,998) |
| 346 | 6 Miscellaneous Power Plant Equipment | | | | |
| | Subtotal | 3,551,622 | 3,223,013 | 1,291,740 | 5,482,895 |
| | Other Site Costs: | | | | |
| | Site Management Expenses | 1,129,968 | | | 1 129 968 |
| | Other Site Contamination - Special Waste | 336,666 | | | 336,666 |
| | Intake & Discharge Backfill | 123,371 | | | 123,371 |
| | Grading & Seeding | 2,905,560 | | | 2,905,560 |
| | Subtotal | 4,495,565 | 0 | 0 | 4,495,565 |
| | Total | 8 047 197 | 3 223 013 | 1 201 740 | 0.079.400 |
| | Contingency - 16% | 1,287,550 | 515 682 | 1,231,740 | 5,5/0,400 1,803,232 |
| | Total Ft. Lauderdale Common | 9,334,737 | 3,738,695 | 1,291,740 | 11,781,692 |
| | Lisuashia MCC investory | | | | |
| | Unusable Mas inventory | 5,951,201 | | 595,120 | 5,356,081 |
| | Long Longergie common lucing oursens was inventory | 15,265,856 | 3,738,685 | 1,886,860 | 17,137,773 |
| | Ft. Lauderdale Unit 4 | | | | |
| 341 | 1 Structures and Improvements | 1,588,122 | 967,104 | 429,840 | 2,125,386 |
| 342 | 2 Fuel Holders, Producers, and Accessories | 235,188 | 51,463 | 71,112 | 215,539 |
| 343 | 3 Prime Movers | 1,604,080 | 264,504 | 884,600 | 983,984 |
| 344 | 4 Generators | 586,927 | 302,845 | 375,548 | 514,224 |
| 340 | 3 Accessory Electric Equipment | 575,082 | 165,312 | 635,530 | 104,864 |
| 340 | Subtotal | 33,553 | 23,644 | 5,760 | 51,537 |
| | Contingency - 18% | 9,020,002 | 1,//4,0/2 | 2,402,380 | 3,880,033 |
| | Total Ft. Lauderdale Unit 4 | 5.362 740 | 2 058 851 | 2 402 390 | 5 019 201 |
| | | | E10001001 | #,408,000 | 0,010,201 |
| | Ft. Lauderdale Unit 5 | | • | | |
| 341 | 1 Structures and Improvements | 313,709 | 254,932 | 38,280 | 530,361 |
| 342 | 2 Fuel Holders, Producers, and Accessories | 155,561 | 28,071 | 46,752 | 136,879 |
| 343 | 3 Prime Movers | 1,316,975 | 152,628 | 827,080 | 642,523 |
| 344 | | 582,832 | 299,073 | 706,688 | 175,216 |
| 346 | A Miscellaneous Dower Dight Equipment | 460,263 | 133,572 | 352,570 | 67,285 |
| | Subtotal | 2 878 279 | 881 616 | 2 176 170 | 1 583 724 |
| | Contingency - 15% | 460,525 | 141.059 | 1 , 110, 110 | 601 583 |
| | Total Ft. Lauderdale Unit 5 | 3,338,803 | 1,022,674 | 2,176,170 | 2,185,307 |
| | Et Laudardala Cas Turkinsa | | | | |
| 341 | 1 Structures and improvements | 10.040 | 19 000 | | 00.040 |
| 345 | 2 File Holders Broducers and Accessories | 12,240 | 13,800 | U | 26,040 |
| 347 | 3 Prime Movers | 210 002 | 0 | 226.060 | 000 4 65 |
| 344 | 4 Generators | 6 924 | 0 | 18 864 | -14 940 |
| 345 | 5 Accessory Electric Equipment | 5.796 | ŏ | 26,500 | -20,704 |
| 346 | 5 Miscellaneous Power Plant Equipment | 0 | Ō | 0 | 0 |
| | Subtotal | 547,205 | 13,800 | 271,444 | 289,561 |
| | Contingency - 16% | 87,553 | 2,208 | | 89,761 |
| | Total Ft. Lauderdale Gas Turbines | 634,757 | 16,008 | 271,444 | 379,321 |
| | Total Dismantlement Costa | 24,622,239 | 6,836,228 | 6 736.864 | 24 721 603 |
| | | - 111 | 0,000,220 | | |

| FT. LAUDERDALE DISMANTLEMENT COST FOR INFLATION PROJECTION | | | | | | | | |
|---|--------------|--------------------------------|---------------|----------------|--------------------------------|--|--|--|
| Description | Labor (A) | Material & Equipment (8) | Buriai (C) | Salvage (D) | Total (A) + (B) + (C) - (D) | | | |
| Ft. Lauderdale Common | 5,600,842 | 9,685,098 | 3,738,695 | 1,886,860 | 17,137,773 | | | |
| Ft. Lauderdale Unit 4 | 3,217,644 | 2,145,098 | 2,058,851 | 2,402,390 | 5,019,201 | | | |
| Ft. Lauderdale Unit 5 | 2,003,282 | 1,335,521 | 1,022,674 | 2,178,170 | 2,185,307 | | | |
| Ft. Lauderdale Gas Turbines | 380,854 | 253,903 | 16,008 | 271,444 | 379,321 | | | |
| Total | 11,202,623 | 13,419,616 | 6,836,228 | 6,736,864 | 24,721,603 | | | |

Labor is 60% of Removal Cost(excluding unusable inventory) from Summary of Dismantlement Costs. Material & Equipment is 40% of Removal Cost (excluding unusable inventory) from Summary of Dismantlement Costs, plus unusable inventory. Burial is 100% of Disposal Cost from Summary of Dismantlement Costs. Salvage is 100% of Salvage from Summary of Dismantlement Costs.

FT. LAUDERDALE DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits (underground concrete piping to be collapsed);
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

FT. LAUDERDALE DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However, the dismantlement cost of substation equipment in not included in this study, so as to avoid the possibility of duplicating recovery of costs already included in the net salvage factor of the substation plant accounts' depreciation rates.

An expandable grout will be used to remove the turbine pedestals. The chimneys will be control-blasted.

It is assumed that dismantlement activity at Ft. Lauderdale will begin five years after end of service. The economic recovery dates used for this assumption are as follows:

| <u>Units</u> | Economic Recovery Date |
|--------------|------------------------|
| Unit 4 | 2020 |
| Unit 5 | 2020 |
| Common | 2020 |

Ft. Lauderdale is an asbestos free site.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Lauderdale Units 4 & 5. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component the plant to calculate a total cost or value for removal, disposal, or salvage of that component,

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$33.05 | Х | 6 | | = | \$198.33 |
|-----------------------------------|---------|----------|---|---|---|----------|
| Foreman | \$41.96 | х | 1 | | = | \$41.96 |
| Heavy Equipment Operator | \$39.99 | х | 1 | | = | \$39.99 |
| Total Cost per hour of 8 man crew | | | | | | \$280.28 |
| Cost per man hour | | \$280.28 | 1 | 8 | = | \$35.04 |

Equipment Rate

Т

The equipment rate is based on the following equipment:

| | Crane/Excavat Front End Loac Cutting Equipm Total per mon | or der hent ith | | | 31,395.00 6,234.15 <u>231.97</u> \$37,861.12 |
|--|--|--------------------------|-----|-------------------|---|
| | 37,861.12 | 1 | 176 | hours per month = | 215.12 |
| Cost per mar Plus: amour Total Cost pe | n hour nt for small tools er man hour | | | \$215.12 / 8 = | \$26.89 1.00 \$27.89 |

Equipment & Labor Summary

| Labor Equipment Total | \$35.04 27.89 \$62.93 |
|--|-----------------------------|
| Rounded | \$63.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$68.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| Components | <u>Hourly Rate</u> | Productivity Factor | Removal Factor |
|------------------------|--------------------|---------------------|----------------|
| Extra Heavy Steel (1) | \$63.00 | 2.50 MH / Ton | \$157.50 / Ton |
| Heavy Steel (2) | \$63.00 | 3.30 MH / Ton | \$207.90 / Ton |
| General Steel | \$63.00 | 4.40 MH / Ton | \$277.20 / Ton |
| Light Steel | \$63.00 | 7.10 MH / Ton | \$447.30 / Ton |
| Concrete | \$68.00 | 0.48 MH / CY | \$32.64 / CY |
| Reinforced Concrete | \$68.00 | 1.20 MH / CY | \$81.60 / CY |
| Copper-Elect. Cable & | | | |
| Generator Leads & | \$63.00 | 12.00 MH / Ton | \$756.00 / Ton |
| Copper - Generator | \$63.00 | 9.80 MH / Ton | \$617.40 / Ton |
| Copper - Transformer | \$63.00 | 7.40 MH / Ton | \$466.20 / Ton |
| General Insulation | \$63.00 | 1.00 MH / CY | \$63.00 / CY |
| Inground Pipe-Metal(3) | \$63.00 | 6.00 MH / Ton | \$378.00 / Ton |
| Concrete Pipe | \$68.00 | 4.60 MH / Ton | \$312.80 / CY |

(1) Includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Central Landfill located at 7101 S.W. 205 Avenue in Ft. Lauderdale, Florida. Concrete and calcium silicated insulation are non-hazardous wastes. The tipping fee is \$30 per ton for both concrete and calcium silicate insulation. The dumpster charge is \$525.00 per haul for a 20 cubic yard dumpster (5 tons deductible) and \$650 per haul for a 30 cubic yard size dumpster (7 tons deductible). These rates were obtained from Waste Mangement.

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. Once cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Dumpster Charge per haul | | | | | | 525.00 |
|----------------------------|------------|---------|-------------------|---------|---|----------|
| Tipping Fee | \$30.00 | /TN | Х | 25.5 TN | = | 765.00 |
| subtotal | | | | | | 1,290.00 |
| Cost per Cubic Yard | \$1,290.00 | / 15.38 | 8 cubic yards 🗖 👘 | | | \$83.88 |
| Plus 10% contractor profit | | | | | | 8.39 |
| Total Cost per Cubic Yard | | | | | | \$92.26 |
| · | | | | | | |
| Rounded Cost per Cubic Yar | d | | | | | \$92.00 |
| | - | | | | | |

Insulation - Calcium Silicate (Non-Hazardous)

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds, or .06075 tons/cubic yard = 1.82 tons.

| Dumpster Charge per haul Tipping Fees | \$74.00 | / TN | x | 0 TN | • | \$650.00 0.00 |
|---|----------|-----------|-----------|------|---|------------------|
| Total Cost per round Trip | | | | | | \$650.00 |
| Cost per Cubic Yard Plus 10% contractor profit | \$650.00 | / 27 cubi | c yards 🗖 | | | \$24.07 2.41 |
| Total Cost per Cubic Yard | | | | | : | \$26.48 |
| Rounded Cost per Cubic Yard | | | | | 1 | \$26.00 |

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| | • |
|------------------------|----------------|
| Iron & Steel | \$120 / ton |
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |
| | |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) and updated by Construction Estimating are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month for site indirect costs. These expenses are to be incurred over the 24 month dismantlement period for the Ft. Lauderdale Plant. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management, supervison, security, etc..

| Site Management Expenses per month | • \$47,082 |
|------------------------------------|-------------|
| Number of months | 24 |
| Total Site Management Expenses | \$1,129,968 |

Intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the intake is \$44,128; the cost for the discharge is \$35,115. Ft. Lauderdale has 2 Intakes and 1 Discharge:

| Quantity | | Cost/ Struct | | |
|---------------|-------------------------------|--------------------|---------|-----------|
| 2 | Intake Structures at : | \$44,128 | equals: | \$88,256 |
| 1 | Discharge Structures at: | \$35,115 | equais: | \$35,115 |
| Total Cost to | Backfill Intake & Discharge & | Structures equals: | | \$123,371 |

Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Lauderdale Acreage to be graded and seeded | 45.70 |
|--|-------------------|
| Cost Factor | \$63, <u>579_</u> |
| Total Grading and Seeding Expense | \$2,905,560 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Ft. Lauderdale, the following cost estimates have been identified:

| Description | Amount |
|--------------------|-----------|
| Lead in paint | 300 |
| Special Waste | 335,344 |
| Tanks/Washwater | 1,022 |
| Total | \$336,666 |

| Removal, Dispacel & Sunago Ukle of Unitor Massure Total Massure Cost per Network Removal Resure Cost per Network Removal Massure Cost per Network Dispacel Massure Unit of Massure Cost Per Rem Unit of Massure Unit Per Rem Unit Massure Unit Massure Value per Massure Continuer, Englishing Continuer, Statutes CY 214 11.02 02.00 16.764 0.00 0 Content discharge Structure CY 214 11.02 02.00 16.764 0.00 0 0.00 0 Participa Explories CY 214 15.70 1.223 02.00 0.00 0 120.00 0 0.00 0 120.00 14.64 Constation Rel Participa Explories CY 1.744 25.44 55.20 22.00 10.00 0 120.00 14.64 Constation Misson CY 2.744 55.20 22.00 10.00 120.00 14.64 Constation Misson CY 2.745 7.733 92.00 2.03.23 | | | | Removal | Total | Disposal | | Salvage | Realizable |
|--|--|---------|----------|----------|-----------|----------|-----------|-----------|------------|
| Memory Lating Satisfy Unit of Locat Cost Muscar Measure Name of Measure Name of Measure Unit of Measure Value Satisfy Account JL: Bructure A Lin Brancoments CY 3:4 11.60 11.60 19.200 19.760 0.00 1 Control: Distance Structure CY 3:50 3:22.44 11.42.00 3:20.00 | | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Control Scalings Control All Instruments Measure Measure Perflem Measure Perflem Measure Perflem Concret All Instruments CY 304 11.00 110.00 19.700 20.00 19.700 Concret All Instruments CY 300 22.44 114.200 27.00 42.65 0.00 0 120.00 3.464 Parement TN 29 27.73 8.056 0.00 0 120.00 3.464 Partering TN 52 27.73 8.056 0.00 0 120.00 3.464 Partering TN 55 27.70 16.032 0.00 0 120.00 4.464 Concrete Fors and Roof CY 2.266 33.86 0.200 0 120.00 149.64 Concrete Fors and Roof CY 2.264 7.31 82.60 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 | Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Jamma Labeling CY 204 11.60 18.966 20.00 19.966 Pavement CY 3.00 12.44 114.240 52.00 22.000 0.00 1 Pavement CY 3.00 12.44 114.240 52.00 22.000 0.00 1 Pavement CY 3.02 27.73 8.030 0.00 0 120.00 3.44 Pavement TRN 12 27.73 2.24 0.00 0 120.00 14.44 Concrete Mats CY 2.461 32.44 93.36 0.00 120.00 14.44 Concrete Mats CY 2.461 32.46 0.00 0 122.00 120.00 7.30 Stucture Steed TN 366 227.90 7.684 0.00 0 122.00 120.00 7.30 Concrete Basemer Floors CY 2.44 33.816 0.00 0 120.00 7.30 Structure Steed TN 3 | Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Measure | Xem |
| Decomment Powernet CY 320 81.00 64.44 92.00 18,764 Powernet CY 3,500 32.24 116.445 92.00 120,00 0.00 0 Concerb Drain Pipe & Supports CY 3,500 32.24 116.456 92.00 0.00 0 120.00 5.44 Paing Engineent TN 6 277.20 2.316 0.00 0 120.00 5.44 Paing Engineent TN 6 277.20 3.348 0.00 0 120.00 4.464 Concerte Basement Floors CY 17.44 32.44 76.832 0.00 0 120.00 160.00 720.00 7.45 70.00 | Common Facilities | | | | | | | | |
| Contaminication Decomposition CY 244 81.60 166.466 22.00 17.786 0.00 Write Treatment Equipment TN 30 277.20 1.722 0.00 0 100.00 1.848 Parsping Expenses TN 82 277.20 2.248 0.00 0 100.00 1.849 Concelas Mail CY 1.744 32.244 65.320 92.00 100.00 1.849 Concelas Mail CY 1.744 32.244 65.320 92.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 18.12 120.00 | Account 341: Structures & Improvements | | | | | | | | |
| $ \begin{array}{c} \hline commerts and Pipe 4. Supports & CY & 3,000 & 32.64 & 111.420 & 122.00 & 22,000 & 0.00 & 4.055 \\ Piping to the property of the proper$ | Concrete - Discharge Structure | CY | 204 | 81.60 | 16,646 | 92.00 | 18,768 | 0.00 | 0 |
| Under Trade / Table Supports CV S3 32.44 1,722 92.00 4,655 0.00 120.00 94.455 Phylog TN 12 277.30 2,018 0.00 0 120.00 96.455 Parylog Explorent TN 12 277.30 2,018 0.00 0 120.00 14.664 Concrete Mats CY 1.746 22.763 33.282 0.00 6 122.00 14.664 Concrete Basement Floors CY 2.781 32.264 73.884 0.00 0 122.00 7.290 Concrete Floors TN 60 277.20 16.83 0.00 0 122.00 15.200 Concrete Floors TN 15 277.20 4.168 0.00 0 122.00 1.800 Concrete Floors TN 15 277.20 4.158 0.00 0 120.00 1.800 Concrete Mats TN 15 277.20 4.158 0.00 0 | Pavement Concente Desite Diale & O | CY | 3,500 | 32.64 | 114,240 | 92.00 | 322,000 | 0.00 | 0 |
| Trade Trade 277.20 8,058 0.00 0 120.00 3,441 Dimolog Equipment TN 5 277.20 8,058 0.00 0 120.00 144.64 Concrete Balament Floors CY 7.24 33,818 0.00 0 120.00 144.64 Concrete Balament Floors CY 2.264 93,335 0.00 0 120.00 7.300 Shuchras Sted TN 366 207.90 7.884 0.00 0 120.00 7.900 Choroth Floors and Flood CY 221 3.264 7.333 0.00 0 120.00 169.00 7.900 Choroth Floors and Flood CY 221 3.264 7.333 0.00 0 120.00 169.00 120.00 169.00 120.00 169.00 120.00 169.00 120.00 169.00 120.00 169.00 120.00 1.980 169.00 120.00 1.980 1.980 1.980 1.980 1.980 1.980 </td <td>Concrete Drain Pipe & Supports</td> <td>CY</td> <td>53</td> <td>32.64</td> <td>1,722</td> <td>92.00</td> <td>4,855</td> <td>0.00</td> <td>0</td> | Concrete Drain Pipe & Supports | CY | 53 | 32.64 | 1,722 | 92.00 | 4,855 | 0.00 | 0 |
| Party Decomposition IN B 277.20 3.2.16 0.00 0 122.00 feet Decomposition IV 122 277.20 3.3.416 0.00 0 120.00 144.128 Decomposition IV 1724 32.44 56.230 124.128 0.00 4.6 Concrete Floors CY 17.24 32.44 7.213 92.00 2.03 13.930 0.00 0 120.00 16.3.930 Cranes and hold CY 2.21 3.24.4 7.213 92.00 0.03 122.00 18.932 Cranes and hold TN 15 2.07.20 4.453 0.00 0 122.00 1.82.00 Cranes foors and hold TN 450 n/a 100.277 0.00 0 122.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 1.62.00 | vvater Treatment Equipment | TN | 29 | 277.20 | 8,039 | 0.00 | 0 | 120.00 | 3.480 |
| Parting Explorient TN 122 277.20 33.816 0.00 0 120.00 (4.64) Concrete Mais CY 1.766 32.244 93.303 92.00 164,122 0.00 0 Shuctural Steel CY 2.84 32.84 93.303 92.00 162,100 172.000 | Piping | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Loncette Mails CY 1,74 32,64 59,30 92,00 164,128 0.00 Concrete Basement Floors CY 2,861 33,85 92,00 23,122 0.00 120,00 43,800 Pathoma, Hotris & Contings TN 356 22,00 7,834 0.00 0 120,00 7,200 7,200 7,200 7,200 7,200 7,200 7,200 7,200 1,915 0.00 0 120,00 1,812 Concrete Basemant Floors TN 15 27,720 2,405 0.00 0 120,00 1,812 Concrete Foundations TN 15 27,720 2,405 0.00 0 120,00 1,812 CM Storage Tank Cleaning rvia rvia rvia 37,453 0.00 0 120,00 1,522 0.00 0 120,00 1,522 0.00 0 120,00 1,520 1,522 0,00 0 120,00 1,520 1,524 1,514 2,520 1,522 | Pumping Equipment | TN | 122 | 277.20 | 33,818 | 0.00 | 0 | 120.00 | 14.640 |
| Concerns blashmint Hons CY 2,661 32,244 93,353 92,00 223,212 0,00 120,00 73,884 Concress Fibors and Root TN 365 277,20 19,852 0,00 0 120,00 73,804 Concress Fibors and Root TN 60 277,20 37,213 82,00 0 120,00 73,00 Concress Probusts TN 15 227,20 2,485 0,00 0 120,00 1,882 Cancer and Holding Drainage TN 15 227,20 4,158 0,00 0 120,00 1,882 CM Storage Tank TN 40 r/a 74,58 r/a 0 1,882 0,00 120,00 1,882 CM Storage Tank TN 45 1,844 15,014 82,00 1,01,712 0,000 1 0 1,64 1,62,62 0,00 1,64 64,628 0,00 1,64 64,628 0,00 1,64 64,60 0 1,20,00 52,60 | Concrete Mats | CY | 1,784 | 32.64 | 58,230 | 92.00 | 164,128 | 0.00 | 0 |
| Shrutani Seed TN 365 207.90 75,84 0.00 0 120.00 43,800 Conserved Roof CY 221 32,44 7,213 92,00 0.00 7,200 Denserved Roof CY 221 32,44 7,213 92,00 0.00 120,00 7,200 Elevator TN 6 277.20 2,445 0.00 0 120,00 1,800 OX Storage Tank Cleaning TN 460 n/a 102,20 0.00 0 120,00 1,800 OX Storage Tank Cleaning n/a n/a n/a 0,43 350,000 n/a 350,000 0 120,00 1,800 0.00 0 120,00 1,800 0.00 0 120,00 1,800 0.00 0 120,00 1,800 0.00 0 120,00 1,800 0.00 0 120,00 1,800 1,800 0.00 120,00 1,800 0.00 120,00 1,800 1,800 0.00 | Concrete Basement Floors | CY | 2,861 | 32.64 | 93,363 | 92.00 | 263,212 | 0.00 | ō |
| Pathoms, Trinds & UrBings TN 600 277.20 16,652 0.00 0 120.00 72000 Cranes and Rod TN 151 207.60 31,383 0.00 0 120.00 16,122 Cranes and Noise TN 151 207.60 31,383 0.00 0 120.00 1,864 Of Storage Tank TN 15 277.20 4,150 0.00 0 120.00 1,864 Of Storage Tank TN 40 77.20 4,151 0.00 0 120.00 1,864 Of Storage Tank TN 40 0 n/a 77.20 4,151 0.00 0 120.00 55.20 Of Storage Tank TN 40 n/a 0 120.00 1,864 0 0 120.00 120.00 55.20 16.23 0.20 120.00 120.00 2.26 16.23 0.20 120.00 2.26 120.00 2.26 2.20 120.00 2.20 120.00 | | TN | 365 | 207.90 | 75,884 | 0.00 | 0 | 120.00 | 43,800 |
| Londreg Holos and Root CY 22 32.64 7,213 22.00 22.32 0.00 18,22 Elevator TN 9 277.20 2,465 0.00 0 1220.00 18,22 Elevator TN 9 277.20 2,465 0.00 0 1220.00 1.86 Pumbleg and Bulking Drainage TN 15 277.20 4,168 0.00 0 1220.00 1.86 Of Strongs Tark Cleaning n n 1 1 10 277.20 4,168 0.00 0 1220.00 1.86 Of Strongs Tark Cleaning n n 1 1 10 127.20 1.16 0.00 0 1220.00 1.86 Soil Barneys Tark Cleaning n n 1 1 199 32.24 391.315 22.00 10.22 0.00 0 120.00 120.00 1.86 Soil Barneys Tark Cleaning n 1 1 199 32.24 391.315 22.00 10.22 0.00 0 0 120.00 | Platomis, Hindris & Gratings | TN | 60 | 277.20 | 16,632 | 0.00 | 0 | 120.00 | 7 200 |
| Linkes and Hokits TN 151 207 90 31,332 0.00 0 120.00 18,122 Pumbing and Building Drainage TN 15 277.20 2,495 0.00 0 120.00 1,866 Old Storage Trak Cleaning TN 460 r/a r/a 74,938 r/a 0.00 0 120.00 1520.00 55.200 Old Storage Trak Cleaning r/a r/a r/a r/a r/a 74.938 r/a 0 r/a 74.938 r/a 0 r/a 74.938 r/a 0 0 r/a 74.938 r/a 0 0 16.922 0.00 0 120.00 15.014 92.00 11.03,172 0.00 0 120.00 122.00 35.205 0 0 120.00 15.206 0 0 0 120.00 32.20 120.00 32.20 120.00 32.20 120.00 32.20 120.00 32.24 0 0 0 0 0 | Concrete Floors and Roof | CY | 221 | 32.64 | 7,213 | 92.00 | 20,332 | 0.00 | G |
| Laward TN 9 277.20 2,495 0.00 0 120.00 1,098 Pumbing and Building Drainage TN 15 277.20 4,165 0.00 0 120.00 1,800 Od Brange Tark ma ma ma ma 0 ma 100 0 120.00 152.00 152.00 160.22 0.00 0 120.00 160.22 0 160.22 0.00 0 120.00 160.22 0.00 0 120.00 160.22 0.00 0 100.00 100.00 120.00 156.40 0 0 120.00 156.40 120.00 156.40 120.00 1 | Cranes and Hoists | TN | 151 | 207.90 | 31,393 | 0.00 | 0 | 120.00 | 18,120 |
| Pumbing and Building Drainage TN 4 5 277.20 4,158 0.00 0 120.00 55.200 Oll Starage Tank TN 460 r/a 0.00 0 120.00 55.200 Soft Remediation r/a r/a 0.00 0 120.00 55.200 Soft Remediation r/a r/a 0 r/a 35.200 0.00 0 120.00 15.200 Soft Remediation r/a r/a 0 r/a 74.538 r/a 0.00 0 120.00 15.460 Prints TN 122 277.20 832 0.00 0 120.00 15.460 Heaters TN 22 277.20 8.008 0.00 0 120.00 52.460 Truet Slocka CY 1.837 277.20 8.00 0 120.00 52.460 Truet Slocka CY 1.837 277.20 8.00 0 120.00 20.00 20.00 20.00 </td <td>FIGATION</td> <td>TN</td> <td>9</td> <td>277.20</td> <td>2,495</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>1.080</td> | FIGATION | TN | 9 | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1.080 |
| Putnomg and Building Darnage TN 15 277.20 4,158 0.00 0 120.00 15000 Oll Storage Tank Cleaning n/a n/a n/a 0 n/a 350,000 n/a 102.00 55.200 Oll Storage Tank Cleaning n/a n/a 0 n/a 360,000 n/a 65.200 Sola Remediation n/a n/a 0 n/a 76.353 n/a 66.00 16.928 0.00 0 120.00 15.800 File Walls CY 1.84 81.80 15.014 92.00 16.928 0.00 0 120.00 56.800 Party Back Status TN 1.20 277.20 85.20 0.00 0 120.00 56.20 | Diversities and Datable Datable | | | | | | | | |
| In strange rank TN 460 Na 102,270 0.00 0 120,00 55,200 Sol Reneratation n/a n/a n/a 0 n/a 35,00 n/a 0 n/a 35,00 n/a 0 n/a 35,00 n/a 0 n/a 35,00 n/a 0 n/a 0,00 0 120,00 17,00 0 0 17,00 0 0 17,00 0 0 17,00 0 17,00 17,00 15,480 0,00 0 120,00 15,480 15,01 14,355 277,20 6,086 0,00 0 120,00 522,960 167,164 0,00 0 120,00 522,960 167,164 0,00 0 120,00 522,960 17,164 0,00 0 120,00 522,960 17,164 0,00 0 120,00 20,20 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 | Cal Strenge Tools | TN | 15 | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1.800 |
| UN Storger Law Cleaning n/a n/a n/a n/a n/a n/a 350.000 n/a n/a N/a 350.000 n/a | Of Storage Tank | TN | 460 | n/a | 102,270 | 0.00 | 0 | 120.00 | 55,200 |
| Soft Rendization n/a | Un Storage Tank Cleaning | n/a | n/a | n/a | 0 | n/a | 350,000 | n/a | 0 |
| Lonceter Contractions CY 164 81.60 15,014 92.00 10,028 0.00 C Pring & Supports TN 129 277.20 35,759 0.00 0 120.00 15,480 Pring & Supports TN 3 277.20 63.08 0.00 0 120.00 28.00 Heaters TN 43.05 277.20 6.086 0.00 0 120.00 2.840 Administration Building TN 43.65 277.20 1.020.03 2.00 0 0 2.00 0 0 2.00 0 0 0 2.00 2.00 | Soll Remediation | n/a | n/a | n/a | 0 | rı/a | 74,538 | n/a | ō |
| Intervalas CY 11,991 32.64 391,386 92.00 1,103,772 0.00 C Pumps TN 32 277.20 35,759 0.00 0 120.00 15.86 Pumps TN 32 277.20 6.086 0.00 0 120.00 522.86 Administration Building TN 4.358 277.20 6.086 0.00 0 120.00 522.86 Misc Eq Foundations CY 1.877 81.60 148.267 92.00 187.168 0.00 0 120.00 522.86 0.00 0 120.00 360 0.02 0.00 0 120.00 360 0.00 0 120.00 360 0.00 0 120.00 3000 25.7 & 5 - 6" - 6" Carbon Steel Pipe TN 5 277.20 1,386 0.00 0 120.00 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 | Concrete Foundations | CY | 184 | 81.60 | 15,014 | 92.00 | 16,928 | 0.00 | o |
| Phomp is Supports TN 129 277.20 35,759 0.00 0 120.00 15,862 Heaters TN 2 277.20 8,086 0.00 0 120.00 22,640 Heaters TN 4,356 2777.20 8,086 0.00 0 120.00 52,240 Masc Eq Foundations CY 1,817 81.60 144,827 92.00 167,164 0.00 0 0 Pipe 4' or > Fise Protection TN 3 207.90 624 0.00 0 120.00 280 Valve, manual TN 1 207.90 416 0.00 0 120.00 280 2.5" & S - 6" Carbon Steel Pipe TN 5 277.20 1,386 0.00 0 120.00 280 30.00 0 120.00 30.00 0 120.00 30.00 0 120.00 30.00 0 120.00 30.00 0 120.00 30.00 0 120.00 30.00 <t< td=""><td>Fire Walls</td><td>ĊY</td><td>11,991</td><td>32.64</td><td>391,386</td><td>92.00</td><td>1,103,172</td><td>0.00</td><td>ő</td></t<> | Fire Walls | ĊY | 11,991 | 32.64 | 391,386 | 92.00 | 1,103,172 | 0.00 | ő |
| Prumps TN 3 277.20 832 0.00 0 120.00 2800 Administration Building TN 4.368 277.20 6.086 0.00 0 120.00 2.240 Administration Building TN 4.368 277.20 1.208.038 0.00 0 120.00 522.960 Misc Eq Fondations CY 1.817 61.60 148.267 92.00 167.164 0.00 0 120.00 522.960 Pipe 4" or > Fire Frotection TN 3 207.90 624 90.00 0 120.00 260 Large File Supports TN 1 207.90 286 0.00 0 120.00 260 2.5" & > -1" + 1" Cachon Steel Pipe TN 25 277.20 1,386 0.00 0 120.00 3000 Reinforced Concrete CY 71 81.60 57.64 92.00 62.532 0.00 0 0 0 0 0 0 0 0 | Piping & Supports | TN | 129 | 277.20 | 35,759 | 0.00 | 0 | 120.00 | 15.480 |
| Presents TN 22 277.20 1.08,068 0.00 0 120.00 2.8,400 Misc Eq Foundations CY 1,817 61.60 148,267 92.00 167,164 0.00 0 <td>Pumps</td> <td>TN</td> <td>3</td> <td>277.20</td> <td>832</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>360</td> | Pumps | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Partinissation Building TN 4,358 277.20 1,208,038 0.00 0 120.00 522,960 Thrust Blocks CY 9 32,64 234 92,00 828 0.00 0 Thrust Blocks CY 9 32,64 234 92,00 828 0.00 0 Valve, manual TN 3 207,90 416 0.00 0 120,00 360 Valve, manual TN 1 207,90 416 0.00 0 120,00 360 Large Pipe Supports TN 1 207,90 416 0.00 0 120,00 300 Reinforced Concrete CY 71 81,60 55,784 92,00 6,532 0.00 | | TN | 22 | 277.20 | 6,098 | 0.00 | 0 | 120.00 | 2.640 |
| Mask Exp Foundations CY 1,817 81,60 148,267 92,00 167,164 0.00 0 Pipe 4* or > Fire Protection TN 3 207,90 624 92,00 828 0.00 960 Valve, manual TN 2 207,90 416 0.00 0 120,00 240 Large Pipe Supports TN 1 207,90 208 0.00 0 120,00 240 2.5* 8 > -6* - 6* Carbon Steel Pipe TN 5 277,20 1,386 0.00 0 120,00 30,00 Reinforced Concrete CY 682 81,60 55,651 92,00 62,734 0.00 00 Reinforced Concrete CY 73 32,64 751 92,00 2,512 0.00 00 0 There Jibrigas Supports TN 1 227,20 3554 92,00 1,012 0.00 0 0 0 0 0 0 0 0 0 0 | Administration Building | TN | 4,358 | 277.20 | 1,208,038 | 0.00 | 0 | 120.00 | 522,960 |
| Intrast blocks CY 9 32.64 224 92.00 828 0.00 00 Valve, manual TN 207.90 464 0.00 0 120.00 380 Valve, manual TN 207.90 466 0.00 0 120.00 240 Large Pije Supports TN 5 277.20 6,330 0.00 0 120.00 300 2.5* 8 > - 10* - 14* Carbon Steel Pipe TN 25 277.20 6,930 0.00 0 120.00 3000 Reinforced Concrete CY 77 81.60 55,784 92.00 6,532 0.00 0 Reinforced Concrete CY 77 81.60 5,784 92.00 2,216 0.00 | MISC EQ Foundations | CY | 1,817 | 81.60 | 148,267 | 92.00 | 167,164 | 0.00 | 0 |
| Pripe 4 of S Firle Protection TN 3 207,90 624 0.00 0 120,00 380 Large Pipe Supports TN 1 207,90 208 0.00 0 120,00 240 2.5" & > -6" & Carbon Steel Pipe TN 5 277,20 1,386 0.00 0 120,00 800 2.5" & > -10" - 14" Carbon Steel Pipe TN 5 277,20 1,386 0.00 0 120,00 800 Reinforced Concrete CY 662 81,60 55,651 92,00 65,32 0.00 0 0 Reinforced Concrete CY 71 81,60 55,651 92,00 6,532 0.00 0 0 Miscellaneous Foundations - Concrete CY 73 32,64 751 92,00 2,116 0.00 | | CY | 9 | 32.64 | 294 | 92.00 | 828 | 0.00 | Ó |
| Valve, manual TN 2 207,90 416 0.00 0 120,00 200 Large Pipe Supports TN 5 277,20 1,386 0.00 0 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 30,00 0 120,00 30,00 0 120,00 30,00 0 120,00 30,00 0 120,00 30,00 0 0 120,00 30,00 | Pipe 4" of > Fire Protection | TN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Large rype Supports TN 1 277,90 200 0.00 0 120.00 120.00 2.5" & > 10" - 14" Carbon Steel Pipe TN 25 277.20 6,830 0.00 0 120.00 8000 2.5" & > 6" Carbon Steel Pipe TN 25 277.20 6,830 0.00 0 120.00 8000 Reinforced Concrete CY 682 81.60 55,651 92.00 62,744 0.00 0 0 Miscelianeous Foundations - Concrete CY 71 81.60 57,94 92.00 6,532 0.00 0 0 Iberglass Above Ground CY 33 32.64 751 92.00 3,220 0.00 | vaive, manuar | N | 2 | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
| 12.5 & S - 10 * 14" Carbon Steel Pipe TN 5 277.20 1,386 0.00 0 120.00 8000 Reinforced Concrete CY 682 81.60 55,651 92.00 62,744 0.00 0 Reinforced Concrete CY 71 81.60 57,94 92.00 65.52 0.00 0 Reinforced Concrete CY 73 32.64 751 92.00 2,116 0.00 0 Riberglass Above Ground Piping CY 35 32.64 141 142 92.00 3,220 0.00 0 0 Special Piping - Fiberglass Above Ground CY 31 32.64 98 92.00 10.101 0.00 0 Special Piping - Fiberglass Above Ground CY 11 32.64 356 92.00 10.102 0.00 0 120.00 120.00 100 0 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.0 | Large Pipe Supports | TN | 1 | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| 12.5 87-10 - 14 Catron Steel Pipe TN 25 277.20 6,930 0.00 0 120.00 3,000 Reinforced Concrete CY 682 81.60 55,651 92.00 62,744 0.00 0 Miscellaneous Foundations - Concrete CY 71 81.60 57,94 92.00 6,332 0.00 0 Miscellaneous Foundations - Concrete CY 23 32.64 751 92.00 2,116 0.00 0 10" - 14" Fiberglass Above Ground CY 3 32.64 96 92.00 3,220 0.00 0 0 Special Piping - Fiberglass Above Ground CY 11 32.64 369 92.00 1,012 0.00 0 0 VT & WWT - Makeup Demin & Aux TN 1 277.20 2554 0.00 0 120.00 | | TN | 5 | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| Internitional Concrete CY 682 81.60 55.651 92.00 62.744 0.00 0 Miscellaneous Foundations - Concrete CY 71 81.60 5.794 92.00 6.532 0.00 0 Fiberglass Above Ground Piping CY 33 32.64 751 92.00 2.116 0.00 0 Special Piping - Fiberglass Above Ground CY 33 32.64 98 92.00 1.012 0.00 0 Special Piping - Fiberglass Above Ground CY 11 32.64 359 92.00 1.012 0.00 0 VT & WWT - Makeup Demin & Aux TN 1 277.20 277 0.00 0 120.00 240 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3.326 0.00 0 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3.326 0.00 0 120.00 12400 12400 12400 12400 120.00 120. | 2.5 & > - 10 - 14 Carbon Steel Pipe | TN | 25 | 277.20 | 6,930 | 0.00 | 0 | 120.00 | 3,000 |
| Internitional Concrete - Uniter - U | Reinforced Concrete | ÇY | 682 | 81.60 | 55,651 | 92.00 | 62,744 | 0.00 | - 0 |
| Inscentations - Concrete CY 23 32.64 751 92.00 2,116 0.00 0 10" - 14" Fiberglass Piping - Above Ground CY 35 32.84 1,142 92.00 3,220 0.00 00 Special Piping - Fiberglass Above Ground CY 11 32.64 98 92.00 1,012 0.00 00 Special Piping - Fiberglass Above Ground CY 11 32.64 359 92.00 1,012 0.00 00 VT & WWT - Makeup Demin & Aux TN 1 277.20 554 0.00 0 120.00 140.00 200 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 3,326 0.00 0 120.00 1,440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 554 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 240 0.00 0 120.00 200 120.00 200 120.00 200 120.00 200 120.00 200 120.00 | Remiorced Concrete - Uther | CY | 71 | 81.60 | 5,794 | 92.00 | 6,532 | 0.00 | . 0 |
| Fluerglass Above Ground Piping CY 35 32.64 1,142 92.00 3,220 0.00 0 Special Piping - Fiberglass Piping - Above Ground CY 3 32.64 98 92.00 276 0.00 00 Special Piping - Fiberglass - Above Ground CY 11 32.64 359 92.00 1,012 0.00 0 WT & WWT - Makeup Demin & Aux TN 1 277.20 2554 0.00 0 120.00 120.00 120.00 120.00 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3326 0.00 0 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 3554 0.00 0 120.00 | Miscellaneous Foundations - Concrete | CY | 23 | 32.64 | 751 | 92.00 | 2,116 | 0.00 | o |
| 10 - 14 - Heerglass Piping - Above Ground CY 3 32.64 98 92.00 276 0.00 0 WT & WWT - Makeup Dernin & Aux TN 1 32.64 359 92.00 1,012 0.00 0 WT & WWT - Makeup Dernin & Aux TN 1 2277.20 277 0.00 0 120.00 120.00 WT & WWT - Reverse Osmosis Equipment TN 2 277.20 3.326 0.00 0 120.00 140.00 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3.326 0.00 0 120.00 140.00 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 254 0.00 0 120.00 | Fiberglass Above Ground Piping | CY | 35 | 32.64 | 1,142 | 92.00 | 3,220 | 0.00 | 0 |
| Spectal Piping - Fibergiass - Above Ground CY 11 32.64 359 92.00 1.012 0.00 0 WT & WWT - Makeup Demin & Aux TN 1 277.20 277 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3.326 0.00 0 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 3.326 0.00 0 120.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 <td>10" - 14" Fiberglass Piping - Above Ground</td> <td>CY</td> <td>3</td> <td>32.64</td> <td>98</td> <td>92.00</td> <td>276</td> <td>0.00</td> <td>o</td> | 10" - 14" Fiberglass Piping - Above Ground | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | o |
| WIT & WWT - Makeup Demin & Aux TN 1 277.20 277 0.00 0 120.00 120 WT & WWT - DeGas Equipment TN 2 277.20 554 0.00 0 120.00 240 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3.326 0.00 0 120.00 1440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 3.326 0.00 0 120.00 < | Special Piping - Fiberglass -Above Ground | CY | 11 | 32.64 | 359 | 92.00 | 1,012 | 0.00 | 0 |
| W1 a WW1 - Decase Equipment TN 2 277.20 554 0.00 0 120.00 240 WT & WWT - Reverse Osmosis Equipment TN 12 277.20 3,326 0.00 0 120.00 1,440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 277 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 2,379 81.60 194.126 92.00 4,784 0.00 | | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| W1 & WW1 - Reverse Osmosis Equipment TN 12 277.20 3,326 0.00 0 120.00 1,440 WT & WWT - Reverse Osmosis Equipment TN 1 277.20 277 0.00 0 120.00 120 120 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 52 81.60 4,243 92.00 4,784 0.00 0 0 Reinforced Concrete - Stab on Grade CY 2,379 81.60 194,126 92.00 218,868 0.00 0 0 Reinforced Concrete - Walfs CY 138 81.60 11,261 92.00 12,696 0.00 0 0 Misc. Steel - Grating TN 8 447.30 3,578 0.00 0 120.00 2860 Handrail, Checkptate TN 6 447.30 2,684 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 364 81.60 31,334 92.00 3 | WI & WWI - Degas Equipment | IN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| W1 - Reverse Osmosis Equipment TN 1 277.20 277 0.00 0 120.00 120 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 52 81.60 4,243 92.00 4,784 0.00 0 Reinforced Concrete - Slab on Grade CY 2,379 81.60 194,126 92.00 218,868 0.00 0 Misc. Steel - Grating TN 8 447.30 3,578 0.00 120.00 960 Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 20.00 240 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 | WI & WWI - Reverse Usmosis Equipment | TN | 12 | 277.20 | 3,326 | 0.00 | 0 | 120.00 | 1,440 |
| WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 52 81.60 4,243 92.00 4,784 0.00 0 Reinforced Concrete - Stab on Grade CY 2,379 81.60 194,126 92.00 218,868 0.00 0 Reinforced Concrete - Walfs CY 138 81.60 11,261 92.00 128,868 0.00 0 Misc. Steel - Grating TN 8 447.30 3,578 0.00 0 120.00 9800 Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 720 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps & Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 Reinforced Concrete - Stab on Grade CY 167 <td< td=""><td>VVI & VVVVI - Reverse Osmosis Equipment</td><td>IN</td><td>1</td><td>277.20</td><td>277</td><td>0.00</td><td>0</td><td>120.00</td><td>120</td></td<> | VVI & VVVVI - Reverse Osmosis Equipment | IN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Reinforced Concrete - Pits, Sumps & Ramps CY 52 81.60 4,243 92.00 4,784 0.00 0 Reinforced Concrete - Slab on Grade CY 2,379 81.60 194,126 92.00 218,868 0.00 0 Misc. Steel - Grating TN 81.60 11,261 92.00 12,696 0.00 0 Handrail, Checkplate TN 8 447.30 3,578 0.00 0 120.00 960 WVT & WWT - Makeup Demin & Aux TN 6 447.30 2,684 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 0 Reinforced Concrete - Stab on Grade CY 167 81.60 30,600 92.00 15,364 0.00 0 0 Reinforced Concrete - Fiers, Pads, Curbs, etc. CY 167 81.60 30,600 92.00 15,364 0.00 0 0 Reinforced Concrete - Fiers, Pads, Curbs, etc. CY 177 81.60 1,387 92.00 | YYI & YYYYI - Makeup Demin & Aux | IN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Reinforced Concrete - Stab on Grade CY 2,379 81.60 194,126 92.00 218,868 0.00 0 Reinforced Concrete - Watis CY 138 81.80 11,261 92.00 12,696 0.00 0 Misc. Steel - Grating TN 8 447.30 3,578 0.00 0 120.00 960 Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 720 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 Reinforced Concrete - Stab on Grade CY 167 81.60 30,600 92.00 15,364 0.00 0 Reinforced Concrete - Fiers, Pads, Curbs, etc. CY 177 81.60 1,387 92.00 14,564 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY | Reinforced Concrete - Pits, Sumps & Ramps | CY | 52 | 81.60 | 4,243 | 92.00 | 4,784 | 0.00 | 0 |
| Reinforced Concrete - Walls CY 138 81.60 11,261 92.00 12,696 0.00 0 Misc. Steel - Grating TN 8 447.30 3,578 0.00 0 120.00 960 Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 720 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 Reinforced Concrete - Slab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Foundations CY 375 81.60 30,600 92.00 15,364 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 | Reinforced Concrete - Slab on Grade | CY | 2,379 | 81.60 | 194,126 | 92.00 | 218,868 | 0.00 | 0 |
| Masc Steel - Granng TN 8 447.30 3,578 0.00 0 120.00 960 Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 720 WT & WWT - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31.334 92.00 35,328 0.00 0 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Foundations CY 375 81.60 30,600 92.00 34,500 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 3,877 92.00 1,564 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN | Reinforced Concrete - Walls | CY | 138 | 81.60 | 11,261 | 92.00 | 12,696 | 0.00 | o |
| Handrail, Checkplate TN 6 447.30 2,684 0.00 0 120.00 720 WT & WWT - Makeup Demin & Aux TN 2 277.20 553 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Foundations CY 375 81.60 30,600 92.00 34,500 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 | Misc. Steel - Grating | TN | 8 | 447.30 | 3,578 | 0.00 | 0 | 120.00 | 960 |
| W1 & WW1 - Makeup Demin & Aux TN 2 277.20 554 0.00 0 120.00 240 Reinforced Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 0 240 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 0 Reinforced Concrete - Foundations CY 375 81.60 30,600 92.00 14,564 0.00 0 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 15,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 WT & WWT - Interconnection SB Pice TN 3 277.20 500 100.00 0 120.00 1,080 | Handrall, Checkplate | TN | 6 | 447.30 | 2,684 | 0.00 | 0 | 120.00 | 720 |
| Reminored Concrete - Pits, Sumps& Ramps CY 384 81.60 31,334 92.00 35,328 0.00 0 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Fiers, Pads, Curbs, etc. CY 375 81.60 30,600 92.00 34,500 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 | WI & WWI - Makeup Demin & Aux | TN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| reemorced concrete - Stab on Grade CY 167 81.60 13,627 92.00 15,364 0.00 0 Reinforced Concrete - Foundations CY 375 81.60 30,600 92.00 34,500 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 | remiorced Concrete - Pits, Sumps& Ramps | CY | 384 | 81.60 | 31,334 | 92.00 | 35,328 | 0.00 | 0 |
| reemoced concrete - Foundations CY 375 81.60 30,600 92.00 34,500 0.00 0 Reinforced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 WT & WWT - Interconnection SB Pine TN 3 277.20 500 500 0 120.00 1,080 | Remorced Concrete - Stab on Grade | CY | 167 | 81.60 | 13,627 | 92.00 | 15,364 | 0.00 | 0 |
| Remotoced Concrete - Piers, Pads, Curbs, etc. CY 17 81.60 1,387 92.00 1,564 0.00 0 Handrail, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 2,400 VT & WWT & Interconnection SB Pine TN 3 277.20 500 500 0 120.00 1,080 | reimorced Concrete - Foundations | CY | 375 | 81.60 | 30,600 | 92.00 | 34,500 | 0.00 | 0 |
| Handrall, Checkplate TN 20 277.20 5,544 0.00 0 120.00 2,400 Large Pipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 WT & WWT Interconnection SB Pipe TN 3 277.20 1,000 0 120.00 1,080 | Remorced Concrete - Piers, Pads, Curbs, etc. | CY | 17 | 81.60 | 1,387 | 92.00 | 1,564 | 0.00 | 0 |
| Large Hipe Supports TN 9 207.90 1,871 0.00 0 120.00 1,080 | Handrail, Checkplate | TN | 20 | 277.20 | 5,544 | 0.00 | o | 120.00 | 2.400 |
| | Large Pipe Supports | TN | 9 | 207.90 | 1,871 | 0.00 | 0 | 120.00 | 1.080 |
| | vv i & vvvv i - Interconnecting SB Pipe | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |

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| | | | Removal | Total | Disposal | | Salvage | Realizable |
|---|------------|----------|----------|-----------|----------|-----------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Neasure | Measure | Measure | Per Item | Measure | Per Item | Measure | item |
| Special Piping - Fiberglass -Above Ground | CY | 80 | 32.64 | 2,611 | 92.00 | 7,360 | 0.00 | 0 |
| Hangers & Supports - Large Bore | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Large Pipe Supports | TN | 15 | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| WT & WWT - Interconnecting LB Pipe S | TN | 79 | 277.20 | 21,899 | 0.00 | 0 | 120.00 | 9,480 |
| Special Piping - Fiberglass -Above Ground | CY | 10 | 32.64 | 326 | 92.00 | 920 | 0.00 | 0 |
| Special Piping - Fiberglass - Above Ground | CY | 8 | 32.64 | 261 | 92.00 | 736 | 0.00 | 0 |
| Special Piping - Fiberglass -Above Ground | CY | 22 | 32.64 | 718 | 92.00 | 2,024 | 0.00 | 0 |
| Special Piping - Fiberglass -Above Ground | CY | 11 | 32.64 | 359 | 92.00 | 1,012 | 0.00 | 0 |
| Special Piping - Fiberglass - Above Ground | CY | 338 | 32.64 | 11,032 | 92.00 | 31,096 | 0.00 | 0 |
| WT & WWT - Oily Water Separator Syst | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| WT & WWT - WWT System | TN | 7 | 277.20 | 1,940 | 0.00 | 0 | 120.00 | 840 |
| WT & WWT - Oily Water Separator Syst | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| WT & WWT - WWT System | אד | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| WWT TANKS | TN | 44 | 277.20 | 12,197 | 0.00 | 0 | 120.00 | 5,280 |
| WT & WWT - Oily Water Separator Syst | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Large Pipe Supports | TN | 6 | 207.90 | 1,247 | 0.00 | Ð | 120.00 | 720 |
| 2" & Under Carbon Steel Above Ground | TN | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| Small Piping - Carbon Steel | TN | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| ELT 2.5" & > - 2.5" - 4" Carbon Steel Pipe | TN | 19 | 277.20 | 5,267 | 0.00 | 0 | 120.00 | 2,280 |
| Large Pipe Supports | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| 6" - 8" Carbon Steel Pipe Above Ground | TN | 5 | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| 2.5" & > - 6"-8" Carbon Steel Pipe | TN | 52 | 277.20 | 14,414 | 0.00 | 0 | 120.00 | 6,240 |
| 10" - 14" Carbon Steel Pipe Above Ground | TN | 28 | 207.90 | 5,821 | 0,00 | 0 | 120.00 | 3,360 |
| 2.5" & > - 10"-14" Carbon Steel Pipe | TN | 16 | 207.90 | 3,326 | 0.00 | 0 | 120.00 | 1,920 |
| Pump/Tank/Heat - Service Water Pumps | TN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Reinforced Concrete - Utility Rack Foundations | CY | 343 | 81,60 | 27,989 | 92.00 | 31,556 | 0.00 | 0 |
| Reinforced Concrete - Utility Rack Foundations | CY | 308 | 81.60 | 25,133 | 92.00 | 28,336 | 0.00 | 0 |
| Reinforced Concrete - Foundations | CY | 189 | 81.60 | 15,422 | 92.00 | 17,388 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 186 | 81.60 | 15,178 | 92.00 | 17,112 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 107 | 81.60 | 8,731 | 92.00 | 9,844 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 6 | 81.60 | 490 | 92.00 | 552 | 0.00 | 0 |
| Utility Rack- Structural Steel | TN | 87 | 207.90 | 18,087 | 0.00 | 0 | 120.00 | 10,440 |
| Utility Rack- Structural Steel | TN | 28 | 207.90 | 5,821 | 0.00 | 0 | 120.00 | 3,360 |
| Reinforced Concrete - Slab on Grade | CY | 80 | 81.60 | 6,528 | 92.00 | 7,360 | 0.00 | · 0 |
| Reinforced Concrete - Other | CY | 16 | 81.60 | 1,306 | 92.00 | 1,472 | 0.00 | 0 |
| Architectural Features - Block Work | CY | 17 | 32.64 | 555 | 92.00 | 1,564 | 0.00 | Ð |
| Architectural Features - Stucco | CY | 2 | 32.64 | 65 | 92.00 | 184 | 0.00 | 0 |
| Precast Concrete - Roof Panels | CY | 9 | 32.64 | 294 | 92.00 | 828 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 15 | 81.60 | 1,224 | 92.00 | 1,380 | 0.00 | 0 |
| Structural Steel - RO Training Building | TN | 25 | 207.90 | 5,198 | 0.00 | 0 | 120.00 | 3,000 |
| Architectural Features - Roof Decking | CY | 27 | 32.64 | 681 | 92.00 | 2,484 | 0.00 | 0 |
| Architectural Features - Block Work | CY | 27 | 32.64 | 881 | 92.00 | 2,484 | 0.00 | 0 |
| Architectural Features - Stucco | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | 0 |
| Precast Concrete - Roof Panels | CY | 16 | 32.64 | 522 | 92.00 | 1,472 | 0.00 | 0 |
| WI & WWT - Chemical Feed Equipment | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| water Treatment SBP | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| WI & WWT - Interconnecting SB Pipe | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| water i reatment LBP | IN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| IVVI & VVVI - Interconnecting LB Pipe S | IN | 178 | 277.20 | 49,342 | 0.00 | 0 | 120.00 | 21,360 |
| Reinforced Concrete - Stab on Grade | CY | 28 | 81.60 | 2,285 | 92.00 | 2,576 | 0.00 | 0 |
| Account 341 10tais | | | | 3,041,497 | | 3,074,945 | | 777,000 |
| Account 342: Fuel Holders, Producers, and Accessor | ries CV | 40.4 | 22.04 | 4 07 1 | 03.00 | 10.000 | | |
| | TN | 134 | 32.04 | 4,3/4 | 92.00 | 12,328 | 0.00 | 0 |
| $2.5 \times 2 - 10 - 14 \text{ US Pipe}$ | TN | 13 | 207.90 | 2,703 | 0.00 | 0 | 120.00 | 1,560 |
| $2.5 \alpha \ge -20 - 30^{\circ} 63 \text{ Pipe}$ | TM | 8 | 207.90 | 1,8/1 | 0.00 | 0 | 120.00 | 1,080 |
| ripe ~ 4"- Light Oil | 114 | 9 | 207.90 | 1,8/1 | 0.00 | 0 | 120.00 | 1,080 |

| Removal, Disposit & Salvage Unit of Hearury Cost Hearury Unit of Hearury Hearury Hearury <thhearury< <="" th=""><th></th><th>U/M</th><th>Total</th><th>Removal Cost per</th><th>Total Removal</th><th>Disposal Cost per</th><th>Disposal</th><th>Salvage Value per</th><th>Realizable Salvage</th></thhearury<> | | U/M | Total | Removal Cost per | Total Removal | Disposal Cost per | Disposal | Salvage Value per | Realizable Salvage |
|--|---|---------|----------|---------------------|------------------|----------------------|--------------|----------------------|-----------------------|
| Product Nearon | Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Proof Or. Light C0 TM TN TO 207.00 207.00 207.00 0.00 0 120.00 220.00 120.00 220.00 120.00 220.00 120.00 220.00 120.00 220.00 | Cost Worksheet | Measure | Measure | Measure | Per item | Measure | Per item | Measure | item |
| Value Annual Light Du Ar> TN 1 207.50 278 0.00 6 [20.00 122 Pipe 4"Or->Lif Fiel F" TN 2 207.90 6.446 0.00 10 200.00 322 More Annual Light Durar TN 3 207.90 6.446 0.00 100.00 322 Account 32 Totals 20.9 416 0.00 0 120.00 322 Account 32 Totals 20.9 416 0.00 0 120.00 328 Account 32 Totals 20.9 416 0.00 0 120.00 328 Account 32 Totals 20.9 3.264 7.697 92.00 120.00 132.00 Account 32 Totals 0.00 0 120.00 132.00 30.00 120.00 132.00 Account 32 Totals 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 12 | Pipe4" Or >- Light Oil | TN | 10 | 207.90 | 2,079 | 0.00 | 0 | 120.00 | 1,200 |
| Pipe Digrover 4' Or Larger TN 2 207,80 416 0.08 0 120,00 244 Pipe or Concorner-Line of the first of the concent 442 Totals TN 31 207,90 6,10 0,20 16 0,00 32,20 32,00 < | Valve, Manual Light Oil 4"> | TN | 1 | 207.90 | 206 | 0.00 | 0 | 120.00 | 120 |
| International Concrete - of File CY 2 81.80 163 92.00 184 10.00 7.5 Vech Kunnal - Arf of F TN 2 207.90 446 0.00 0 12000 3.2 0.2 0.00 0 12000 3.2 0.00 7.2 0.00 7.2 0.00 7.2 0.00 7.2 0.00 7.2 0.2 0.00 7.2 0.2 0.00 7.2 0.2 0.00 7.2 0.2 0.00 7.2 0.2 0.00 7.2 0.2 0.00 7.2 0.00 1.2 0.00 1.2 0.00 1.2 0.00 1.2 0.00 1.2 0.00 1.2 0.00 0 1.2 0.00 0 1.2 0.00 0 1.2 0.00 0 1.2 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 | Pipe Support 4" Or Larger | TN | 2 | 207,90 | 416 | 0.00 | 0 | 120.00 | 240 |
| Pipe 4 (T) - Self real P IN 31 20.7 #0 6.445 0.003 0 120.00 3.727 Account 341 Tetals 2 20.7 #0 416 0.003 0 120.00 3.727 Account 341 Tetals 7 <td>Reinforced Concrete - Jet Fuel Line 8"</td> <td>CY</td> <td>2</td> <td>81.60</td> <td>163</td> <td>92.00</td> <td>184</td> <td>0.00</td> <td>0</td> | Reinforced Concrete - Jet Fuel Line 8" | CY | 2 | 81.60 | 163 | 92.00 | 184 | 0.00 | 0 |
| Value, Manual - Lei Fuel 6" TH 2 207.90 418 0.00 0 120.00 244 Account 341: Prime Movers - </td <td>Pipe 4" Or >-Jet Fuel 8"</td> <td>TN</td> <td>31</td> <td>207.90</td> <td>6,445</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>3,720</td> | Pipe 4" Or >-Jet Fuel 8" | TN | 31 | 207.90 | 6,445 | 0.00 | 0 | 120.00 | 3,720 |
| Account 342 Folais 20,543 12,512 0,246 Account 343: Prime Moves (2,614) 22,543 12,512 0,246 Cooling Vater Near Exchanges TN 11 227,20 3,840 0.00 6 122,00 6,260 Vel Cooling Vater Parp TN 5 277,20 1,365 0.00 0 122,00 560 Boler Fland Max Phanp TN 5 277,20 13,85 0.00 1 0.00 120,00 560 Boler Fland Max Phanp TN 6 277,20 13,85 0.00 1 0.00 10 0 120,00 560 Boler Fland Max Phanp TN 6 277,20 13,85 0.00 10 0 0.00 10 0.00 0 120,00 6,86 Condensate Strapp Tark Fod CY 45 63,00 28,65 49,00 0 120,00 46,96 120,00 62,46 14,96 0.00 0 120,00 0,00 120,00 | Valve, Manual - Jet Fuel 8" | TN | 2 | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
| Account 133: Prime Movers CY 245 32.24 7.997 92.20 22.540 9.00 0 Convents Tinumals CY 277.20 3.946 0.00 0 120.00 1.302 Del Hoster Dimin Prun TN 5 277.20 1.348 0.00 0 120.00 2600 Boller Fland Water Pump TN 5 277.20 19.850 0.00 0 120.00 2600 120.00 2600 120.00 120.00 8.000 0 120.00 8.000 0 120.00 4.860 0.00 0 120.00 4.860 0.00 0 120.00 4.860 120.00 4.860 1.00 0.00 0 120.00 4.860 1.00 0.00 0 120.00 4.860 1.00 0.00 1.00 0.00 0 120.00 4.860 1.00 0.00 0 120.00 4.860 1.00 0.00 0 120.00 4.860 1.00 120.00 12 | Account 342 Totals | | | | 20,545 | | 12,512 | | 9,240 |
| Fleweilin CY 245 32.64 7,077 62.00 22.640 0.00 6 LP. Rester Drain Pump TN 11 277.20 3,049 0.00 0 120.00 62.00 60.00 0 120.00 62. | Account 343: Prime Movers | | | | | | | | |
| Cooling Water Heat Exchanges TN 11 277.20 3,849 0.00 0 120.00 1,220.0 Well Cooling Water Pump TN 3 277.20 8.32 0.00 0 120.00 600 Boler Fland Water Pump TN 3 277.20 8.32 0.00 0 120.00 300 Boler Fland Water Manp TN 3 277.20 8.32 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 4.500 120.00 4.500 20.00 111.430 0.00 0 120.00 4.500 Condensato Storage Tank Find CY 458 63.00 2.8545 2.800 11.64 0.00 0 120.00 48.24 Instanentation-Instanter TN 3 2.07.90 62.41 0.00 0 120.00 2.82.00 1.00 120.00 2.82.00 1.00 120.00 2.82.0 1.00 120.00 2.00.00 0.00 120.00 2.00 <td< td=""><td>Firewalls</td><td>CY</td><td>245</td><td>32.64</td><td>7,997</td><td>92.00</td><td>22,540</td><td>0.00</td><td>0</td></td<> | Firewalls | CY | 245 | 32.64 | 7,997 | 92.00 | 22,540 | 0.00 | 0 |
| L.P. Heater Drain Pump TN 5 277.20 1,38 0.00 0 120.00 6000 Bolie Fill and Wash Pump TN 1 277.20 277 0.00 0 120.00 <t< td=""><td>Cooling Water Heat Exchangers</td><td>TN</td><td>11</td><td>277.20</td><td>3,049</td><td>0.00</td><td>0</td><td>120.00</td><td>1,320</td></t<> | Cooling Water Heat Exchangers | TN | 11 | 277.20 | 3,049 | 0.00 | 0 | 120.00 | 1,320 |
| Well Cooling Water Pump TN 3 277.20 B32 0.00 0 120.00 3606 Bolier Field Wash Pump TN 68 277.20 18.660 0.00 0 120.00 8,160 Concrete CY 130 32.64 4.4243 92.00 11,660 0.00 0 120.00 4,660 Condensate Storage Tark Fod CY 132 32.64 4.343 92.00 1,164 0.00 0 120.00 4,860 Condensate Storage Tark Fod CY 12 32.64 392 92.00 1,164 0.00 0 120.00 48.241 Insulation CY 466 63.00 28.854 26.00 11,906 0.00 0 120.00 48.241 Insulation TN 3 207.50 63.641 0.00 0 120.00 30.2 Insulation TN 3 207.50 21.56 0.00 0 20.00 0 120.00 120.00< | LP. Heater Drain Pump | TN | 5 | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| Bolter Fill and Wash Pump TN 1 277.20 277 0.00 0 120.00 120 Bolter Feed Pumps CV 130 32.64 4.443 92.00 11,960 0.00 0 Concreate CV 130 32.64 4.443 92.00 11,160 0.00 0 Conclenate Storage Tank & Equip TN 38 277.20 10.834 0.00 0 120.00 4.866 Conclenate Storage Tank & Equipment TN 423 277.20 11.844 0.00 0 120.00 48.60 Pipe - F/Conclenate-Wash TN 425 6.00 277.20 28.44 2.00 0 120.00 48.20 Instantentation - Instrument Tubing TN 1 447.20 447 0.00 0 120.00 42.00 0 120.00 42.00 0 2.000.00 0 2.000.00 62.200.00 0 2.000.00 42.000 0 2.000.00 42.000 0 2.000.00 < | Well Cooling Water Pump | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Belier Feed Pumps TN 66 277.20 18,850 0.00 0 120.00 6,860 Concretes Concretes Cry 130 32.64 4,243 92.00 1,960 0.00 6 Condensate Storage Tank Find CY 12 32.64 43.92 92.00 1,964 0.00 6 0 Condensate Storage Tank Find CY 12 32.64 332 92.00 1,964 0.00 0 120.00 48.64 Issuantion CY 468 63.00 28.654 26.00 19.06 0.00 0 120.00 28.32 Piper & Aff.Condens.Wash TN 3 207.90 62.44 0.00 0 120.00 32.64 Concrete - Chier CY 658 32.64 21.510 82.00 0.00 0 120.00 32.00 0.00 120.00 32.00 0.00 120.00 32.00 0.00 120.00 42.00 0.00 120.00 32.00 | Boiler Fill and Wash Pump | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| | Boiler Feed Pumps | TN | 68 | 277.20 | 18,850 | 0.00 | 0 | 120.00 | 8,160 |
| Condensitie Storge Tank K Engip TN 38 277.20 10.534 0.00 0 120.00 4,680 Piping TN 402 277.20 111.434 0.00 0 120.00 48,240 Piping TN 402 277.20 615.419 0.00 0 120.00 48,240 Miss Steel & Engineent TN 320.750 62.44 0.00 0 120.00 386 Instumentation - hastrument Tubing TN 1 447.30 447 0.00 0 120.00 386 Concretor-Other CY 655 32.64 21.510 92.00 00.258 0.00 0 22.00.0 4.000 2.5* 4 > 2.5* / 55 Shope TN 1 277.20 1.455 0.00 0 2.000.0 4.000 2.5* + 2.5* Above Ground TN 4 277.20 2.445 0.00 0 2.000.0 18.000 2.5* + 2.5* Shope TN 4 207.90 3.119 0.00 | Concrete | CY | 130 | 32.64 | 4,243 | 92.00 | 11,960 | 0.00 | 0 |
| Condensite Sitrage Tank Find CY 12 32.54 392 62.00 1,104 0.00 0 Insulation CY 458 63.00 28.854 28.00 11,306 0.00 0 Mas Stel & Expirpment TN 23 65.419 0.00 0 120.00 28.324 Pipe < 4/Condens.Wash | Condensate Storage Tank & Equip | TN | 38 | 277.20 | 10,534 | 0.00 | 0 | 120.00 | 4,560 |
| Piping TN 402 277.20 111.434 0.00 0 120.00 48,240 Miss Steel & Equipment TN 236 277.20 65.45 0.00 0 120.00 28,320 Miss Steel & Equipment TN 3 207.90 62.4 0.00 0 120.00 28,320 Instumentation - Instrument Tubing TN 1 447.30 447 0.00 0 120.00 360 Concrete Other CY 656 32.8.4 21.610 92.00 0.02 0.00 0 120.00 840 Concrete Other CY 658 32.8.4 21.610 92.00 0.00 2.000.00 4,000 2.5" + 2.5" As Depe Ground TN 4 227.20 2.445 0.00 0 120.00 8.000 0 120.00 4.000 2.000.00 4.000 2.000.00 4.000 0 120.00 18.000 120.00 18.000 120.00 120.00 120.00 | Condensate Storage Tank Fnd | CY | 12 | 32.64 | 392 | 92.00 | 1,104 | 0.00 | 0 |
| Insulation CY 458 63.00 28,854 25.00 11,968 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Piping | TN | 402 | 277.20 | 111,434 | 0.00 | 0 | 120.00 | 48,240 |
| Miss Steel & Equipment TN 236 277.20 65.419 0.00 0 120.00 28.320 Instrumentation - Instrument Tubing TN 3 207.90 644 0.00 0 120.00 38.320 Concrete - Other CY 656 32.64 21.510 92.00 60.622 0.00 0 120.00 48.40 Concrete - Other CY 656 32.64 21.510 92.00 60.622 0.00 0 120.00 48.40 25* 4 × 258 Showe Ground TN 2 277.20 556 0.00 0 2.000.00 4.000 25* 4 × 257 4 * 55 Pipe TN 9 277.20 2.485 0.00 0 2.000.00 4.000 Large Pipe Supports TN 4 207.90 3.119 0.00 0 120.00 4.800 Large Pipe Supports TN 4 207.90 8.32 0.00 0 120.00 18.000 Large Pipe Supports TN 5 207.90 1.441.37 0.00 0 120.00 3.000 <t< td=""><td>Insulation</td><td>CY</td><td>458</td><td>63.00</td><td>28,854</td><td>26.00</td><td>11,908</td><td>0.00</td><td>0</td></t<> | Insulation | CY | 458 | 63.00 | 28,854 | 26.00 | 11,908 | 0.00 | 0 |
| Pipe 4 "Condens Mash TN 3 207,90 624 0.00 0 120,00 360 Concrete - Other Large Pipe Supports TN 1 447,30 447 0.00 0 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 640 27.4 Fipe Supports TN 7 207,50 1,455 0.00 0 2,000,00 4,000 25.4 Fipe Supports TN 4 277,20 1,169 0.00 0 2,000,00 4,000 25.4 SS Pipe Above Ground TN 4 207,90 8,119 0.00 0 120,00 4,000 1.479 Pipe Supports TN 4 207,90 3,119 0.00 0 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 <td< td=""><td>Misc Steel & Equipment</td><td>TN</td><td>236</td><td>277.20</td><td>65,419</td><td>0.00</td><td>0</td><td>120.00</td><td>28,320</td></td<> | Misc Steel & Equipment | TN | 236 | 277.20 | 65,419 | 0.00 | 0 | 120.00 | 28,320 |
| Instrumentation - Instrument Tubing TN 1 447.30 447 0.00 0 120.00 12 | Pipe < 4"/Condens.Wash | TN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Concrete Other CY 659 32.64 21,510 92.00 60,622 0.00 0 Large Pipe Stapports TN 7 207.90 1,455 0.00 0 2,000.00 4,000 2" 4 ~ 5S Pipe Above Ground TN 4 277.20 1,106 0.00 0 2,000.00 4,000 2.5" 4 ~ SS Pipe Above Ground TN 4 207.90 332 0.00 0 120.00 480 Large Pipe Supports - LB TN 4 207.90 832 0.00 0 120.00 480 Large Pipe Supports - LB TN 4 207.90 832 0.00 0 2,000.00 18,000 6" - 6" SS Pipe TN 6 207.90 14,137 0.00 0 2,000.00 18,000 2.6" & S - 6" SS Pipe TN 6 207.90 14,417 0.00 0 120.00 720.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00< | Instrumentation - Instrument Tubing | TN | 1 | 447_30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Large Tipe Supports TN 7 207.00 1,455 0.00 0 120.00 840 2* 6 < Pipe S Shove Ground | Concrete - Other | CY | 659 | 32.64 | 21,510 | 92.00 | 60,628 | 0.00 | 0 |
| 2" & - Pipe SS Above Ground TN 2 277.20 554 0.00 0 2,000.00 4,000 2.5" - 4" SS Pipe Above Ground TN 9 277.20 2,445 0.00 0 2,000.00 18,000 1.arger 5, Supports - LB TN 4 207.90 332 0.00 0 120.00 48.00 1.arger 5, Supports - LB TN 4 207.90 332 0.00 0 120.00 48.00 2.5" a" SS Pipe Above Ground TN 4 207.90 332 0.00 0 120.00 48.000 2.5" a" - c"-d"SS Pipe TN 6 207.90 14.137 0.00 0 120.00 18.000 2.5" a" - c"-d"SS Pipe TN 6 207.90 1.447 0.00 0 120.00 3.000 120.00 3.000 0 120.00 3.000 120.00 3.000 0 120.00 3.000 0 120.00 3.000 120.00 3.000 120.00 3.000 120.00 120.00 120.00 120.00 120.00 120.00 120.00 | Large Pipe Supports | TN | 7 | 207.90 | 1,455 | 0.00 | 0 | 120.00 | 840 |
| 2.5° + 3° SS Pipe Above Ground TN 4 277.20 1,109 0.00 0 2,000.00 8,000 Hangers & Supports TN 4 207.90 8.32 0.00 0 120.00 4800 Large Pipe Supports TN 4 207.90 8.32 0.00 0 120.00 4800 1.arge Pipe Supports TN 4 207.90 8.32 0.00 0 2,000.00 8,000 2.5° & > -2° - SS Pipe TN 68 207.90 14,137 0.00 0 2,000.00 180,000 2.5° & > -2° - SS Pipe TN 68 207.90 1,440 0.00 0 120.00 720 Wf & WWT - Chemical Feed Equipment TN 5 207.90 1,040 0.00 0 120.00 6000 Pump/Tank/Heat - Condensate Pumps TN 5 207.90 1,040 0.00 0 120.00 6000 Concrete - Ducbank CY 43 32.64 1,404 92.00 3,856 0.00 0 120.00 3600 Condit 2° OR >/Fire | 2" & < Pipe SS Above Ground | TN | 2 | 277.20 | 554 | 0.00 | 0 | 2,000.00 | 4,000 |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2.5" - 4" SS Pipe Above Ground | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 2,000.00 | 8,000 |
| Hangers & Supports -LB TN 4 207.90 632 0.00 0 120.00 480 d*- d* SS Pipe Above Ground TN 4 207.90 8132 0.00 0 2,000.00 8,000 d*- d* SS Pipe Above Ground TN 4 207.90 8132 0.00 0 2,000.00 8,000 WT & WVT - Chemical Feed Equipment TN 66 207.90 14,137 0.00 0 2,000.00 136,000 WT & WVT - Chemical Feed Equipment TN 66 207.90 1,247 0.00 0 120.00 3,960 WT & WVT - Chemical Feed Equipment TN 5 207.90 1,040 0.00 0 120.00 3,960 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207.90 2,06 6,861 0.00 0 120.00 600 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207.90 2,06 0.00 0 120.00 600 Account 343 Totals 1 207.90 1,040 0.00 0 120.00 2,000 0 0 2,000 0 0 120.00 120. | 2.5" & > - 2.5"- 4" SS Pipe | TN | 9 | 277.20 | 2,495 | 0.00 | 0 | 2,000.00 | 18,000 |
| Large Pipe Supports TN 15 207.90 3,119 0.00 0 120.00 1,800 6 ⁺ of SS Pipe Above Ground TN 4 207.90 832 0.00 0 2,000.00 8,000 2.5 ⁺ af SS Pipe TN 68 207.90 14,137 0.00 0 2,000.00 8,000 WT & WWT - Chemical Feed Equipment TN 6 207.90 1,247 0.00 0 120.00 3,860 WT & WWT - Chemical Feed Equipment TN 5 207.90 1,040 0.00 0 120.00 600 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207.90 1,040 0.00 0 120.00 600 Account 345: Accessory Electric Equipment TN 5 207.90 1,040 0.00 0 120.00 205.280 Account 345: Accessory Electric Equipment TN 3 32.64 1,404 92.00 3,956 0.00 0 120.00 386 Conduit 2 Or A/Firemain TN 1 447.30 4473 0.00 0 120.00 | Hangers & Supports - LB | TN | 4 | 207.90 | 832 | 0.00 | 0 | 120.00 | 480 |
| 6 ⁺ -6 ⁺ SS Pipe Above Ground TN 4 207,90 832 0.00 0 2,000.00 8,000 25 ⁺ 8 > 6 ⁺ of SS Pipe TN 68 207,90 14,137 0.00 0 2,000.00 18,000 WT & WWT - Chemical Feed Equipment TN 6 207,90 1,247 0.00 0 120.00 3,960 WT & WWT - Chemical Feed Equipment TN 5 207,90 1,040 0.00 0 120.00 600 Pump/Tank/Heat - Condensate Pumps TN 5 207,90 1,040 0.00 0 120.00 600 Account 343 Totals 700 1,040 0.00 0 120.00 600 Concrete - Ducibank CY 43 32,64 1,404 92.00 3,956 0.00 0 Conduit 2" OR >/Firemain TN 3 207,90 604 0.00 0 120.00 360 Conduit 2" OR >/Firemain TN 1 447,30 4920 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 | Large Pipe Supports | TN | 15 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |
| 2.5° 8 - 6° 4° SS Pipe TN 68 207.90 14,137 0.00 0 2,000.00 138,000 WT & WWT - Chemical Feed Equipment TN 33 207.90 1,247 0.00 0 120.00 3,960 WT & WWT - Chemical Feed Equipment TN 5 207.90 1,040 0.00 0 120.00 3,960 PumpTank/Heat - Edd Expirpment TN 1 207.90 208 0.00 0 120.00 600 PumpTank/Heat - Condensate Pumps TN 5 207.90 1,040 0.00 0 120.00 600 Account 345: Accessory Electric Equipment TN 3 207.90 624 0.00 0 120.00 360 Conduit 2' OR >/Firemain TN 3 207.90 624 0.00 0 120.00 1360 Cable Tray TN 1 447.30 447 0.00 0 120.00 1320.00 1320.00 1320.00 1320.00 1320.00 1320.00 120.00 1320.00 1320.00 120.00 120.00 120.00 120.00 < | 6" - 8" SS Pipe Above Ground | TN | 4 | 207.90 | 832 | 0.00 | 0 | 2,000.00 | 8,000 |
| W1 & WWT - Chemical Feed Equipment TN 6 207,90 1,247 0.00 0 120.00 720.00 3,960 W1 & WWT - Chemical Feed Equipment TN 33 207,90 6,861 0.00 0 120.00 3,960 WT & WWT - Chemical Feed Equipment TN 33 207,90 1,040 0.00 0 120.00 600 PumpTank/Heat - Field Fabricated Tanks TN 1 207,90 1,040 0.00 0 120.00 600 Account 343 Totals TN 5 207,90 1,040 0.00 0 120.00 600 Account 345: Accessory Electric Equipment TN 5 207,90 1,040 0.00 0 120.00 600 0 Stee/Ducbank TN 3 207,90 624 0.00 0 120.00 3,956 0.00 0 120.00 360 0 120.00 3,956 0.00 120.00 3,956 0.00 0 120.00 3,956 0.00 0 120.00 3,956 0.00 0 120.00 3,956 | 2.5" & > - 6"-8" SS Pipe | TN | 68. | 207.90 | 14,137 | 0.00 | 0 | 2,000.00 | 136,000 |
| Water Treatment Tranks TN 33 207,90 6,861 0.00 0 120.00 3,960 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207,90 1,040 0.00 0 120.00 600 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207,90 1,040 0.00 0 120.00 600 Account 343 Totals 310,774 108,140 0.00 0 120.00 600 Account 345: Accessory Electric Equipment | WT & WWT - Chemical Feed Equipment | TN | 6 | 207.90 | 1,247 | 0.00 | 0 | 120.00 | · 720 |
| WT & WWT - Chemical Feed Equipment TN 5 207,90 1,040 0.00 0 120.00 600 Pump/Tank/Heat - Field Fabricated Tanks TN 1 207,90 208 0.00 0 120.00 120.00 600 Account 343 Totals 1 207,90 1,040 0.00 0 120.00 600 Account 345: Accessory Electric Equipment 1 207,90 310,774 108,140 275,280 Concrete - Ductbank CY 43 32,64 1,404 92.00 3,956 0.00 0 Stee/Ductbank TN 3 207,90 624 0.00 0 120.00 120.00 360 Canduit 2r OR >/Firemain TN 1 447,30 4,920 0.00 0 120.00 1,320 320.00 320.00 120.00 1,320 1,320 1,320 1,320 0.00 120.00 1,320 0.00 120.00 1,320 0.00 120.00 1,320 0.00 1,320 0. | Water Treatment Tanks | TN | 33 | 207.90 | 6,861 | 0.00 | 0 | 120.00 | 3,960 |
| Pump/Tank/Heat - Field Fabricated Tanks TN 1 207,90 208 0.00 0 120.00 | WT & WWT - Chemical Feed Equipment | TN | 5 | 207.90 | 1,040 | 00.00 | 0 | 120.00 | 600 |
| Pump/Tank/Heat - Condensate Pumps TN 5 207,90 1,040 0.00 0 120.00 600 Account 343 Totals 310,774 108,140 275,280 310,774 108,140 275,280 Account 345: Accessory Electric Equipment C Y 43 32,64 1,404 92.00 3,956 0.00 0 0 Concrete - Ductbank TN 3 207.90 624 0.00 0 120.00 360 Conduit 2" OR >/Firemain TN 1 447.30 447 0.00 0 120.00 120.00 120.00 120.00 13,00 0 120.00 120.00 13,00 0 120.00 13,00 0 120.00 120.00 120.00 13,00 0 120.00< | Pump/Tank/Heat - Field Fabricated Tanks | TN | 1 | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| Account 345: Accessory Electric Equipment CY 43 32.64 1,404 92.00 3,956 0.00 0 Steel/Ductbank TN 3 207.90 624 0.00 0 120.00 3660 Conduit 2" OR >/Firemain TN 1 447.30 447 0.00 0 120.00 120.00 120.00 120.00 120.00 1320 Duct Bank TN 11 447.30 4,920 0.00 0 120.00 1,320 Duct Bank TN 3 447.30 1,342 0.00 0 120.00 6,000 Wire < 4/0 (PWR)/Firemain | Pump/Tank/Heat - Condensate Pumps Account 343 Totals | TN | 5 | 207,90 | 1,040 310,774 | 0.00 | 0 108,140 | 120.00 | 600 275,280 |
| Concrete - Ductbank CY 43 32.64 1,404 92.00 3,956 0.00 0 Steel/Ductbank TN 3 207.90 624 0.00 0 120.00 360 Conduit 2" OR >/Firemain TN 1 447.30 447 0.00 0 120.00 120.00 120.00 120.00 120.00 1320 Cable Tray TN 11 447.30 4,920 0.00 0 120.00 1,320 Duct Bank TN 3 447.30 1,342 0.00 0 120.00 6,000 Wire < 4/0 (PWR)/Firemain | Account 345: Accorsory Electric Equipment | | | | | | | | |
| Conductor Cr 43 32.04 1,404 92.00 5,956 0.00 0 Steel/Ductbank TN 3 207.90 624 0.00 0 120.00 360 Conduit 2" OR >/Firemain TN 1 447.30 447 0.00 0 120.00 120 1320 Cable Tray TN 11 447.30 4,920 0.00 0 120.00 1,320 Duct Bank TN 3 447.30 1,342 0.00 0 120.00 360 MCC Switchgear Section TN 50 277.20 13,860 0.00 0 120.00 6,000 Wire < 40 (PWR)/Firemain | Congrate Deathack | CV | 43 | 32.64 | 1 404 | 02.00 | 2 050 | 0.00 | |
| Int S Carlos Oza Oza <td>Steel/Ducthank</td> <td></td> <td>43</td> <td>207 00</td> <td>604 604</td> <td>0.00</td> <td>0,800 A</td> <td>120.00</td> <td>200</td> | Steel/Ducthank | | 43 | 207 00 | 604 604 | 0.00 | 0,800 A | 120.00 | 200 |
| Conduit 2 OK 2/Frightain TN T | Conduit 21 OB >/Eiromain | | | 447 20 | 447 | 0.00 | v 0 | 120.00 | 120 |
| Cable Tray TN 11 447.30 4,920 0.00 0 120.00 1,920 Duct Bank TN 3 447.30 1,342 0.00 0 120.00 360 MCC Switchgear Section TN 50 277.20 13.860 0.00 0 120.00 6,000 Wire < 4/0 (PWR)/Firemain | | TN | 11 | 447.30 | 4 020 | 0.00 | v o | 120.00 | 1 200 |
| Dock Samic TN 5 7 7 13,860 0.00 0 120.00 6,000 120.00 6,000 120.00 120.00 120.00 6,000 0 120.00 120.00 6,000 0 120.00 <th< td=""><td>Duct Bank</td><td>TN</td><td>3</td><td>447.30</td><td>1 3/2</td><td>0.00</td><td>0 0</td><td>120.00</td><td>360</td></th<> | Duct Bank | TN | 3 | 447.30 | 1 3/2 | 0.00 | 0 0 | 120.00 | 360 |
| Inicidigent Section IN 00 217.20 13,000 0.00 0 120,00 6,000 Wire < 4/0 (PWR)/Firemain | MCC Switchman Contian | TN | 5 63 | 277.20 | 13 860 | 0.00 | 0 | 120.00 | |
| Concrete CY 12 32.64 392 92.00 1,104 0.00 0 Vire < 4/0 (PWR) | Mina < 4/0 /DM/D\/Eiramain | TN | 00 | 758.00 | 13,000 | 0.00 | U | 120.00 | 0,000 |
| Other Other 12 02.04 0.52 02.05 1,104 0.00 0 Wire < 4/0 (PWR) | | CY | 12 | 32.64 | 100 | 02.00 | 1 104 | 120.00 | 120 |
| Conduit 2*0 Cond | $W_{\text{fra}} < A(1) (DWD)$ | TN | 12 | 756.00 | 392 | 0.00 | 1,104 | 2 100 00 | 6 200 |
| Sched Conduit - RGS Cond W/Supports 2.5" > TN 14 447.30 6,262 0.00 0 120.00 1,680 Sched Conduit - RGS Cond W/Supports 2.5" > TN 14 447.30 6,262 0.00 0 120.00 1,680 Sched Conduit - RGS Cond W/Supports 2.5" > TN 15 447.30 11,183 0.00 0 120.00 3,000 Hangers & Supports - 2" Or > TN 1 207.90 208 0.00 0 120.00 120 Conduit < RGS Cond W/Supports - 2" Or > TN 1 207.90 208 0.00 0 120.00 960 Conduit < 2"-Conduit & Raceway | Condit 200 N - Cond & Program | TM | 3 | AA7 20 | 2,200 | 0.00 | 0 | 420.00 | 0,500 |
| Sched Conduit - NGS Cond W/Supports 2.5 × TN 14 147,30 0,202 0.00 0 120.00 1,080 Sched Conduit - RGS Cond W/Supports 2.5' × TN 25 447,30 11,183 0.00 0 120.00 3,000 Hangers & Supports - 2'' Or × TN 1 207.90 208 0.00 0 120.00 120 Conduit < 2''-Conduit & Raceway | School Conduit 2 OF 2 - CONU. arCaCeway | | 21 | 447.30 | #,393 6 101 | 0.00 | U | 120.00 | 2,520 |
| Conduct Conduit | Schod Conduit - DCS Cond M/Cumports 2.5 2 | TM | 14 | AA7 20 | 11 103 | 0.00 | U | 120.00 | 1,080 |
| Conduit < 2"-Conduit & Raceway TN 8 447.30 3,578 0.00 0 120.00 960 Conduit < 2"-Conduit & Raceway | Hanner & Supports 2" Or > | | 25 | -147.30 207.00 | 11,100 | 0.00 | 0 | 120,00 | 3,000 |
| Consult a national of the sector of TN 10 477.30 4.051 0.00 01 120,00 800 | Conduit < 7 Conduit & Pacauray | TN | | 447 30 | 200 | 0.00 | 0 | 120.00 | 120 |
| | Sched Conduit - RGS Cond W/Sumoute < 7 | TN | 18 | 447 30 | 8 051 | 0.00 | 0 | 120.00 | 2 160 |

| | | | Removal | Total | Disposa | | Salvage | Realizable |
|---|---------|----------|----------|-----------|----------|-----------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per item | Measure | ltem |
| Sched Conduit - RGS Cond W/Supports < 2" | TN | 16 | 447.30 | 7,157 | 0.00 | 0 | 120.00 | 1,920 |
| Sched Conduit - Pull Boxes | TN | 1 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Light & Comm Co - Other | TN | 1 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Cable Tray/Fittings W/Supports | TN | 18 | 447.30 | 8,051 | 0,00 | 0 | 120,00 | 2,160 |
| Concrete-Duct Bank | CY | 175 | 32.64 | 5,712 | 92,00 | 16,100 | 0.00 | 0 |
| Reinforced Concrete - Ductbank | CY | 57 | 81.60 | 4,651 | 92,00 | 5,244 | 0.00 | 0 |
| Pre-Cast Manhole | CY | 11 | 32.64 | 359 | 92.00 | 1,012 | 0.00 | 0 |
| Sched Wire & Cable - 4KV & > 1/C All Sizes | TN | 20 | 756.00 | 15,120 | 0.00 | 0 | 2,100.00 | 42,000 |
| Sched Wire & Cable - 4KV & > 1/C All Sizes | TN | 11 | 756.00 | 8,316 | 0.00 | 0 | 2,100.00 | 23,100 |
| Sched Wire & Cable - Instrum. Cable - All Sizes | TN | 3 | 756.00 | 2,268 | 0.00 | 0 | 2,100.00 | 6,300 |
| Load Center, Bus - Switchgear | TN | 5 | 277.20 | 1,386 | 0,00 | 0 | 120.00 | 600 |
| Load Center, Bus - Switchgear | TN . | 3 | 277.20 | 832 | 0,00 | 0 | 120.00 | 360 |
| MCC & Low Volt - MCC Switchgear Section | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| MCC & Low Volt - MCC Switchgear Section | TN | 2 | 277.20 | 554 | 0,00 | 0 | 120.00 | 240 |
| Sched. Wire & Cable - 600/Volt 1/C #6 & > PC | TN | 15 | 756.00 | 11,340 | 0,00 | 0 | 2,100.00 | 31,500 |
| Sched. Wire & Cable - 600/Volt 1/C #6 & > PC | TN | 3 | 756.00 | 2,268 | 0.00 | o | 2,100.00 | 6,300 |
| Sched. Wire & Cable - 600/Volt M/C #8 & > PC | TN | 1 | 756.00 | 756 | 0,00 | 0 | 2,100.00 | 2,100 |
| Sched. Wire & Cable - 600/Volt M/C #8 & > PC | TN | 25 | 756.00 | 18,900 | 0,00 | 0 | 2,100.00 | 52,500 |
| Sched Wire & Cable - 600/Volt M/C #6 & < CC | TN | 8 | 756,00 | 6,048 | 0.00 | 0 | 2,100.00 | 16,800 |
| Wire 4/0OR>(PWR)-600V(PWR) | TN | 2 | 756.00 | 1,512 | 0.00 | 0 | 2,100.00 | 4,200 |
| MCC Switchgear Section | TN | 50 | 277.20 | 13,860 | 0.00 | 0 | 120.00 | 6,000 |
| Wire < 4/0 (PWR)-600V PWR | TN | 4 | 756.00 | 3,024 | 0.00 | 0 | 2,100.00 | 8,400 |
| Account 345 Totals | | | _ | 178,806 | _ | 27,416 | - | 230,220 |
| | | | | | | | | |
| Total Common Facilities | | | | 3,551,622 | | 3,223,013 | | 1,291,740 |
| Unit 4 | | | | | | | | |
| Account 341: Structures & improvements | | | | | | | | |
| Intake Structure - Concrete | CY | 1238 | 81.60 | 101.021 | 92.00 | 113.896 | 0.00 | 0 |
| Grills, Screens & Hoists | TN | 22 | 447.30 | 9.841 | 0.00 | 0 | 120.00 | 2 640 |
| Intake Conduit | CY | 628 | 81.60 | 51,245 | 92.00 | 57,776 | 0.00 | _, |
| 4" CI Pipe - Site | TN | 35 | 207,90 | 7.277 | 0.00 | 0 | 120.00 | 4.200 |
| 6"-8" CI Pipe - Site | TN | 20 | 207.90 | 4,158 | 0.00 | 0 | 120.00 | 2.400 |
| 10"-14" RC Pipe | TN | 3 | 81.60 | 245 | 92.00 | 276 | 0.00 | 0 |
| 20"-24" RC Pipe - Site | TN | 9 | 81,60 | 734 | 92.00 | 828 | 0.00 | 0 |
| 2.5"-3" Fiberolass Pipe | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | 0 |
| 4" Fiberglass Pipe | CY | 7 | 32.64 | 228 | 92,00 | 644 | 0.00 | 0 |
| 6"-8" Fiberglass Pipe | CY | 16 | 32.64 | . 522 | 92.00 | 1,472 | 0.00 | 0 |
| 10"-14" Fiberglass Pipe | CY | 11 | 32.64 | 359 | 92,00 | 1,012 | 0.00 | 0 |
| Reinforced Concrete - Holding Tanks | CY | 177 | 81.60 | 14,443 | 92.00 | 16,284 | 0.00 | 0 |
| Culvert/Basin - Reinforced Concrete | CY | 109 | 81.60 | 8,894 | 92.00 | 10,028 | 0.00 | 0 |
| Misc. Steel - Grating | TN | 6 | 447.30 | 2,684 | 0.00 | 0 | 120.00 | 720 |
| Precast Concrete - Manholes | CY | 17 | 32.64 | 555 | 92.00 | 1,564 | 0.00 | 0 |
| 2.5"-3" CI Pipe | TN | 2 | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
| Light Pole Foundation - Reinforced Concrete | CY | 125 | 81.60 | 10,200 | 92.00 | 11,500 | 0.00 | ٥ |
| Fire Water Tank (A) | TN | 115 | 277.20 | 31,878 | 0.00 | 0 | 120.00 | 13,800 |
| Vehicle Protection Posts | CY | 7 | 32.64 | 228 | 92.00 | 644 | 0.00 | 0 |
| Thrusts Blocks - Reinforced Concrete | CY | 309 | 81.60 | 25,214 | 92.00 | 28,428 | 0.00 | 0 |
| 6"-8" OI Pipe Fire | TN | 1 | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| 10"-14" DI Pipe, Fire | TN | 1 | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| 6"-8" HD Poly Fire Line | TN | 39 | 207.90 | 8,108 | 0.00 | 0 | 120.00 | 4.680 |
| 10"-14" HD Poly Fire Line | TN | 97 | 207.90 | 20,166 | 0.00 | 0 | 120.00 | 11,640 |
| Valve,6",8",12"Fire | TN | 246 | 207.90 | 51,143 | 0.00 | 0 | 120.00 | 29,520 |
| 10" - 14" Carbon Steel Pipe Above Ground | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Hydrant - 6"- EA Fire Protectio | TN | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| PB Slab On Grade - Reinforced Concrete | CY | 1,231 | 81.60 | 100,450 | 92.00 | 113,252 | 0.00 | 0 |

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| | | | Removal | Total | Disposal | | Salvage | Realizable |
|--|---------|----------|-------------------|----------|----------|----------------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per item | Measure | Per Item | Measure | item |
| PB Misc SOG Pads - Reinforced Conc | CY | 10 | 81.60 | 816 | 92.00 | 920 | 0.00 | 0 |
| 4" Cl Pipe | TN | 8 | 207.90 | 1,663 | 0.00 | 0 | 120.00 | 960. |
| 6"-8" Cl Pipe | TN | 4 | 207.90 | 832 | 0.00 | 0 | 120.00 | 480 |
| 4" Fiberglass Pipe Underground | CY | 7 | 32.64 | 228 | 92.00 | 644 | 0.00 | 0 |
| 6"-8" PVC Pipe | CY | 24 | 32. 64 | 783 | 92.00 | 2,208 | 0.00 | 0 |
| Rip Rap, Fabric, Sandbags | CY | 385 | 32.64 | 12,586 | 92.00 | 35,420 | 0.00 | 0 |
| Reinforced Concrete - Slab on Grade | CY | 756 | 81.60 | 61,690 | 92.00 | 69,552 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 172 | 81.60 | 14,035 | 92.00 | 15,824 | 0.00 | 0 |
| Reinforced Concrete - Elevated Stabs | CY | 604 | 81.60 | 49,286 | 92.00 | 55,568 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 73 | 81.60 | 5,957 | 92,00 | 6,716 | 0.00 | 0 |
| CTB - Structural Steel | TN | 1,342 | 207.90 | 279,002 | 0.00 | 0 | 120.00 | 161,040 |
| CTB - Miscellaneous Steel | TN | 76 | 447.30 | 33,995 | 0.00 | 0 | 120.00 | 9,120 |
| Structural Steel - Bldg Girts/Wall Framing | TN | 174 | 207.90 | 36,175 | 0.00 | 0 | 120.00 | 20,880 |
| Architectural Features - Block Work | CY | 102 | 32.64 | 3,329 | 92.00 | 9,384 | 0.00 | 0 |
| CTB - Roll Up Doors | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Metal Decking - Elevated Slabs | TN | 27 | 277.20 | 7,484 | 0.00 | 0 | 120.00 | 3,240 |
| Architectural Features - Roof Decking | CY | 461 | 32.64 | 15,047 | 92.00 | 42,412 | 0.00 | 0 |
| Floor Drainage Trench | CY | 13 | 32.64 | 424 | 92.00 | 1,196 | 0.00 | 0 |
| Reinforced Concrete - Foundations | CY | 54 | 81.60 | 4,406 | 92.00 | 4,968 | 0.00 | 0 |
| Misc. Steel - Duct Supports | TN | 74 | 207.90 | 15,385 | 0.00 | 0 | 120.00 | 8,880 |
| Misc. Cranes & Hoists | TN | 40 | 207.90 | 8,316 | 0.00 | 0 | 120.00 | 4,800 |
| Reinforced Concrete - Pile Caps & Tie Beams | CY | 879 | 81.60 | 71,726 | 92.00 | 80,868 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 68 | 81.60 | 5,549 | 92.00 | 6,256 | 0.00 | 0 |
| Intake Structure Hoist | TN | 5 | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |
| Reinforced Concrete - Other | CY | 2 | 81.60 | 163 | 92.00 | 184 | 0.00 | 0 |
| Handrail/Check Plate | TN | 2 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| 20" - 30" Fiberglass Pipe Above Ground | CY | 176 | 32.64 | 5,745 | 92.00 | 16,192 | 0.00 | 0 |
| Intake/Open Cooling Pump | TN | 24 | 207.90 | 4,990 | 0.00 | 0 | 120.00 | 2,880 |
| 10" - 14" Fiberglass Pipe Above Ground | CY | 2 | 32.64 | 65 | 92.00 | 184 | 0.00 | 0 |
| WT Pits Pumps | TN | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| Reinforced Concrete - Pits, Sumps& Ramps | CY | 78 | 81.60 | 6,365 | 92.00 | 7,176 | 0.00 | 0 |
| Reinforced Concrete - Pits, Sumps & Ramps | CY | 114 | 81.60 | 9,302 | 92.00 | 10,488 | 0.00 | 0 |
| 36" Fiberglass Pipe | CY | 15 | 32.64 | 490 | 92.00 | 1,380 | 0.00 | 0 |
| OW Pit Pumps | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| 2"< PVC Pipe | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | 0 |
| 2.5"-3" PVC Pipe | CY | 2 | 32.64 | 65 | 92.00 | 184 | 0.00 | 0 |
| 4" PVC Pipe Potable Water | CY | 2 | 32.64 | 65 | 92,00 | 184 | 0.00 | 0 |
| 6"-8" Potable Water - PVC | CY | 33 | 32.64 | 1,077 | 92.00 | 3,036 | 0.00 | 0 |
| Valve, Manual, Potable | TN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Service Water Tank | TN | 115 | 277.20 | 31,878 | 0.00 | 0 | 120.00 | 13,800 |
| Reinforced Concrete - Utility Rack Foundations | CY | 657 | 81.60 | 53,611 | 92.00 | 60,444 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 21 | 81.60 | 1,714 | 92.00 | 1,932 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 16 | 81.60 | 1,306 | 92.00 | 1,472 | 0.00 | 0 |
| Precast Concrete - Other | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | 0 |
| Precast Concrete - Other | CY | 3 | 32.64 | 98 | 92.00 | 276 | 0.00 | 0 |
| Utility Rack- Structural Steel | TN | 463 | 207.90 | 96,258 | 0.00 | 0 | 120.00 | 55,560 |
| Utility Rack Miscellaneous Steel | TN | 26 | 447.30 | 11,630 | 0.00 | 0 | 120.00 | 3,120 |
| Utility Rack - Grating | TN | 29 | 447.30 | 12,972 | 0.00 | 0 | 120.00 | 3,480 |
| Reinforced Concrete - Other | CY | 6 | 81.60 | 490 | 92.00 | 552 | 0.00 | 0 |
| EP Misc & Structural Steel | TN | 26 | 207.90 | 5,405 | 0.00 | 0 | 120.00 | 3,120 |
| Misc. Steel - Boiler Cavity | TN | 31 | 447.30 | 13,866 | 0.00 | 0 | 120.00 | 3,720 |
| Architectural Features - Block Work | CY | 9 | 32.64 | 294 | 92.00 | 828 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 12 | 81.60 | 979 | 92.00 | 1, 10 4 | 0.00 | 0 |
| Reinforced Concrete - Elevated Slabs | CY | 315 | 81.60 | 25,704 | 92.00 | 28,980 | 0.00 | 0 |
| Reinforced Concrete - Slab On Grade | CY | 493 | 81.60 | 40,229 | 92.00 | 45,356 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 90 | 81.60 | 7,344 | 92.00 | 8,280 | 0.00 | 0 |
| Structural Steel - Control Building | TN | 433 | 207.90 | 90,021 | 0.00 | 0 | 120.00 | 51,960 |

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| | · | | Removal | Total | Disposal | | Salvage | Realizable |
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| | U/M | Total | Cost per | Removal | Cost per | Disposai | Value per | Satvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Measure | item |
| CB - Miscellaneous Steel | TN - | 25 | 447.30 | 11,183 | 0.00 | 0 | 120.00 | 3,000 |
| Structural Steel - Bldg Girters/Walt Framing | TN | 30 | 447.30 | 13,419 | 0.00 | 0 | 120.00 | 3,600 |
| Architectural Features - Block Work | CY | 387 | 32.64 | 12,632 | 92.00 | 35,604 | 0.00 | 0 |
| CB - Interior Finishes | CY | 120 | 32.64 | 3,917 | 92.00 | 11,040 | 0.00 | 0 |
| Metal Decking - Elevated Stabs | TN | 17 | 277.20 | 4,712 | 0.00 | 0 | 120.00 | 2,040 |
| Architectural Features -Roof Decking | CY | 119 | 32.64 | 3,884 | 92.00 | 10,948 | 0.00 | 0 |
| Reinforced Concrete - Pile Caps & Tie Beams | CY | 336 | 81.60 | 27,418 | 92.00 | 30,912 | 0.00 | 0 |
| Account 341 Totals | | | | 1,588,122 | - | 967,104 | | 429,840 |
| Account 342: Fuel Holders, Producers, and Acces | ssories | | | | | | | |
| Firewalls | CY | 122.5 | 32.64 | 3,998 | 92.00 | 11,270 | 0.00 | 0 |
| Cooling Water Heat Exchangers | TN | 5.3 | 277.20 | 1,469 | 0.00 | 0 | 120.00 | 636 |
| LP. Heater Drain Pump | TN | 2.3 | 277.20 | 638 | 0.00 | 0 | 120.00 | 276 |
| Well Cooling Water Pump | TN | 1.45 | 277.20 | 402 | 0.00 | 0 | 120.00 | 174 |
| Boiler Fill and Wash Pump | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Boiler Feed Pumps | TN | 33.75 | 277.20 | 9,356 | 0.00 | 0 | 120.00 | 4,050 |
| Concrete | CY | 65 | 81.60 | 5,304 | 92.00 | 5,980 | 0.00 | 0 |
| Condensate Storage Tank & Equipment | TN | 19 | 277.20 | 5.267 | 0.00 | 0 | 120.00 | 2.280 |
| Condensate Storage Tank foundation | CY | 5.9 | 81.60 | 481 | 92.00 | 543 | 0.00 | 0 |
| Piping | TN | 200.8 | 277 20 | 55 662 | 0.00 | 0 | 120.00 | 24 096 |
| Pipe Insulation | CY | 229 | 63.00 | 14 427 | 26.00 | 5 954 | 0.00 | |
| Miscellaneous Steel & Equinment | TN | 118 | 447 30 | 52 781 | 0.00 | 0,007 | 120.00 | 14 160 |
| Тгерма | TN | 106 | 277 20 | 20,701 | 0.00 | 0 | 120.00 | 12 720 |
| 20" - 24" CS Pine | TN | 43 | 277.20 | 11 020 | 0.00 | 0 | 120.00 | 5 180 |
| 20"-24" CS Pine Cas | TN | 17 | 277.20 | 4 710 | 0.00 | 0 | 120.00 | 2.040 |
| 10" - 14" CS Pine Above Cround | TM | '' | 277.20 | 4,712 | 0.00 | | 120.00 | 2,040 |
| Painformed Concrete Dite Summe & Domon | | 3 | 211.20 | 2,490 | 0.00 | 0 | 120.00 | 1,000 |
| E O System - Reinforced Concernio | CT CY | | 81,00 | 0,038 | 92.00 | 0,808 | 0.00 | U O |
| F.O. System - Reinforced Concrete | | 28 | 81.60 | 2,285 | 92.00 | 2,5/6 | 0.00 | U |
| Adit Adi OG Dire Aleve Convert | | 100 | 63.00 | 6,300 | 26.00 | 2,600 | 0.00 | 0 |
| 10" - 14" CS Pipe Above Ground | | 12 | 207.90 | 2,495 | 0.00 | 0 | 120.00 | 1,440 |
| 4" CS Pipe, Gas | IN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| 6"-6" CS Pipe, Gas | TN | 13 | 207.90 | 2,703 | 0.00 | 0 | 120.00 | 1,560 |
| Reinforced Concrete - Foundations | CY | 132 | 81.60 | 10,771 | 92.00 | 12,144 | 0.00 | 0 |
| Fuel Treatment/Additive Tank | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | - 960 |
| Reinforced Concrete - Foundations | CY | 39 | 81.60 | 3,182 | 92.00 | 3,588 | 0.00 | 0 |
| Account 342 Totals | | | | 235,188 | | 51,463 | | 71,112 |
| Account 343: Prime Movers | | | | | | | | |
| Reinforced Concrete - Pile Caps & Tie Beams | CY | 845 | 81.60 | 68, 9 52 | 92.00 | 77,740 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 181 | 81.60 | 14,770 | 92.00 | 16,652 | 0.00 | 0 |
| Reinforced Concrete - Pits, Sumps & Ramps | CY | 105 | 81.60 | 8,568 | 92.00 | 9,660 | 0.00 | 0 |
| HRSG 4A - Base Plates | TN | 20 | 277.20 | 5,544 | 0.00 | 0 | 120.00 | 2,400 |
| HRSG 4B - Base Plates | TN | 25 | 277.20 | 6,930 | 0.00 | 0 | 120.00 | 3,000 |
| HRSG 4A - Top Casing & Roof Steel | TN | 8 | 277,20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| HRSG 4B - Top Casing & Roof Steel | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| HRSG 4 Diffusers | TN | 7 | 277.20 | 1,940 | 0.00 | Ó | 120.00 | 840 |
| HRSG 4A - Inlet BD & SCR DT | TN | 121 | 447.30 | 54 123 | 0.00 | 0 | 120.00 | 14 520 |
| HRSG 4A - Inlet BD & SCR DT | TN | 121 | 447 30 | 54 123 | 0.00 | ő | 120.00 | 14 520 |
| HRSG 4A - Miscellaneous Platforms & Stairs | TN | | 447 30 | 1 342 | 0.00 | õ | 120.00 | 360 |
| HRSG 48 - Miscellaneous Platforms & Stairs | TN | 3 | 447 30 | 1 342 | 0.00 | ő | 120.00 | 360 |
| HRSG 4 Small Bore Pine | TN | 25 | 210.00 | 5 250 | 0.00 | 0 | 120.00 | 3 000 |
| HRSG 4A - SM Pine Supports Values | TN | 23 | 210.00 | 3,230 | 0.00 | 0 | 120.00 | 3,000 |
| MRSC AR - SM Ding Supports Values | IN | å | 277.20 | 2,210 | 0.00 | U | 120.00 | 900 |
| UDSC 4A Ciloneour # Sunnerte | | 8 | 211.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| HDSC 40 Silencers & Summerie | | 8 | 207.90 | 1,003 | 0.00 | 0 | 120,00 | 960 |
| HDSC 4 Lorge Bare Dies | | E. | 207.90 | 1,063 | 0.00 | 0 | 120.00 | 960 |
| URGO 44 Large Bore Pipe | IN TH | 50 | 207.90 | 10,395 | 0,00 | D | 120.00 | 6,000 |
| nkou 4A - Large, Supports, Valves | 10 | 13 | 207.90 | 2,703 | 0.00 | 0 | 120.00 | 1,560 |

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| | | | Removal | Total | Disposal | | Salvage | Realizable |
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| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per item | Measure | Per Item | Measure | ltem |
| Interconnecting Large Pipe, Supports, Valves 4A | TN | 8 | 207.90 | 1,663 | 0.00 | 0 | 120.00 | 960 |
| Interconnecting Large Pipe, Supports, Valves 4A | TN | 8 | 207.90 | 1,663 | 0,00 | 0 | 120.00 | 960 |
| HRSG 4B - Large Pipe, Supports, Valves | TN | 8 | 207.90 | 1,663 | 0.00 | 0 | 120.00 | 960 |
| HRSG 4B - Large Pipe, Supports, Valves | TN | 50 | 207.90 | 10,395 | 0.00 | 0 | 120.00 | 6,000 |
| HRSG 4A - Modules | TN | 1,632 | 157.50 | 257,040 | 0.00 | 0 | 120.00 | 195,840 |
| HRSG 4B - Modules | TN | 1,632 | 157.50 | 257,040 | 0.00 | 0 | 120.00 | 195,840 |
| HRSG 4A - Instrumentation | TN | 8 | 207.90 | 1,663 | 0.00 | 0 | 120.00 | 960 |
| HRSG 4B - Instrumentation | TN | 8 | 207.90 | 1,663 | 0.00 | 0 | 120.00 | 960 |
| HRSG 4A - HP Drum, Tubes, Downcomers | TN | 127 | 207.90 | 26,403 | 0.00 | 0 | 120.00 | 15,240 |
| HRSG 48 - HP Drum, Tubes, Downcomers | TN | 127 | 207.90 | 26,403 | 0.00 | 0 | 120.00 | 15,240 |
| HRSG 4A - IP Drum, Tubes, Downcomers | TN | 16 | 207.90 | 3,326 | 0.00 | 0 | 120.00 | 1,920 |
| HRSG 4B - IP Drum, Tubes, Downcomers | TN | 16 | 207.90 | 3,326 | 0,00 | 0 | 120.00 | 1,920 |
| HRSG 4A - LP Drum, Tubes, Downcomers | TN | 7 | 207.90 | 1,455 | 0.00 | 0 | 120.00 | 840 |
| HRSG 4B - LP Drum, Tubes, Downcomers | TN | 7 | 207.90 | 1,455 | 0.00 | 0 | 120.00 | 840 |
| Hangers & Supports <= 4" | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| 2.5" - 4" CS Pipe Above Ground | TN | 18 | 207.90 | 3,742 | 0.00 | 0 | 120.00 | 2,160 |
| Hangers & Supports - LB | TN | 42 | 207.90 | 8,732 | 0.00 | 0 | 120.00 | 5,040 |
| 6" - 8" CS Pipe Above Ground | TN | 73 | 207.90 | 15,177 | 0.00 | 0 | 120.00 | 8,760 |
| 10" - 14" CS Pipe Above Ground | TN | 127 | 207.90 | 26,403 | 0.00 | 0 | 120,00 | 15,240 |
| 6" - 8" CM Pipe Above Ground | TN | 6 | 207.90 | 1,247 | 0.00 | 0 | 120.00 | 720 |
| HRSG Feed Pumps | TN | 6 | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| Reinforced Concrete - Foundations | CY | 22 | 81.60 | 1,795 | 92.00 | 2,024 | 0.00 | 0 |
| Instrument Tubing & Sensing | TN | 4 | 447.30 | 1,789 | 0.00 | 0 | 120,00 | 480 |
| CT 4A | TN | 506 | 157.50 | 79,695 | 0.00 | 0 | 120.00 | 60,720 |
| CT 4B | TN | 506 | 157.50 | 79,695 | 0.00 | 0 | 120.00 | 60,720 |
| Diffuser Enclosure - HRSG 4A | TN | 4 | 447.30 | 1,789 | 0.00 | 0 | 120.00 | 480 |
| Diffuser Enclosure - HRSG 4B | TN | 4 | 447.30 | 1,789 | 0.00 | 0 | 120.00 | 480 |
| CT 4A - Interconnect Pipe | TN | 8 | 277.20 | 2,218 | 0.00 | U | 120.00 | 900 |
| CT 4B - Interconnect Pipe | TN | 8 | 277,20 | 2,218 | 0.00 | U | 120.00 | 900 |
| 20" - 30" CS Pipe Above Ground | IN | 1 | 207.90 | 208 | 0.00 | U | 120.00 | 120 |
| Instrument Main Steam Piping | | 3 | 207.90 | 024 | 0.00 | 0 | 120.00 | 1 690 |
| 2" & Ounder CM Pipe Above Ground | IN THE | 14 | 207.90 | 2,911 | 0.00 | U 0 | 120.00 | 240 |
| 2.5" - 4" CM Pipe Above Ground | I Ni TINI | 2 | 207.90 | 410 | 0.00 | 0 | 120.00 | . 2160 |
| 10" - 14" CS Pipe Above Ground | 101 | 10 | 207.90 | 3,14Z | 0.00 | 0 | 120.00 | 3,600 |
| 10" - 14" CM Pipe Above Ground | | 30 | 207.90 | 0,237 | 0.00 | 0 | 120.00 | 18 120 |
| 116" - 18" CM Pipe Above Ground | IN TN | 101 | 207.90 | 31,383 | 0.00 | 0 0 | 120.00 | 840 |
| Inkes Blowcown Tank | | 424 | 207.50 | 1,400 | 0.00 | 12 052 | 0.00 | |
| Remorced Concrete - Pits, Sumps & Ramps | | 131 | 207.00 | 10,090 | 92.00 | 12,002 | 120.00 | 9 120 |
| 20 - 30 CS Pipe Above Ground | TN | 100 | 207.80 | 15,000 | 0.00 | 0 | 120.00 | 20,280 |
| 120 - 30 CM Pipe Above Ground | IN TM | 20 | 207.80 | 4 158 | 0.00 | 0 | 120.00 | 2 400 |
| 04 Steam Turbine Equipment | | 20 | 207.90 | 4,150 | 0.00 | 0 | 120.00 | 1,560 |
| D4 Steam Fullog Reinferred Constante Enundations | | 13 | 207.50 | 2,703 | 92.00 | 2 760 | 0.00 | ., |
| Condenante Tenke | TN | 50 | 277.00 | 2,440 | 0.00 | 2,750 | 120.00 | 6 360 |
| Concensale Tanks | | 400 | 62.00 | 25 200 | 26.00 | 10 400 | 0.00 | 0,000 |
| Insulation Deletered Concrete Foundations | | 400 | 81.60 | 1 224 | 92.00 | 1 390 | 0.00 | |
| Ambitactural Contrate - Poundations | | 7 | 91.60 | 571 | 92.00 | 644 | 0.00 | |
| Condenses Veguum Pump | | | 977 20 | 1 100 | 0.00 | ~~~ ^~~ | 120.00 | 480 |
| Deinformed Concrete Equindations | CY CY | 40 | 81.60 | 3 264 | 92.00 | 3 680 | 0.00 | |
| Concerto Stack Equinations | CY CY | 345 | 81.60 | 28 152 | 92.00 | 31 740 | 0.00 | i i i i i i i i i i i i i i i i i i i |
| I uha Oil Dit - Daioforcad Concreta | CY CY | 100 | 81.60 | 8 160 | 92.00 | 9 200 | 0.00 | Ċ |
| CT Lube Of Pit - Centing | TN | 1 | 447 30 | 64A7 | 0.00 | 0, | 120.00 | 120 |
| I O Storage & Transfer - Grating | TN | 3 | 447.30 | 1 342 | 0.00 | 0 | 120.00 | 360 |
| 7" & Hunder Stainless Steel Pine Ahrwa Ground | TN | 10 | 447 30 | 4 473 | 0.00 | 0 | 2,000.00 | 20.000 |
| 2 5" - 4" SS Pine Ahave Ground | TN | 3 | 447,30 | 1 342 | 0.00 | 0 | 2,000.00 | 6,000 |
| CT 4A - Mechanical/Flectrical Pkos | TN | 55 | 277.20 | 15.246 | 0.00 | 0 | 120.00 | 6,600 |
| GT 4B - Mechanical/Electrical Pkgs | TN | 55 | 277.20 | 15,246 | 0.00 | 0 | 120.00 | 6,600 |
| 1 | | | | | | | | |

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| | | | Removal | Total | Disposal | | Salvage | Realizable |
|--|----------|----------|----------|-----------|----------|-------------|-----------|-----------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per item | Measure | Per Item | Measure | item |
| 6" - 8" SS Pipe Above Ground | TN | 15 | 447.30 | 6,710 | 0.00 | 0 | 2,000,00 | 30,000 |
| 10" - 14" SS Pipe Above Ground | TN | 3 | 447.30 | 1,342 | 0.00 | U | 2,000,00 | 6,000 |
| CTB Bridge Crane | TN | 88 | 207.90 | 18,295 | 0.00 | 0 | 120,00 | 10,000 |
| Reinforced Concrete - Inlet Air Duct Foundations | CY | 698 | 81.60 | 56,957 | 92.00 | 64,216 | 0.00 | 3 060 |
| CT 4A - Ductwork | TN | 33 | 277.20 | 9,148 | 0.00 | U | 120.00 | 3,900 |
| CT 4B - Ductwork | TN | 33 | 277.20 | 9,148 | 0.00 | U | 120.00 | 3,800 |
| HRSG 4A - Duct | TN | 5 | 277.20 | 1,386 | 0.00 | U | 120.00 | 31 690 |
| HRSG 4A - Stack | IN | 264 | 277,20 | /3,181 | 0.00 | 49.400 | 120.00 | 31,000 |
| HRSG Unit 4 Stacks | CY | 200 | 81.60 | 16,320 | 92.00 | 10,400 | 120.00 | 31 680 |
| HRSG 4B - Stack | IN | 264 | 277.20 | /3,181 | 0.00 | 0 | 120.00 | 600 |
| HRSG 4B - Duct | IN | 5 | 211.20 | 1,300 | 0.00 | 2 200 | 0.00 | 000 |
| Reinforced Concrete - Foundations | CY | 25 | 81.60 | 2,040 | 92.00 | 2,300 | 0.00 | Ő |
| Reinforced Concrete - Other | CY | 18 | 81.60 | 1,409 | 92.00 | 1,000 | 120.00 | 2 640 |
| Cooling Water Heat Exchanger Shell | | 22 | 277.20 | 0,090 | 0.00 | 0 | 120.00 | 6.960 |
| 16" - 18" CS Pipe Above Ground | | 30 | 277.20 | 10,010 | 0.00 | 0 | 120.00 | 360 |
| Account 343 Totals | 11 | 3 | 211.20 | 1.604.080 | ·····- | 264.504 | | 884,600 |
| PLEOUR PUT IOLAS | | | | .,, | | - , | | |
| Account 344: Generators | ~ | | 04.05 | EQ 400 | | EC 400 | 0.00 | n |
| Pedestal Concrete | CY | 614 | 81.60 | 50,102 | 82.00 | JO,400 0 | 120.00 | 1 800 |
| Exciter | TN | 15 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,000 60,060 |
| Turbo-Generator Unit | TN | 508 | 157.50 | 80,010 | 0.00 | 0 | 120.00 | 24 840 |
| Lurbine Piping | 1 N | 207 | 207.90 | 43,030 | 26.00 | 12 870 | 0.00 | 2-1,0-10 |
| | | 490 | 647.40 | 31,103 | 20.00 | 12,0,0 | 5 000 00 | 230 000 |
| Turbine Copper | IN TH | 40 | 017.40 | 20,400 | 0.00 | 0 0 | 120.00 | 34,200 |
| Condenser Snell | TN | 200 | 207.80 | 52 789 | 0.00 | 0 | 120.00 | 10.260 |
| Convertiser Fuers | TN | 50 | 207.90 | 12 268 | 0.00 | 0 | 120.00 | 7.080 |
| Condensate Pumps and Electors | TN | 16 | 277 20 | 4 435 | 0.00 | ů O | 120.00 | 1,920 |
| Concrete Foundations | CY | 59 | 81.60 | 481 | 92.00 | 543 | 0.00 | 0 |
| Miscellaneous Steel & Environment | TN | 32.4 | 447 30 | 14.493 | 0.00 | 0 | 120.00 | 3,886 |
| Reinforced Concrete - Pedestal Rasemat | CY | 1.077 | 81.60 | 87,883 | 92.00 | 99,084 | 0.00 | 0 |
| Reinforced Concrete - Pedestal Columns | CY | 338 | 81.60 | 27,581 | 92.00 | 31,096 | 0.00 | C |
| Reinforced Concrete - Pedestal Continue | CY | 1.104 | 81.60 | 90,086 | 92.00 | 101,568 | 0.00 | · C |
| Hydrogen Supply Tank | TN | 5 | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| Control Board | CY | 13 | 32.64 | 424 | 92.00 | 1,196 | 0.00 | C |
| Account 344 Totals | | | - | 586,927 | | 302,845 | - | 375,548 |
| Account 345: Accessory Electric Equipment | | - | | | | | | |
| Equipment Foundations | CY | 46.5 | 81.60 | 3,794 | 92.00 | 4,278 | 0.00 | C |
| Structures & Supports | CY | 20.97 | 81.60 | 1,711 | 92.00 | 1,929 | 0.00 | C |
| Concrete | CY | 46.4 | 81.60 | 3,786 | 92.00 | 4,269 | 0.00 | C |
| Service Transformer - High & Low Voltage | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Startup Transformer | TN | 9 | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1,080 |
| Storage Batteries & Equipment | TN | 45 | 277.20 | 12,474 | 0.00 | 0 | 120.00 | 5,400 |
| Concrete Conduit & Ducts | CY | 840 | 81,60 | 68,544 | 92.00 | 77,280 | 0.00 | C |
| Cable Travs | TN | 4.2 | 447.30 | 1,879 | 0.00 | 0 | 120.00 | 504 |
| Power & Control Wiring | TN | 52.5 | 756.00 | 39,690 | 0.00 | C | 2,100.00 | 110,250 |
| Generator Leads | אד | 16 | 756.00 | 12,096 | 0.00 | 0 | 3,600.00 | 57,600 |
| Instrument Transformers | TN | 1.8 | 277.20 | 499 | 0.00 | 0 | 120.00 | 216 |
| 2400v Switchgear | TN | 18 | 277.20 | 4,990 | 0.00 | a | 120.00 | 2,160 |
| 480v Switchgear | TN | 15 | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| Transformer Copper | TN | 21 | 466.20 | 9,660 | 0.00 | 0 | 5,000.00 | 103,600 |
| Reinforced Concrete - Walls | CY | 21 | 81,60 | 1,714 | 92.00 | 1,932 | 0.00 | C |
| Reinforced Concrete - Foundations | CY | 88 | 81.60 | 7,181 | 92.00 | 8,096 | 0.00 | C |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 28 | 81.60 | 2,285 | 92.00 | 2,576 | 0.00 | C |
| Isophase Bus & AS - Excitation Transformer | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |

| | | ·····, | Removal | Total | Disposal | | Salvage | Realizable |
|---|--------------|----------|----------|----------|----------|----------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Measure | Item |
| DC&AC Equipment - Charger/Panel | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Reinforced Concrete - Foundations | CY | 60 | 81.60 | 4,896 | 92.00 | 5,520 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 13 | 81.60 | 1,061 | 92.00 | 1,196 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 35 | 81.60 | 2,856 | 92.00 | 3,220 | 0.00 | 0 |
| Isophase Bus & AS -Auxiliary Power Transformer | TN | 10 | 277.20 | 2,772 | 0.00 | 0 | 120.00 | 1,200 |
| Reinforced Concrete - Foundations | CY | 65 | 81,60 | 5,304 | 92.00 | 5,980 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 26 | 81.60 | 2,122 | 92.00 | 2,392 | 0_00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 101 | 81.60 | 816 | 92,00 | 920 | 0.00 | 0 |
| Isophase Bus & AS - Start-up Transformer | TN | 81 | 277.20 | 2,218 | 0.00 | 0} | 120.00 | 960 |
| DC&AC Equipment - Chargerryanei | TN | 21 | 2/7.20 | 554 | 0.00 | Ŋ | 120.00 | 240 |
| DC&AC Equipment - Charger/Panel | TN | 27 | 2/7.20 | 277 | 0.00 | 01 | 120.00 | 120 |
| Ground Cable | TN | | 756.00 | 5,292 | 0.00 | 0/ | 120.00 | 840 |
| Ground Cable | TN | 10/ | 756,00 | 7,560 | 0.00 | 01 | 120.00 | 1,200 |
| Cathodic Protection | TN | 1 | 447.30 | 447 | 0,00 | 0 | 120.00 | 120 |
| Conduit 2.5" or > RGS | TN | 93 | 447.30 | 41,599 | 0.00 | 0 | 120.00 | 11,160 |
| Conduit 2" Of < RGS | TN | 1/3 | 447.30 | 77,383 | 0.00 | 0 | 120.00 | 20,760 |
| Pull Boxes (an) | TN | 41 | 2/7.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| Unscheduled Conduit | TN | 18 | 447.30 | 8,051 | 0.00 | 0 | 120.00 | 2,160 |
| Cable Tray | TN | 174 | 447.30 | 77,830 | 0.00 | 0 | 120.00 | 20,880 |
| Pre-Cast Electric Mannole | CY | 136 | 32.64 | 4,439 | 92,00 | 12,512 | 0.00 | 0 |
| Other Wire & Cable - Grounding | TN | 61 | 756.00 | 4,536 | 0.00 | 0 | 2,100.00 | 12,600 |
| Conduit 2"Or> Duct Bank (PVC) | TN | 1 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Isophase Bus & AS - Isophase Bus, 18KV 4A | TN | 1 | 447.30 | 44/ | 0.00 | 0 | 120.00 | 120 |
| Isophase Bus Duct | TN | 21 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Isophase Bus 18KV 4B | TN | " | 447.30 | 44/ | 0.00 | 0 | 120.00 | 120 |
| Isophase Bus & AS - Non-Seg & D.C. Bus | TN | y y | 447.30 | 44/ | 0,00 | 0 | 120.00 | 120 |
| Isophase Bus & AS - P1 & Surge Cubicie | TN | 2 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Isophase Bus & AS - Generator Bus Grog 1/F | IN OY | 2 | 447.30 | 2,23/ | 0,00 | 5 000 | 120.00 | 600 |
| Reinforced Concrete - Foundations | CY | 22 | 81.60 | 4,488 | 92.00 | 5,060 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Gurbs, etc. | CY | al | 81.60 | 734 | 92.00 | 828 | 0.00 | 15 000 |
| Keizy Kacks www.re, luce | 1N Th | 3 | 2//.20 | 832 | 0.00 | 0 | 5,000.00 | 15,000 |
| 4KV & > Cable (PVVK) | | 12 | 756.00 | 46,110 | 0.00 | 9 | 2,100.00 | 128,100 |
| Instrument Cable | | 13 | 756.00 | 9,020 | 0,00 | 01 | 2,100.00 | 27,300 |
| Unscheeluied Gabie Loort Contor Buis Cuitcheon | TAL | 20 | / 30.00 | 3,700 | 0.00 | | 1,020.00 | . 2,100 |
| 1080 Center, dus, awitchgear | TAI | 20 | 447.30 | 4 473 | 0.00 | | 120.00 | 3,300 |
| MUU & LOWVOIL - MUU OWICHIgear Occupiti #2.9 - Cabla (DIAID) | Thi Thi | 15 | 447.30 | 9,473 | 0.00 | 5 | 120.00 | 1,200 |
| 49 \$ < Cable (PWK) | Thi | | / 30.00 | 11,340 | 0.00 | 0 | 2,100.00 | 31,500 |
| to & Sudde (Faat) Control Cohio | 1 PN TTRA | | 756.00 | 3,024 | 0.00 | | 2,100.00 | 5,400 |
| Jonifol Capie Deletered Contento - Enundationa | EN CY | 20 | / 50.00 | 10,900 | 0.00 | 44.959 | 2,100.00 | 52,500 |
| Keintorcea Joncrete - Foundations | CT CY | 129 | 81.00 | 10,520 | 92.00 | 11,000 | 0.00 | 0 |
| Jonciele Contine Contorn | GT | 100 | 32.04 | 3,204 | 92.00 | 9,200 | 0.00 | 0 |
| | CT TN | 00 | 32.04 | 2,220 | 92.00 | 6,250 | 0.00 | 0 |
| /VICE 4/10 UT > (PVVK) | EN . | i, | /56.00 | /20 | 0.00 | 0 | 2,100.00 | 2,100 |
| Wife 4/0 UK > (PWK) | IN | | 756.00 | | 0.00 | U U | 2,100.00 | U |
| Iransformer | TN | 15 | 207.90 | 3,119 | 0.00 | 0) | 120.00 | 1,800 |
| Account 345 Totals | | | | 575,082 | | 165,312 | | 635,530 |
| Account 346: Miscellaneous Power Plant Equipment | TN | 30 | 277 20 | 10 811 | 0.00 | | 120.00 | 4 890 |
| 2 & Company Company Contractions | | 257 | 211.20 | 10,811 | 0.00 | 22.044 | 120.00 | 4,000 |
| Realioi Ceu Corkielle - Foundairs is | | 20/ | 01.00 | 20,911 | 92.00 | 23,044) | 0.00 | 0 |
| ASTUMENT AIT LANK | 1N TN | e e | 207.90 | 624 | 0.00 | 9 | 120.00 | 360 |
| Astrument Air Compressor | | 1 | 207.90 | 1,040 | 0.00 | 9 | 120.00 | 600 |
| Astrument Air Diver | I N | 1 | 207.90 | 208 | 0.00_ | | 120.00 | 120 |
| ACCOUNT 346 TOTAIS | | | | 33,653 | | 23,644 | | 5,760 |
| | | | | | | | | |
| | | | 1 | | 1 | | | |

| | | | Removal | Total | Disposal | | Salvage | Realizable |
|---|------------|----------|----------|---------------|----------|-----------------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost worksheet | Measure | Measure | Measure | Per item | Measure | 1 774 872 | Measure | |
| | | | | 4,023,032 | | 1,//4,0/2 | | 2,402,380 |
| Unit 5 | | | | | | | | |
| Account 341: Structures & Improvements | | | | | | | | - |
| Intake Structure | CY | 1238 | 81.60 | 101,021 | 92.00 | 113,896 | 0.00 | 0 |
| Grills, Screens & Hoists | TN | 22 | 447.30 | 9,841 | 0.00 | 0 | 120.00 | 2,640 |
| Intake Conduit | | 627 | 81.60 | 31,103 | 92.00 | 57,084 | 0.00 | v |
| Remoted Concrete - Other | | 58 | 81.60 | 4,/33 | 92.00 | 5,330 | 0.00 | 0 |
| Concrete - Piere Pade Curbe ato | | 31 | 37.64 | 4,001 | 92.00 | 0,244 2,852 | 0.00 | 0 |
| Intake Structure Hoist | TN | 5 | 277.20 | 1,012 | 92.00 | 2,002 | 120.00 | 600 |
| 20" - 30" Fiberalass Pine Above Ground | CY | 157 | 32.64 | 5 124 | 92.00 | 14 444 | 0.00 | 0 |
| Intake/Open Cooling Pump | TN | 24 | 207.90 | 4 990 | 0.00 | ·-, | 120.00 | 2.880 |
| Reinforced Concrete - Pits, Sumos & Ramos | CY | 64 | 81.60 | 5,222 | 92.00 | 5.888 | 0.00 | _, |
| Reinforced Concrete - Utility Rack Foundations | CY | 532 | 81.60 | 43,411 | 92.00 | 48,944 | 0.00 | 0 |
| Reinforced Concrete - Other | CY | 7 | 81.60 | 571 | 92.00 | 644 | 0.00 | 0 |
| Utility Rack - Structural Steel | TN | 231 | 277.20 | 64,033 | 0.00 | 0 | 120.00 | 27,720 |
| Utility Rack - Miscellaneous Steel | ŤΝ | 13 | 447.30 | 5,815 | 0.00 | 0 | 120.00 | 1,560 |
| Utility Racks Grating | TN | 24 | 447.30 | 10,735 | 0.00 | 0 | 120.00 | 2,880 |
| Account 341 Totals | | | - | 313,709 | _ | 254,932 | _ | 38,280 |
| Account 342: Fuel Holders, Producers, and Accesso | ries CV | 122 5 | 32.64 | 3 000 | 02.00 | 11 270 | 0.02 | 0 |
| Cooling Water Heat Evolution | | 53 | 277 20 | 3,550 | 92.00 | 11,270 | 120.00 | 676 |
| I P Heater Drain Pump | TN | 23 | 277.20 | 638 | 0.00 | 0 | 120.00 | 276 |
| Well Cooling Water Pump | TN | 1 45 | 277 20 | 402 | 0.00 | ő | 120.00 | 174 |
| Boller Fill and Wash Pump | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Boiler Feed Pumps | TN | 33.75 | 277.20 | 9,356 | 0.00 | 0 | 120.00 | 4,050 |
| Concrete | CY | 65 | 81.60 | 5,304 | 92.00 | 5,980 | 0.00 | 0 |
| Condensate Storage Tank & Equipment | TN | 19 | 277.20 | 5,267 | 0.00 | 0 | 120.00 | 2,280 |
| Condensate Storage Tank foundation | CY | 5.9 | 81.60 | 481 | 92.00 | 543 | 0.00 | 0 |
| Piping | TN | 200.8 | 277.20 | 55,662 | 0.00 | 0 | 120.00 | 24,096 |
| Pipe Insulation | CY | 229 | 63.00 | 14,427 | 26.00 | 5,954 | 0.00 | · 0 |
| Miscellaneous Steel & Equipment | TN | 118 | 447.30 | 52,781 | 0.00 | 0 | 120.00 | 14,160 |
| 10" - 14" CS Pipe - Above Ground | TN | 5 | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |
| Fuel Oil/Gas Pump | TN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Reinforced Concrete - Foundations Account 342 Totals | CY | 47 | 81.60 | 3,835 | 92.00 | 4,324 28,071 | 0,00 | 46,752 |
| Account 343: Prime Movers | | | | | | | | |
| Concrete - Piers, Pads, Curbs, etc. | CY | 182 | 32.64 | 5,940 | 92.00 | 16,744 | 0.00 | 0 |
| Reinforced Concrete - Pits, Sumos & Ramos | CY | 101 | 81.60 | 8,242 | 92.00 | 9,292 | 0.00 | 0 |
| HRSG 5A - Base Plates | TN | 20 | 157.50 | 3,150 | 0.00 | 0 | 120.00 | 2.400 |
| HRSG 5B - Base Plates | TN | 20 | 157,50 | 3,150 | 0.00 | 0 | 120.00 | 2,400 |
| HRSG 5A - Top Casing & Roof Steel | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| HRSG 5B - Top Casing & Roof Steel | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| HRSG 5 Diffusers | TN | 7 | 277.20 | 1,940 | 0.00 | 0 | 120.00 | 840 |
| HRSG 5A - Inlet Board & SCR DT | TN | 121 | 207.90 | 25,156 | 0.00 | 0 | 120.00 | 14,520 |
| HRSG 5B - Inlet Board & SCR DT | TN | 121 | 207.90 | 25,156 | 0.00 | 0 | 120.00 | 14,520 |
| HRSG 5A - Miscellaneous Platforms & Stairs | TN | 3 | 447.30 | 1,342 | 0.00 | 0 | 120.00 | 360 |
| HRSG 5B - Miscellaneous Platforms & Stairs | TN | 3 | 447.30 | 1,342 | 0.00 | 0 | 120.00 | 360 |
| HRSG 5 Small Bore Pipe | TN | 25 | 277.20 | 6,930 | 0.00 | 0 | 120.00 | 3,000 |
| HRSG 5A - Small Bore Pipe, Supports, Valves | TN | 8 | 277.20 | 2,218 | 0,00 | 0 | 120.00 | 960 |
| INCO SA - Small Bore Pipe, Supports, Valves | TN | 8 | 2/7.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Inkou pA - Silencers & Supports | TN | 8 | 211.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| ILLIO DA - Ollehoers & OUPPOILS | 114 | 8 | 211.20 | 2,218 | 0.00 | U | 120.00 | 900 |

| | | | Removal | Total | Disposal | | Salvage | Realizable |
|--|---------|----------|----------|----------|----------|----------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Measure | Item |
| HRSG 5A - Modules | TN | 1.632 | 157.50 | 257.040 | 0.00 | 0 | 120.00 | 195.840 |
| HRSG 5B - Modules | TN | 1.632 | 157.50 | 257.040 | 0.00 | 0 | 120.00 | 195.840 |
| HRSG 5 Large Bore Pipe | TN | 50 | 207.90 | 10,395 | 0.00 | ů 0 | 120.00 | 6 000 |
| HRSG 5A - Large Bore Pipe, Supports, Valves | TN | 8 | 207.90 | 1.663 | 0.00 | ů O | 120.00 | 960 |
| HRSG 5B - Large Bore Pige, Supports, Valves | TN | 8 | 207 90 | 1 663 | 0.00 | ů O | 120.00 | 960 |
| HRSG 5A -Instrumentation | TN | 8 | 207.90 | 1.663 | 0.00 | 0 | 120 00 | 960 |
| HRSG 5B -Instrumentation | TN | 8 | 207.90 | 1,663 | 0.00 | Ō | 120.00 | 960 |
| HRSG 5A - HP Drum Tubes, Downcomers | TN | 127 | 207.90 | 26 403 | 0.00 | 0 | 120.00 | 15 240 |
| HRSG 5B - HP Drum, Tubes, Downcomers | TN | 127 | 207.90 | 26,403 | 0.00 | 0 | 120.00 | 15.240 |
| HRSG 5A - IP Drum Tubes, Downcomers | TN | 16 | 207.90 | 3.326 | 0.00 | ő | 120.00 | 1.920 |
| HRSG 58 - IP Drum, Tubes, Downcomers | TN | 16 | 207.90 | 3.326 | 0.00 | ŏ | 120.00 | 1,920 |
| HRSG 5A - LP Drum Tubes, Downcomers | TN | 7 | 207.90 | 1.455 | 0.00 | ō | 120.00 | 840 |
| HRSG 58 - LP Drum Tubes, Downcomers | TN | 7 | 207.90 | 1 455 | 0.00 | 0 | 120.00 | 840 |
| Hangers & Supports <= 4" | TN | 3 | 207 90 | 624 | 0.00 | 0 | 120.00 | 360 |
| 2.5" - 4" CS Pipe Above Ground | TN | 15 | 447 30 | 6 710 | 0.00 | ñ | 120.00 | 1 800 |
| Hangers & Supports - Large Bore | TN | 25 | 207.90 | 5,198 | 0.00 | Ő | 120.00 | 3.000 |
| 6" - 8" CS Pipe Above Ground | TN | 42 | 277.20 | 11.642 | 0.00 | 0 | 120.00 | 5.040 |
| 6" - 8" CS Pipe Above Ground | TN | 3 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| 10" - 14" CS Pipe Above Ground | TN | 63 | 207.90 | 13 098 | 0.00 | ő | 120.00 | 7 560 |
| 10" - 14" CS Pipe Above Ground | TN | 4 | 207.90 | 832 | 0.00 | 0 | 120.00 | 480 |
| 6" - 8" CM Pipe Above Ground | TN | 6 | 277 20 | 1 663 | 0.00 | 0 | 120.00 | 720 |
| HRSG Feed Pumps | TN | 6 | 207 90 | 1 247 | 0.00 | - 0 | 120.00 | 720 |
| Reinforced Concrete - Foundations | CY | 20 | 81.60 | 1 632 | 92.00 | 1 840 | 0.00 | 0 |
| Instrument Tubing & Sensing | TN | 4 | 447 30 | 1 789 | 0.00 | | 120.00 | 480 |
| CT 5A | TN | 506 | 157 50 | 79 695 | 0.00 | ő | 120.00 | 60 720 |
| CT 5B | TN | 506 | 157.50 | 79 695 | 0.00 | 0 | 120.00 | 60 720 |
| Diffuser Enclosure - HRSG 5A | TN | 4 | 447.30 | 1,789 | 0.00 | 0 | 120.00 | 460 |
| Diffuser Enclosure - HRSG 58 | TN | 4 | 447.30 | 1,789 | 0.00 | 0 | 120.00 | 480 |
| CT 5A - Interconnect Pipe | TN | 8 | 277.20 | 2.218 | 0.00 | 0 | 120.00 | 960 |
| CT 58 - Interconnect Pipe | TN | 8 | 277.20 | 2.218 | 0.00 | 0 | 120.00 | 960 |
| 16" - 18" CS Pipe Above Ground | TN | 3 | 207.90 | 624 | 0.00 | ō | 120.00 | 360 |
| 20" - 30" CS Pipe Above Ground | TN | 2 | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
| Instrument Main Steam Piping | TN | 3 | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| 2" & Under CM Pipe Above Ground | TN | 11 | 277.20 | 3,049 | 0.00 | 0 | 120.00 | • 1,320 |
| 2.5" - 4" CM Pipe Above Ground | TN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Hangers & Supports - Large Bore | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| 10" - 14" CS Pipe Above Ground | TN | 15 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |
| 10" - 14" CM Pipe Above Ground | TN | 28 | 207.90 | 5,821 | 0.00 | 0 | 120.00 | 3,360 |
| 16" - 18" CM Pipe Above Ground | TN | 113 | 207.90 | 23,493 | 0.00 | 0 | 120.00 | 13,560 |
| HRGS Blowdown Tank | TN | 7 | 207.90 | 1,455 | 0.00 | 0 | 120.00 | 840 |
| Reinforced Concrete - Pits, Sumps & Ramps | CY | 130 | 81.60 | 10,608 | 92.00 | 11,960 | 0.00 | 0 |
| 20" - 30" CS Pipe Above Ground | TN | 41 | 207.90 | 8,524 | 0.00 | 0 | 120.00 | 4,920 |
| 20" - 30" CM Pipe Above Ground | TN | 128 | 207.90 | 26,611 | 0.00 | 0 | 120.00 | 15,360 |
| U5 Steam Turbine Equipment | TN | 15 | 207,90 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |
| U5 Steam Turbine Piping | TN | 21 | 207.90 | 4,366 | 0.00 | 0 | 120.00 | 2,520 |
| Reinforced Concrete - Foundations | CY | 30 | 81.60 | 2,448 | 92.00 | 2,760 | 0.00 | 0 |
| Condenser Vacuum Pump | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| Reinforced Concrete - Foundations | CY | 40 | 81.60 | 3,264 | 92.00 | 3,680 | 0.00 | 0 |
| Reinforced Concrete - Stack Foundations | CY | 359 | 81.60 | 29,294 | 92.00 | 33,028 | 0.00 | 0 |
| 2" & UnderStainless Steel Pipe Above Ground | TN | 7 | 277.20 | 1,940 | 0.00 | 0 | 2,000.00 | 14,000 |
| 2.5" - 4" Stainless Steel Pipe Above Ground | TN | 4 | 277.20 | 1,109 | 0.00 | 0 | 2,000.00 | 8,000 |
| CT 5A - Mechanical/Electrical Packages | TN | 55 | 277.20 | 15,246 | 0.00 | 0 | 120.00 | 6,600 |
| CT 5B - Mech/Elect Pkgs | TN | 55 | 277.20 | 15,246 | 0.00 | 0 | 120.00 | 6,600 |
| 6" - 8" SS Pipe Above Ground | TN | 15 | 207.90 | 3,119 | 0.00 | 0 | 2,000.00 | 30,000 |
| 10" - 14" SS Pipe Above Ground | TN | 3 | 207.90 | 624 | 0.00 | 0 | 2,000.00 | 6,000 |
| Reinforced Concrete - Inlet Air Duct Founds. | CY | 463 | 81.60 | 37,781 | 92,00 | 42,596 | 0.00 | 0 |
| CT 5A - Ductwork | TN | 33 | 277.20 | 9,148 | 0.00 | 0 | 120.00 | 3,960 |

| | | | Remova | Total | Disposal | | Salvage | Realizable |
|--|-----------|----------|----------------|-----------|----------|----------|-----------|--------------|
| | U/M | Totaf | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Neasure | Hem |
| CT 5B - Ductwork | TN | 33 | 277.20 | 9.148 | 0.00 | 0 | 120.00 | 3.960 |
| HRSG 5 Stacks | CY | 200 | 81.60 | 16 320 | 92.00 | 18,400 | 0.00 | 0 |
| HRSG 5A - Duct | TN | 5 | 277 20 | 1 386 | 0.00 | 0 | 120.00 | 600 |
| HRSG 5A - Stack | TN | 264 | 277 20 | 73 181 | 0.00 | Ő | 120.00 | 31 680 |
| HRSG 5B - Duct | TN | 5 | 277 20 | 1 386 | 0.00 | 0 | 120.00 | 000 |
| HRSG 5B - Stack | TN | 264 | 277 20 | 73 181 | 0.00 | 0 | 120.00 | 31 680 |
| Reinforced Concrete - Foundations | CY | 134 | 81 60 | 10 934 | 92.00 | 12 328 | 0.00 | 0.,000 |
| Cooling Water Heat Exchanger Shell | TN | 22 | 207.90 | A 574 | 0.00 | ,0 | 120.00 | 2 640 |
| 16" - 18" CS Pine Above Ground | TN | 51 | 207.00 | 10 603 | 0.00 | o O | 120.00 | 6 120 |
| 20" - 30" CS Pine Above Ground | TN | Å | 207.00 | 832 | 0.00 | ° C | 120.00 | 480 |
| Closed Cooling H20 Pumps | TN | 3 | 207.00 | 624 | 0.00 | Č | 120.00 | 360 |
| Account 343 Totals | | Ň | 201,30 | 1 218 075 | 0.00 | 153 638 | | 977 090 |
| | | | | 1,010,010 | | 102,020 | | 021,000 |
| Account 344: Generators | | | | | | | | |
| Pedestal Concrete | ¢v. | 614 | 91 60 | 50 102 | 02.00 | 50 400 | 0.00 | 0 |
| Evoiter | | 45 | 207.00 | 30,102 | 92.00 | 00,400 | 420.00 | 1 900 |
| Turbo-Conerator Unit | TN | 500 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,000 |
| Turbino Dining | | 000 | 107.00 | 00,010 | 0.00 | 0 | 120.00 | 60,960 |
| Turbing Insulation | | 207 | 207,90 | 43,035 | 0.00 | 10.070 | 120.00 | 29,090 |
| | | 495 | 63.00 | 31,185 | 26.00 | 12,870 | 0.00 | U 000 000 |
| Condenses Shell | IN | 46 | 617.40 | 28,400 | 0.00 | U | 5,000,00 | 230,000 |
| Condenser Snew | | 285 | 207.90 | 59,252 | 0.00 | 0 | 120.00 | 34,200 |
| Condenser Tubes | IN | 85.5 | 61/.4U | 52,788 | 0.00 | 0 | 4,000.00 | 342,000 |
| Condensate Ruman and Electors | IN Thi | 59 | 207.90 | 12,266 | 0.00 | U | 120.00 | 7,080 |
| Concensate Pumps and Ejectors | | 16 | 277.20 | 4,435 | 0.00 | 0 | 120.00 | 1,920 |
| Concrete Foundations | UT TH | 5,9 | 81.60 | 481 | 92.00 | 543 | 0.00 | 0 |
| Miscellaneous Steel & Equipment | IN | 32.4 | 447.30 | 14,493 | 0.00 | 0 | 120.00 | 3,888 |
| Reinforced Concrete- Pedestal Basemat | CY | 1,060 | 81.60 | 86,498 | 92.00 | 97,520 | 0.00 | 0 |
| Reinforced Concrete- Pedestal Columns | CY | 335 | 81.60 | 27,336 | 92.00 | 30,820 | 0,00 | 0 |
| Reinforced Concrete- Pedestal Top Deck | CY | 1,096 | 81.60 | 89,434 | 92.00 | 100,832 | 0.00 | 0 |
| ACCOUNT 344 TOTALS | | | | 582,832 | | 299,073 | | 706,688 |
| Account 245: Accorport Startio Equipment | | | | | | | | |
| Account 345: Accessory Electric Equipment | CV. | 40.5 | 04.00 | 0.704 | 00.00 | 4 070 | 0.00 | |
| Equipment Foundations | | 40.0 | 61.0U 01.60 | 3,784 | 92.00 | 4,278 | 0,00 | U |
| Concerto | | 20.97 | 81.00 | 1,/11 | 92.00 | 1,929 | 0,00 | · U |
| Contrete | | 40.4 | 81.60 | 3,786 | 92.00 | 4,269 | 0.00 | U |
| Service Transformer - High & Low Voltage | IN Th | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Stanup Transformer | IN | ž – | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1,080 |
| Transformer Copper | IN TH | | 466.20 | 3,170 | 0.00 | 0 | 5,000.00 | 34,000 |
| Storage Battenes & Equipment | IN | 45 | 277.20 | 12,4/4 | 0,00 | | 120.00 | 5,400 |
| Concrete Conduit & Ducts | CY | 840 | 81.60 | 68,544 | 92.00 | 77,280 | 0.00 | 0 |
| Cable Trays | IN | 4.2 | 447.30 | 1,879 | 0.00 | 0 | 120.00 | 504 |
| Power & Control Wining | TN | 52.5 | 756.00 | 39,690 | 0.00 | 0 | 2,100.00 | 110,250 |
| Generator Leads | TN | 16 | 756.00 | 12,096 | 0.00 | 0 | 5,000.00 | 80,000 |
| Instrument Transformers | TN | 1.8 | 277.20 | 499 | 0.00 | 0 | 120.00 | 216 |
| 2400v Switchgear | TN | 18 | 277.20 | 4,990 | 0.00 | 0 | 120.00 | 2,160 |
| 480v Switchgear | TN | 15 | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| Concrete | CY | 6 | 32.64 | 196 | 92.00 | 552 | 0.00 | 0 |
| Valve Manual | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Conduit 2" OR > | TN | 2 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Conduit < 2" | TN | 2 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Concrete - Ductbank | CY | 10 | 32.64 | 326 | 92.00 | 920 | 0.00 | 0 |
| Wire 4/0 Or > (PWR) | TN | 2 | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Transformer | TN | 15 | 207.90 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |
| Reinforced Concrete - Walls | CY | 24 | 81.60 | 1,958 | 92.00 | 2,208 | 0.00 | 0 |
| Reinforced Concrete - Foundations | CY | 70 | 81.60 | 5,712 | 92.00 | 6,440 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 13 | 81.60 | 1,061 | 92.00 | 1,196 | 0.00 | 0 |
| Isophase Bus & AS - Excitation Transformer | TN | 8 | 277.20 | 2.218 | 0.00 | 0 | 120.00 | 960 |

| | | | Removal | Total | Disposal | | Salvage | Realizable |
|--|--|----------|------------------|----------------|----------|-----------|-----------|------------|
| | U/M | Total | Cost per | Removal | Cost per | Disposal | Value per | Salvage |
| Removal, Disposal & Salvage | Unit of | Units of | Unit of | Cost | Unit of | Cost | Unit of | Value per |
| Cost Worksheet | Measure | Measure | Measure | Per Item | Measure | Per Item | Measure | ltem |
| DC&AC Equipment - Charger/Panel | TN | 2 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Reinforced Concrete - Foundations | CY | 60 | 81.60 | 4,896 | 92.00 | 5,520 | 0.00 | 0 |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 24 | 81.60 | 1,958 | 92.00 | 2,208 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 26 | 81.60 | 2,122 | 92.00 | 2.392 | 0.00 | 0 |
| Isophase Bus & AS - Auxiliary Power Transf. | TN | 10 | 277.20 | 2.772 | 0.00 | 0 | 120.00 | 1,200 |
| Reinforced Concrete - Foundations | CY | 62 | 81.60 | 5.059 | 92.00 | 5,704 | 0.00 | 0 |
| Reinforced Concrete - Walls | CY | 20 | 81.60 | 1.632 | 92.00 | 1.840 | 0.00 | Ū. |
| Reinforced Concrete - Piers, Pads, Curbs, etc. | CY | 6 | 32.64 | 196 | 92.00 | 552 | 0.00 | 0 |
| Isophase Bus & AS - Start-up Transformer | TN | 8 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| DC&AC Equipment - Charger/Panel | TN | 2 | 277.20 | 554 | 0.00 | Ō | 120.00 | 240 |
| DC&AC Equipment - Charger/Panel | TN | 1 | 277.20 | 277 | 0.00 | . 0 | 120.00 | 120 |
| DC&AC Equipment - Charger/Panel | TN | 1 | 277.20 | 277 | 0.00 | Ō | 120.00 | 120 |
| Ground Cable | TN | | 756.00 | 3 024 | 0.00 | ŏ | 2 100 00 | 8 400 |
| Conduit 2 5"O > RGS Above Ground | TN | 57 | 447 30 | 25 496 | 0.00 | ő | 120.00 | 6 840 |
| Conduit 2" Or < RGS Above Ground | TN | 141 | 447.30 | 63.069 | 0.00 | ő | 120.00 | 16 920 |
| Unscheduled Conduit | TN | 12 | 447 30 | 5 368 | 0.00 | ő | 120.00 | 1 440 |
| Cahle Trav | TN | 156 | 447 30 | 69 779 | 0.00 | 0 | 120.00 | 18 720 |
| Isonhase Bus & As - Pt & Sume Cubicle | TN | 100 | 277 20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Isophase Bus & Ac _ Coner Bue Cond Yfrmr | TN | 5 | 277.20 | 1 398 | 0.00 | 0 | 120.00 | 240 |
| Reinformed Concerte - Ecundations | CV | 40 | R1 60 | 2,017 | 0.00 | 4 446 | 120.00 | 000 |
| Reinforced Concrete - Pierr, Pade, Curbe, etc. | CY CY | 40 | 81.00 | 3,817 | 92.00 | 4,410 | 0.00 | 0 |
| Relay Packs Mating Tube | | 10 | 277.20 | 1,224 | 92,00 | 1,000 | 120.00 | 260 |
| AVAL & Croster Cable (DIAD) | Th | 3 | 211.20 | 632 | 0.00 | U | 120.00 | 300 |
| Floating betweet | TN | 59 | / 30.00 | 44,004 | 0.00 | v | 2,100.00 | 123,900 |
| Licorda algument | TN | 2 | 447.JU 768.00 | 080 0 340 | 0.00 | 0 | 120.00 | 290 |
| Upschoduled Cable | | | 700.00 | 0,010 | 0.00 | 0 | 2,100.00 | 23,100 |
| Unischeduled Cable | The second secon | 4 | 7 30.00 | 3,UZ4 6.020 | 0.00 | U | 2,100.00 | 8,400 |
| Load Center, Bus - Switchgear | | 20 | 277.20 | 0,930 | 0.00 | U | 120.00 | 3,000 |
| MUC & Low Voit - MUC Switchgear Section | | 8 | 2//.20 | 2,216 | 0.00 | U | 120.00 | 960 |
| AO & Greater Cable (PWR) | IN | 19 | 750.00 | 14,304 | 0.00 | 0 | 2,100.00 | 39,900 |
| #8 & Smaller Cable (PWK) | IN | 4 | 756.00 | 3,024 | 0.00 | 0 | 2,100.00 | 8,400 |
| Composicable | IN | 23 | 756,00 | 17,388 | 0.00 | 0 | 2,100.00 | 48,300 |
| Remorced Concrete - Foundations | CY | 114 | 81.60 | 9,302 | 92.00 | 10,488 | 0.00 | 0 |
| ACCOUNT 345 FOTAIS | | | | 460,283 | | 133,572 | | 552,570 |
| Account 346: Miscellaneous Power Plant Equipment | _ | | | | | | | |
| 2" & < CS Pipe Above Ground | TN | 34 | 277.20 | 9,425 | 0.00 | 0 | 120.00 | 4,080 |
| Reinforced Concrete - Foundations | CY | 145 | 81.60 | 11,832 | 92.00 | 13,340 | 0.00 | 0 |
| Instrument Air Compressor | ŤΝ | 5 | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| Instrument Air Dryer | TN | 1 | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Account 346 Totals | | | | 22,920 | | 13,340 | | 4,800 |
| Total Unit 5 | | | | 2,878,279 | | 881,616 | | 2,176,170 |
| Total Lauderdale Common, Units 4 & 5 | | | | 11,052,953 | | 5,879,500 | | 5,870,300 |
| Lauderdaie Gas Turbines | | | | | | | | |
| Account 341: Structures & Improvements | | | | | | | | |
| Concrete and Foundations | CY | 150 | 81.60 | 12,240 | 92.00 | 13,800 | 0.00 | 0 |
| Account 343: Prime Movers | | | | | | | | |
| Gas Expander With Sole Plates | TN | 893 | 277.20 | 247.540 | 0.00 | 0 | 120.00 | 107.160 |
| Gas Generator Engines With Bases | TN | 144 | 277.20 | 39.917 | 0.00 | 0 | 120.00 | 17.280 |
| Turn Gear & Outer Exhaust Case | TN | 103 | 277.20 | 28.552 | 0.00 | ō | 120.00 | 12.360 |
| Upper Half - Outer Exhaust Case | TN | 30 | 277.20 | 8,316 | 0.00 | o | 120.00 | 3,600 |

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| Removal, Disposal & Salvage Cost Worksheet | U/M Unit of Measure | Totai Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per Item | Disposal Cost per Unit of Measure | Disposal Cost Per Item | Salvage Value per Unit of Measure | Realizable Salvage Value per Item |
|---|---------------------------|------------------------------|---|--------------------------------------|--|------------------------------|--|--|
| Opper Hair - Inner Exhaust Case | TN | 264 | 277.20 | 73,181 | 0.00 | 0 | 120.00 | 31.680 |
| Annount 242 Table | TN | 450 | 277.20 | 124,740 | 0.00 | 0 | 120.00 | 54,000 |
| ACCOUNT 343 TOTAIS | | | 7 | 522,245 | - | 0 | - 1 | 226,080 |
| Account 344: Generators | | | | | ł | | | |
| Generator | TN | 29 | 157.50 | 4 568 | 0.00 | 0 | 120.00 | 3 480 |
| Generator Copper | TN | 3 | 617.40 | 1 852 | 0.00 | 0 | E 000.00 | 3,400 |
| Rotor and 2 Coupling Hubs | TN | 3.2 | 157.50 | 504 | 0.00 | 0 | 5,000,00 | 15,000 |
| Account 344 Totals | | | | 6 024 | | | 120.00 - | 384 |
| | | | | 0,024 | 1 | v | | 18,864 |
| Account 345: Accessory Electric Equipment | | | | | | | | |
| Transformers | TN | 13 | 277.20 | 3 485 | 0.00 | 0 | 120.00 | 1 500 |
| Transformer Copper | TN | 5 | 466.20 | 2 331 | 0.00 | 0 | 5 000 00 | 1,300 |
| | | - | | 5 706 | - 0.00 | 0 | 5,000.00 | 20,000 |
| | | | | 0,150 | l | υ | | 26,500 |
| Total Lauderdale Gas Turbines | | | - | 547,205 | - 1 | 13,800 | – | 271 444 |
| | | | | | ł – | | 1 | 200,000 |
| Total Common, Units 4 & 5 and GTs | | | - | 11,600,157 | | 5,893,300 | | 6.141.744 |

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Ft. Myers Plant

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Fort Myers Plant

The Fort Myers Plant is located on a 460 acre site on the Caloosahatchee River, approximately two miles east of Tice, Florida in Lee County.

The original Ebasco Services design for Unit No. 1 and Bechtel Corporation design for Unit No. 2 were for oil-fired operation. These units went into commercial operation in 1958 and 1969 respectively. After the recent re-powering project, the site now consists of a natural gas fired Combined Cycle unit and twelve gas turbine peaking units.

The Fort Myers combined cycle unit, Unit 2, is a 6 on 2 configuration consisting of 6 GE 7FA combustion turbines (CT), 6 Foster Wheeler Heat Recovery Steam Generators (HRSG), and two steam turbines Unit 2 is a newly repowered unit which began commercial operation May, 2002. It was constructed utilizing the previous Unit 1 steam turbine. The new generation output of Unit 2 is 1,470 megawatts, nearly triple the output of the former Unit 1 and Unit 2 combined.

Each of the twelve gas turbine units burns 75 gallons of distillate diesel oil per minute to produce almost 63 megawatts or a total of 756 megawatts if all are run at peak capacity in favorable ambient air conditions. The units are used only during peak-demand periods or sudden emergencies. The gas turbine units went into commercial operation in 1974.

The economic recovery date of the repowered station is 2027. The dismantlement of the plants is assumed to require 2 years beginning in 2032. For the gas turbines, the economic recovery date is 2020. Dismantlement is assumed to occur over a two year period beginning in 2025.

Two dual fuel peaking units 3A and 3B went into commercial operation in 2003. They are FE 7FA combustion turbines similar to the Unit 2 CTs. They provide an additional 340 megawatts of peaking power. These units are included in this study. The economic recovery date for Unit 3 is 2028, with dismantlement assumed to begin in 2033.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Fort Myers plant in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.
FT. MYERS SUMMARY OF DISMANTLEMENT COSTS

| FERC | | Removal Cost | Disposai Cost | Salvage Value | Total |
|---------|---|-----------------|------------------|------------------|-----------------|
| Account | Description | (A) | (B) | (C) | (D)=(A + B - C) |
| | Ft. Myers Common | | | •••• | |
| | | | | | |
| | Production Plant | | | | |
| 341 | Structures and Improvements | 817,999 | 1,090,779 | 130,824 | 1,777,954 |
| 342 | Boiler Plant Equipment | 104,454 | 127,029 | 28,978 | 202,506 |
| 343 | Prime Movers | 0 | 0 | 0 | 0 |
| 344 | Turbogenerator Units | 498,683 | 104,879 | 637,452 | (33,891) |
| 345 | Accessory Electrical Equipment | 247,211 | 62,271 | 496,380 | (186,898) |
| 346 | Miscellaneous Equipment | 0 | 0 | 0 | 0 |
| | Subtotal | 1,668,347 | 1,384,958 | 1,293,633 | 1,759,672 |
| | Ather Site Coste | | | | |
| | Site Management Expenses | 847 478 | | | 047 470 |
| | Asherine Abstement Costs | 13 665 | | | 04/,4/0 |
| | Other Site Contamination | 13,003 | | | 13,000 |
| | Inteke & Discharme Backfill | 207,108 | | | 201,108 |
| | Grading & Seeding | 100,400 | | | 156,480 |
| | Cubining a Second | 3,757,519 | | | 3,757,519 |
| | Scolocal | 5,064,315 | U | U | 5,064,315 |
| | Total | 6,732,662 | 1,384,958 | 1,293,633 | 6.823.987 |
| | Contingency - 16% | 1,077,226 | 221,593 | | 1,298,819 |
| | Total Ft. Myers Common excluding Unusabale M&S | \$7,809,888 | \$1,606,551 | \$1,293,633 | \$8,122,808 |
| | Investe M&S Inventor | 2 771 680 | 0 | 277 168 | 2 404 512 |
| | Total Et. Nyers Common Including Linusabale M&S | 10 581 568 | 1 808 551 | 1 570 901 | 10 617 318 |
| | total to myers common menung chusabare mac | 10,001,000 | 1,000,001 | 1,070,001 | 10,017,310 |
| | Ft. Myers Unit 2 | | | | |
| 341 | Structures and Improvements | 894,560 | 892,871 | 158,260 | 1,629,172 |
| 342 | Fuel Holders, Producers and Accessories | 61,128 | 13,573 | 18,466 | 56,235 |
| 343 | Prime Movers | 8,315,796 | 2,403,299 | 3,087,816 | 7,631,280 |
| 344 | Generators | 847,609 | 194,466 | 1,169,258 | (127,184) |
| 345 | Accessory Electric Equipment | 402,133 | 108,596 | 753,712 | (242,983) |
| | Subtotal | 10,521,226 | 3,612,805 | 5,187,511 | 8,946,520 |
| | Contingency - 16% | 1,683,396 | 578,049 | | 2 261,445 |
| | Total Ft. Myers Unit 2 | \$12,204,622 | \$4,190,854 | \$5,187,511 | \$11,207,965 |
| | | | | | |
| - 10 | Ft. Myers Unit 3 | | | | |
| 343 | Prime Movers | 4,524,226 | 711,621 | 2,308,707 | 2,927,140 |
| 345 | Accessory Electric Equipment | 657,967 | 0 | 267,087 | 390,879 |
| | Subtotal | 5,182,193 | 711,621 | 2,575,794 | 3,318,019 |
| | Contingency - 16% | 829,151 | 113,859 | | 943,010 |
| | Total Ft. Myars Unit 3 | \$8,011,343 | \$825,480 | \$2,575,794 | \$4,261,029 |
| | | | | | |
| 944 | Et. Mvers Gas Turbines | | | | |
| 341 | Structures and Improvements | 50,295 | 22,131 | 10,128 | 62,298 |
| 342 | Puer monuers, Producers and Accessories | 104,806 | 56,128 | 83,266 | 77,668 |
| 343 | | 2,003,416 | 242,595 | 609,912 | 1,636,099 |
| 344 | | 659,945 | 12,600 | 367,840 | 304,705 |
| 345 | Accessory Electric Equipment | 105,893 | 0 | 111,903 | (6,010) |
| | | 2,924,354 | 333,454 | 1,183,049 | 2,074,760 |
| | Total Et Marson Cas Turkings | 467,897 | 53,353 | | 521,249 |
| | I Graf Lif Windle (192 I ALDING2 | \$3,392,251 | \$386,807 | \$1,183,049 | \$2,596,009 |
| | Total Dismantlement Costs | \$32,189,785 | \$7,009,692 | \$10,517,155 | \$28,682,321 |

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FT. MYERS DISMANTLEMENT COST FOR INFLATION PROJECTION

| | Labor | Material & Equipment | Burial | Salvane | Total |
|------------------------|--------------|-------------------------|-------------|--------------|-----------------------|
| Description | (A) | (8) | (C) | (D) | (A) + (B) + (C) - (D) |
| Ft. Myers Common | 4,685,933 | 5,895,635 | \$1,606,551 | \$1,570,801 | \$10,617,318 |
| Ft. Myers Unit 2 | 7,322,773 | 4,881,849 | 4,190,854 | 5,187,511 | 11,207,965 |
| Ft, Myers Unit 3 | 3,606,806 | 2,404,537 | 825,480 | 2,575,794 | 4,261,029 |
| Ft. Myers Gas Turbines | 2,035,351 | 1,356,900 | 386,807 | 1,183,049 | 2,596,009 |
| Total | \$17,650,863 | \$14,538,922 | \$7,009,692 | \$10,517,155 | \$28,682,321 |

Labor is 60% of Removal Cost from Summary of Dismantlement Costs. Material & Equipment is 40% of Removal Cost from Summary of Dismantlement Costs. Burial is 100% of Disposal Cost from Summary of Dismantlement Costs. Salvage is 100% of Salvage from Summary of Dismantlement Costs.

FT. MYERS DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits;
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

The turbine pedestals and chimney will be control-blasted.

Scrap will be unprepared, i.e., cut to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

FT. MYERS DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However, the dismantlement cost of substation equipment is not included in this study so as to avoid duplicating recovery of expense already included in the net salvage factor of the substation plant accounts' depreciation rates.

It is assumed that dismantlement activity at Fort Myers will begin five years after end of service. The end of service dates used for this assumption conform to the economic recovery period ending dates used in the Fort Myers depreciation study submitted in March, 2005 using actual and estimated plant and reserve data as of December 31, 2005. This study was accepted as part of the stipulation and settlement agreement that resolved the 2005 rate case and was approved by the Florida Public Service Commission in Docket Number 050188-EI, Order Number PSC-05-0902-S-EI on September 14, 2005. The economic recovery dates used for this assumption are as follows:

| <u>Unit</u> | Economic Recovery Date |
|--------------|------------------------|
| Unit 2 | 2027 |
| Unit 3 | 2028 |
| Common Plant | 2028 |

Asbestos at Fort Myers plant has been almost completely abated. FPL's Environmental Department recently completed a survey of asbestos at our production plants. It was determined that a minimal amount of asbestos insulation is in use at Fort Myers. It is estimated that the cost of abating this small quantity of asbestos is \$13,665.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Ft. Myers Plant. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$38.20 | х | 6 | 5 | \$229.22 |
|-----------------------------------|---------|----------|---|-----------|----------|
| Foreman | \$49.12 | Х | 1 | \$ | \$49.12 |
| Heavy Equipment Operator | \$46.22 | Х | 1 | = | \$46.22 |
| Total Cost per hour of 8 man crew | | | | | \$324,56 |
| Cost per man hour | | \$324.56 | 1 | 8 = | \$40.57 |

Equipment Rate

The equipment rate is based on the following equipment:

| Crane/Excave Front End Los Cutting Equip Total per mo | ator ader ment inth | | | 34,370.00 6,824.90 <u>231.75</u> \$41,426.65 |
|---|------------------------------|-----|---------------------------|---|
| 41,426.65 | 1 | 176 | hours per month = | 235.38 |
| Cost per man hour Plus: amount for small to Total Cost per man hour | ools | | \$235.38 / 8 = | \$29.42 1.00 \$30.42 |

Equipment & Labor Summary

| Labor Equipment Total | \$40.57 30.42 \$70.99 |
|--|-----------------------------|
| Rounded | \$71.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$76.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| Components | Hourly Rate | Productivity Factor | Removal Factor | |
|--|-------------|---------------------|----------------|--|
| Extra Heavy Steel (1) | \$71.00 | 2.50 MH / Ton | \$177.50 / Ton | |
| Heavy Steel (2) | \$71.00 | 3.30 MH / Ton | \$234.30 / Ton | |
| General Steel | \$71.00 | 4.40 MH / Ton | \$312.40 / Ton | |
| Light Steel | \$71.00 | 7.10 MH / Ton | \$504.10 / Ton | |
| Concrete (also used for fiberglass pip | \$76.00 | 0.48 MH / CY | \$36.48 / CY | |
| Reinforced Concrete | \$76.00 | 1.20 MH / CY | \$91.20 / CY | |
| Copper-Elect. Cable & | | | | |
| Generator Leads & | \$71.00 | 12.00 MH / Ton | \$852.00 / Ton | |
| Copper - Generator | \$71.00 | 9.80 MH / Ton | \$695.80 / Ton | |
| Copper - Transformer | \$71.00 | 7.40 MH / Ton | \$525.40 / Ton | |
| General Insulation | \$71.00 | 1.00 MH / CY | \$71.00 /CY | |
| inground Pipe-Metal(3) | \$71.00 | 6.00 MH / Ton | \$426.00 / Ton | |
| Concrete Pipe | \$76.00 | 4.60 MH / Ton | \$349.60 / CY | |
| Asbestos Insulation | | | \$1,353.00 /CY | |

(1) Includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Gulf Disposal WM Landfill. Concrete and calcium silicated insulation are non-hazardous wastes. The tipping fee of \$39.75/ton was obtained from the Landfill. The dumpster rate are \$325 per haul for a 20 cubic yard dumpster and \$375 per haul for a 30 cubic yard dumpster. There is a four ton deductible for the 20 cubic yard dumpster and a six ton deductible for the larger, 30 cubic yard dumpster.

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 81,000 pounds or 30.50 tons.

| Truck Cost (incl. driver) Tipping Fees Total Cost per round Trip | \$325.00 \$39.75 | / haul / ton | x x | 1 26.5 | haul tons | = | \$325.00 \$1,053.38 1,378.38 | 4 ton deductible |
|--|---------------------|-----------------|-----------------|-----------|--------------|---|------------------------------------|------------------|
| Cost per Cubic Yard Plus 10% contractor profit Total Cost per Cubic Yard | \$1,378.38 | / 15.38 | s cubic yards = | | | | \$89.62 8.96 \$98.58 | |
| Rounded Cost per Cubic | Yard | | | | | | \$99.00 | |

Insulation - Calcium Silicate

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds or .060750 tons. 30 cubic yards times .060750 tons/cubic yard = 1.82 tons. 1.82 tons is less than the six ton deductible so the tipping fee is included in the per haul charge.

Insulation -Calcium Silicate

| Truck Cost (incl. driver) Tipping Fees Total Cost per round Trip | \$375.00 \$39.75 | / haul / ton | x x | 1 0 | haul tons | = | \$375.00 | 6 ton deductible |
|--|---------------------|-----------------|------------|--------|--------------|---|-----------------------------------|------------------|
| Cost per Cubic Yard Plus 10% contractor profit Total Cost per Cubic Yard | \$375.00 | /27 cub | ic yards = | | | | \$13.89 <u>1.39</u> \$15.28 | |
| Rounded Cost per Cubic Y | ard | | | | | | \$15.00 | |

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |
| OTHER SITE COSTS | |

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month. These expenses are assumed to be incurred over the 18 month dismantlement period assumed for the Ft. Myers Plant. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management supervision, security and other costs.

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-----------|
| Number of months | 18 |
| Total Site Management Expenses | \$847,476 |

Intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115. Fort Myers has two intakes and two Discharges.

| | Cost /Unit | Quantity | Totals |
|---------------------|------------|----------|-----------|
| intake [–] | \$44,128 | 2 | \$88,256 |
| Discharge | \$35,115 | 2_ | \$70,230_ |
| Total | | | \$158,486 |

Grading and Seeding

This cost refers to the restoration of the dismantied area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Ft. Myers Acreage to be graded and seeded | 59.10 |
|---|------------------|
| Cost Factor | \$63, <u>579</u> |
| Total Grading and Seeding Expense | \$3,757,519 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Ft. Myers, the following cost estimates have been identified:

| Description | Amount |
|--------------------------|-----------|
| Asbestos | 13,665 |
| Lead in paint | 225 |
| Special Waste | 123,594 |
| Tanks/Washwater | 1,750 |
| Soil/Other Contamination | 161,600 |
| Total | \$300,834 |

| FT. MYERS | | | | | | | | |
|--|--------------|----------------|---|--|--------------------|----------|------------|----------------|
| | | | Removal | | Dîsposal | | Salvage | |
| Removal Dismosal & Salvava | Unit U | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Cost Worksheet | u Measure | Measure | Measure | Removal Cost | Unit of Measure | Disposal | Unit of | Salvage |
| FT. MYERS COMMON | | | | | | Tenn | | AULUS |
| FERC Account 341 | | | | | | | | |
| Access Roads and Parking Areas | ξ | 5,200 | 96 Ja | 100 000 | 10 | | - | |
| Concrete Walkways | 5 2 | 26.9 | | 120,021 | D0.64 | 965,556 | 0.0 | 0 |
| Station Sign - Concrete | ; č | 1 | 26.48 | 0° 107 | 0.55 | | 00 G | 0 |
| Station Sign - Concrete Foundation | 5 | 7 | 81.20 | 848 | 00.00 | 800' | 8.8 | 50 |
| Yard Lighting | Ē | . 7 | 504.10 | 756 | | 5 | | |
| Subtotal | | | 1 | 207,622 | 1 | 560,339 | 20:021 | 180 |
| Domestic Water Distribution System and Water Treatment | | | | | | | | |
| Service Water Booster Pump | Ę | 2 | 312.40 | 469 | 0.00 | c | 120.00 | 100 |
| Yard Fire Protection - System Complete | N. | 49 | 426.00 | 20,874 | 0.00 | 00 | 120.00 | 5,880 |
| | | | | | | | | |
| Lawn Sprinkder System - Incl. Pumps w/ Motors, Comptt. | N. | 7 | 504.10 | 756 | 00.0 | C | 120.00 | |
| Intake Chlorination System - Piping | F | ~ | 312.40 | 362 | 000 | | 120.00 | 120 |
| Intake Chlorination System - Chlorinators | Ę | 2 | 312.40 | 625 | 0.00 | | 120.00 | 961 |
| Sulfuric Acid Storage tank | Ę | ŝ | 312.40 | 1,562 | 0.00 | 0 | 120,00 | 600 |
| Caustic Acid Storage Tank | Ę | ŝ | 312.40 | 1,562 | 0.00 | 0 | 120.00 | 800 |
| C-amicon Mixing Tanks | ž | 15 | 312.40 | 4,686 | 0.00 | 0 | 120.00 | 1,800 |
| Cathon Mixing Lanks | Fi | 2 : | 312.40 | 3,124 | 0.00 | 0 | 120.00 | 1,200 |
| cim bestadise . Dem Mader File D | Z | ę | 504.10 | 5,041 | 0.0 | 0 | 120.00 | 1,200 |
| Fire Devlection - Kaw water Fire Pump | Z | | 504.10 | 756 | 8.0 | 0 | 120.00 | 180 |
| | 5 | n | | 456 | 80.00 | 495 | 80 | 0 |
| | | | | 40,273 | | 495 | | 12,199 |
| Station Structures | | | | · | | | | |
| Service Building - Substructure - Reinforced Concrete | <u>ጉ</u> | 200 | 91.20 | 18,240 | 00.66 | 19,800 | 000 | Ŷ |
| Service Building - Concrete Block Walls 8,000 Blocks | Շ | 131 | 36.48 | 4,784 | 00.66 | 12,984 | 0.00 | Ċ |
| Serves Building - Superstructure - Concrete | Շ i | 308 | 91.20 | 28,044 | 00.6 6 | 30,443 | 0.00 | 0 |
| Device Building + Superstructure - Steel Koof | Zè | ξ | 504.10 | 7,385 | 0.00 | 0 | 120.00 | 1,758 |
| Carrier a curve or is standing of and the carrier or or or of the course | 58 | 2 | 20.48 24 20 20 20 20 20 20 20 20 20 20 20 20 20 | 987 | 00.69 | 2,678 | 00.0 | 0 |
| Station Warehouse - Maintoca Concrete Foundation | 57 | 3 8 | 07-16 | 5,634 | 00.98 | 6,116 | 0.00 | 0 |
| Lime Storage Building - Reinforced Concrete Foundation | <u>ح</u> | | 91.20 | 260'D | | 5 100 | 0.021 | 2,340 |
| Lime Storage Building - Concrete Block Walts | 5 Շ | 3 23 | 36.48 | 1 933 | 00.00 | 2010 | 8.0 | |
| Spare Parts Warehouse - Structural Steel | NI. | 15 | 312.40 | 4,530 | 0.00 | 0 | 120.00 | 1 740 |
| Lime Storage Building - Concrete Roof | Շ | 49 | 36.48 | 1,788 | 99.00 | 4.851 | 0.00 | C |
| Lab Building - Concrete Foundation | Շ | 8 | 91.20 | 4,788 | 99.00 | 5,198 | 0.00 | 0 |
| Subtotal | | | | 102,108 | ſ | 111,621 | 1 | 5,838 |
| Fort Myers Boathouse Facility | i | | | | | | | |
| | Ę | 41 | 504.10 | 2,016 | 0.00 | 0 | 120.00 | 480 |
| roundation and Seawait - concrete Substant | Շ | | 91.20 | 456 | 98.00 | 495 | 0.00 | 0 |
| | | | | 2,472 | | 482 | | 480 |
| <u>Site Sewer System</u> Storm Sewers and Drains - Reinforced Concrete | 5 | ş | 04 XU | 3 282 | 20 | | 50 0 | |
| Storm Sewers and Drains - Piping | i | 3 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 00.55 | 100.'2 | 0.0 | . - |
| 48" R/Concrete Pipe | Շ | 8 | 91.20 | 774 | 00'66 | 841 | 0.00 | -0 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|--|-----------------------|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| 18" R/Concrete Pipe | CY | 13 | 91.20 | 1,145 | 99.00 | 1,243 | 0.00 | 0 |
| 15" R/Concrete Pipe | CY | 28 | 91.20 | 2,596 | 99.00 | 2,819 | 0.00 | 0 |
| 12" R/Concrete Pipe | CY | 4 | 36.48 | 163 | 99.00 | 443 | 0.00 | 0 |
| Sanitary Sewer - Septic Tank Concrete | CY | 23 | 36.48 | 839 | 99.00 | 2,277 | 0.00 | 0 |
| Sanitary Sewer & Floor Drains - System complete | TN | 31 | 312.40 | 9,684 | 0.00 | 0 | 120.00 | 3,720 |
| Subtotal | | | } | 18,486 | l | 11,186 | | 3,720 |
| Fuel Oil System/Area | | | | | | | | |
| Fuel Oil Storage Tank Cleaning- 100,000 BBLS, total | BBLS | 100,000 | n/a | 0 | n/a | 144,623 | 0.00 | . 0 |
| Fuel Oil Storage Tanks - 100,000 BBLS total | TN | 334 | n/a | 34,090 | 0.00 | 0 | 120.00 | 40,080 |
| Soil Remediation | EA | 0 | n/a | 0 | n/a | 72,105 | n/a | 0 |
| Subtotal | | | | 34,090 | | 216,728 | | 40,080 |
| Service Water and Raw Water Systems | | | | | | | | |
| Water Treatment - Concrete | CY | 169 | 91.20 | 15,413 | 99.00 | 16,731 | 0.00 | 0 |
| Water Treatment - Cast Iron Piping | TN | 15 | 426.00 | 6,531 | 0.00 | 0 | 120.00 | 1,840 |
| Raw Water Pump and motor | TN | 5 | 312.40 | 1,562 | 0.00 | 0 | 120.00 | 600 |
| Raw Water Storage Tank - 50,000 Gallons | TN | 17 | 312.40 | 5,464 | 0.00 | 0 | 120.00 | 2,099 |
| Raw Water Storage Tank - Foundation | CY | 55 | 91.20 | 5,016 | 99.00 | 5,445 | 0.00 | 0 |
| Elevated Water Storage Tank - 100,000 Gallons | TN | 35 | 234.30 | 8,196 | 0.00 | 0 | 120.00 | 4,198 |
| Elevated Water Storage Tank - Foundation-Concrete | CY | 155 | 91.20 | 14,136 | 99.00 | 15,345 | 0.00 | 0 |
| Subtotal | | | | 56,317 | | 37,521 | | 8,736 |
| Intake System | | | | j | | | | |
| Intake Structure - Reinforced Concrete | CY | 692 | 91.20 | 63,065, | 99.00 | 68,459 | 0.00 | 0 |
| Intake Structure - Structural Steel | TN | 21 | 234.30 | 4,920 | 0.00 | 0 | 120.00 | 2,520. |
| Intake Structure - Wingwall Cap & Crane Rail Pads | CY | 31 | 91.20 | 2,837 | 99.00 | 3,080 | 0.00 | 0 |
| Intake Structure - Traveling Water Screens | TN | 23 | 312.40 | 7,123 | 0.00 | 0 | 120.00 | 2,736 |
| Intake Structure - Screen Wash Pumps W/ Motors | TN | 6 | 312.40 | 1,874 | 0.00 | 0 | 120.00 | 720 |
| Intake Structure - Concrete Stop Logs | CY | 12 | 91.20 | 1,049 | 99.00 | 1,139 | 0.00 | 0 |
| Intake Cooling Water Pumps and motors | TN | 6 | 312.40 | 1,874 | 0.00 | 0 | 120.00 | . 720 |
| Intake Lube Water Well Pumps - Concrete Foundation | CY | 13 | 91.20 | 1,186 | 99.00 | 1,287 | 0.00 | 0 |
| Intake Structure - Bridge Crane and Hoists | TN | 2 | 312.40 | 625 | 0.00 | 0 | 120.00 | 240 |
| Intake Conduit - 54" Reinforced Concrete Pipe | CY | 47 | 349.60 | 16,557 | 0.00 | 0 | 0.00 | 0 |
| Intake Transition Blocks - Concrete | CY | 91 | 91.20 | 8,254 | 99.00 | 8,960 | 0.00 | 0 |
| Intake Screen Refuse Line - Cast Iron Pipe | אד | 1 | 426.00 | 426 | 0.00 | 0 | 120.00 | 120 |
| Intake Screen Refuse Line - Concrete Pipe | CY | 13 | 91.20 | 1,197 | 99.00 | 1,299 | 0.00 | 0 |
| Subiola | | | | 110,986 | | 84,222 | | 7,056 |
| Discharge System | | | | | | | | |
| Discharge Conduit - 54" Reinforced Concrete Pipe | CY | 175 | 349.60 | 61,065 | 0.00 | o | 0.00 | 0 |
| Discharge Transition and Thrust Blocks | CY | 102 | 91.20 | 9,302 | 99.00 | 10,098 | 0.00 | 0 |
| Discharge Structure - Reinforced Concrete | CY | 187 | 91.20 | 17,009 | 99.00 | 18,464 | 0.00 | 0 |
| Discharge Structure - Concrete Stop Logs | CY | 12 | 91.20 | 1,049 | 99.00 | 1,139 | 0.00 | 0 |
| Subtotal | | | | 68,425 | | 29,700 | | 0 |
| Station Structures | | | | | | | | |
| Substructure Reinforced Concrete - Miscellaneous | CY | 192 | 91.20 | 17,465 | 99.00 | 18,959 | 0.00 | 0 |
| Structural Steel-Main Steel-Incl. crane and elevator | TN | 292 | 234.30 | 68,500 | 0.00 | ot | 120.00 | 35,083 |
| Steel - Hand Railing and Miscellaneous | TN | 54 | 312.40 | 16,870 | 0.00 | 0 | 120.00 | 6,480 |
| Battery and Control Room - Conc Blocks(895) | CY | 15 | 36.48 | 535 | 99.00 | 1,452 | 0.00 | 0 |

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| | | | T | | | | | |
|---|---------|------------|------------|-------------|------------|---|------------|---------|
| | | | Removal | | Disposal | 4 | Salvage | |
| | linit | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal Disposal & Salvago | of | linite of | Unit of | Bernoumi | Unit of | Dispessel | Value per | Sahara |
| Cost Workshest | Neseure | Magazina | Manauto | Cost | Monnue | Disposal | Managerer | Jalvage |
| Station Elever - Deinformed Commite | measure | ATC | Measure | COSI | measure | L051 | Measure | value |
| Station Provis - Namolean Concept | | 175 | 91.20 | 10,900 | 99.00 | 17,323 | 0.00 | 0 |
| Station Come Collection State Franking | | 4 | 504.1D | 1,645 | 0.00 | 0 | 120.00 | 439 |
| Station Crane - Coloy Sorts Fon Garning Crane | | 25 | 234.30 | 5,858 | 0.00 | U | 120.00 | 3,000 |
| Station Elevator - Westinghouse 1200 to capacity | IN | 9 | 312,40 | 2,812 | 0.00 | 0 | 120.00 | 1,080 |
| Hydrogen Storage Sneiter - Concrete | CY | 7 | 36.48 | 271 | 99.00 | 737 | 0.00 | 0 |
| Miscellaneous Grating and Steel Plates | TN | 54 | 504.10 | 27,105 | 0.00 | 0 | 120.00 | 6,452 |
| Subtotal | | | | 157,220 | | 38,472 | | 52,535 |
| Total Account 341 | | | | 817,999 | | 1,090,779 | | 130,824 |
| FERC Account 342 | | | | | | | | |
| Boller Plant Equipment | | | | | | | | |
| Fuel Oil & Gas Equipment | | | | | | | | |
| Swing Tank (abandoned in place) (6.000 BBI) | TN | 27 | n/a | 17.045 | 0.00 | 0 | 120.00 | 3 199 |
| Boiler Blowdown Tank (6.000 BBI) | TN | 27 | n/a | 17 045 | 0.00 | 0 | 120.00 | 3 199 |
| Soi Remediation - Swing & Boiler Blowdown Tanks | FΔ | n/a | n/a | 0,040 | n/a | 22 010 | n/a | 0,100 |
| Tanks - Foundations for both - concrete | CY | n/a | n/2 | Å | n/a | 52 850 | ,50 Día | 0 |
| Condensate Tank - 12 000 BBI S - Removal & Cleaning | RRIC | 12 000 | n/a | 17 045 | nia | 00,000 | 000 | 0 |
| Demolition of Foundation | 6000 | 12,000 | rva s/s | 17,045 | iva nio | 25 200 | 0.00 | 0 |
| Sai Demodiation | | iva ofo | | iva - (- | rva -/- | 33,300 | 0.00 | 0 |
| Cultinguiston | CA. | iva | iva | IVa | rva | 14,400 | 0.00 | 0 |
| Subioval | | | | 51,135 | | 125,451 | | 6,398 |
| | | | | | | | | |
| Roller Plant Auviliaries | | | | | | | | |
| HP Footwater Heater #1 | TN | 24 | 224.20 | E EOR | 0.00 | | 470.00 | 0.000 |
| HP Facturater Heater #2 | TN | 24 | 234.30 | 5,000 | 0.00 | | 120.00 | 2,020 |
| I.P. Foorburter Heater #3 | 111 | 21 | 234.30 | 3,014 | 0.00 | , in the second s | 120.00 | 2,000 |
| I D Ecoderator Heater #1 | Th | 10 | 234.30 | 1,001 | 0.00 | 0 | 120.00 | 840 |
| L P. Faarburter Heater #5 | TN | 10 | 234.30 | 2,413 | 0.00 | 0 | 120.00 | 1,230 |
| L.P. Foodwater Hoster #0 | TA | 10 | 234.30 | 2,413 | 0.00 | | 120.00 | 1,230 |
| Condenante Starone Trade S0 000 Col | 111 | 15 | 234.30 | 3,330 | 0.00 | 0 | 120.00 | 1,818 |
| Condensate Storage Tark - 60,000 Gar | EN OV | 20 | 312.40 | 6,145 | 0.00 | U 4 000 | 120.00 | - 2,360 |
| Condensate Storage Tank Foundation | Cr | 12 | 91.20 | 1,131 | 99.00 | 1,228 | 0.00 | U |
| Condensate Recovery Tank - 2,600 Gal | IN | 2 | 312.40 | 469 | 0.00 | 0 | 120.00 | 180 |
| Condensate Recovery Lank Foundation | CY | 4 | 91.20 | 323 | 99.00 | 350 | 0.00 | 0 |
| Condensate Collecting Cooler | IN . | 1 | 312.40 | 312 | 0.00 | D | 120.00 | 120 |
| Blowdownvillash tank | TN | 3 | 312.40 | 781 | 0.00 | 0 | 120.00 | 300 |
| Condensate Pump motor | TN | 10 | 312.40 | 2,999 | 0.00 | 0 | 120.00 | 1,152 |
| Condensate Pump | TN | 5 | 312.40 | 1,406 | 0.00 | 0 | 120.00 | 540 |
| Instrument Air Compressons | TN | 7 | 312.40 | 2,187 | 0.00 | 0 | 120.00 | 840 |
| Miscellaneous Steel and Equipment | TN | 7 | 312.40 | 2,040 | 0.00 | 0 | 120.00 | 784 |
| Subtotal | | | | 38,540 | | 1,578 | | 16,902 |
| | | | | | | | | |
| Boiler Plant Piping | | | | | | | | |
| Condensate and Air Evaporation | TN | 47 | 312.40 | 14,780 | 0.00 | 0 | 120.00 | 5,677 |
| Subtotal | | | | 14,780 | | 0 | | 5,677 |
| | | | | | | | | |
| | • | | | | | | | |
| I OTAL ACCOUNT 342 | | | | 104,454 | | 127,029 | | 28,978 |
| EERC Account 244 | | | | | | | | |
| Turka Concentra Unite | | | | | | | | |
| I UIPU-Senterator Units | | | | ľ | | 1 | | |

| | | | Removal | | Disposal | | Salvade | |
|---|---------|-----------|----------|---------|----------|---|-----------|---------|
| | Unit | Total | Cost per | Total | Cost per | Total | Value ner | Total |
| Removal, Disposal & Salvage | of | linits of | Unit of | Removal | Unit of | Disposal | Unit of | Salvade |
| Cost Worksbeet | Measure | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Pedestal - Reinforced Concrete | CY | 993 | 91.20 | 90,562 | 99.00 | 98,307 | 0.00 | 0 |
| Turbo-Generator Unit | TN | 534 | 177.50 | 94,732 | 0.00 | 0 | 120.00 | 64 044 |
| Turbine Piping | TN | 207 | 234.30 | 48 547 | 0.00 | 0 | 120.00 | 24 864 |
| Turbine Copper | TN | 48 | 695.80 | 33,398 | 0.00 | ō | 5 000 00 | 240.000 |
| Turbine Enclosure | TN | 15 | 234.30 | 3,456 | 0.00 | o | 120.00 | 1 770 |
| Miscellaneous Steel and Equipment | TN | 15 | 312 40 | 4,720 | 0.00 | · | 120.00 | 1 813 |
| Turbine Insulation | CY | 250 | 71.00 | 17 750 | 15.00 | 3 750 | 0.00 | 1,0,0 |
| Subtotal | | 200 | | 293,165 | 10.00 | 102.057 | 0.00 | 332 491 |
| | | | | 200,100 | | | | 002,101 |
| Condensers and Auxiliaries | | | | | | | | |
| Condenser Shell | TN | 285 | 234.30 | 66 776 | 0.00 | 0 | 120.00 | 34 200 |
| Condenser - Aluminum-Brass Tubes | TN | 86 | 504.10 | 43 101 | 0.00 | ň | 2 800 00 | 239 400 |
| Condenser Foundation - Reinformed Concrete | CY | 18 | 91 20 | 1 642 | 99.00 | 1 782 | 0.00 | 200,400 |
| Cimulating Water Pumps - 58 000 comford motors) | 111 | 50 | 312.40 | 18 432 | 0.00 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 120.00 | 7 090 |
| Circulating Water Pining - Cost Imp incl. values | TN | 05 | 212.40 | 20 544 | 0.00 | 0 | 120.00 | 14 049 |
| Condensate Rumon 17" custion 1° dischardingt atm | | 80 | 312.40 | 28,044 | 0.00 | 0 | 120.00 | 11,340 |
| Condensate Pumps - 12 stratut, o discing(nici, mus) | | 40 | 312.40 | 14,807. | 0.00 | 4.040 | 120.00 | 0,749 |
| loculation | | 11 | 91.20 | 938 | 99.00 | 1,040 | 0.00 | 0 |
| | | 125 | 91.20 | 11,400 | 0.00 | 0 | 0.00 | 0 |
| | 119 | 4/ | 312.40 | 14,003 | 0.00 | 0 | 120.00 | 5,640 |
| Lube Oil Storage Tank (Bowser) | | 0 | 312.40 | 0 | 0.00 | o J | 120.00 | D |
| Miscellaneous Steel and Equipment | IN | 13 | 312.40 | 4,017 | 0.00 | 0 | 120.00 | 1,543 |
| Subtota | | | | 205,518 | | 2,822 | | 304,961 |
| Total Account 344 | | | | 498,683 | | 104,879 | | 637,452 |
| FERC Account 345 | | | | | | | | |
| Accessory Electrical Equipment | | | | | | 1 | | |
| Foundations & Structures | | | | | - | ļ | | |
| Main Generator Leads & Enclosures(Cooper) | TN | 10 | 852.00 | 8.520 | 0.00 | o | 5.000.00 | 50.000 |
| Manholes and Hanholes - Concrete | CY | 118 | 36.48 | 4 286 | 99.00 | 11 633 | 0.00 | 00,000 |
| Transformer(start-up) Foundations - Concrete | CY | 16 | 91 20 | 1 459 | 99.00 | 1 584 | 0.00 | ů N |
| Switchgear Foundations - Concrete | CY | 43 | 91.20 | 3 876 | 99.00 | 4 208 | 0.00 | |
| Load Control Centers Foundations - Concrete | CY | 53 | 9120 | 4 788 | 99.00 | 5 198 | 0.00 | 0 |
| Aux Power Transformer - 7 500 kva | TN TN | 17 | 504 10 | 8,560 | 0.00 | 0,100 | 120.00 | 2 038 |
| Startun Transformer | TN | 20 | 504.10 | 10 228 | 0.00 | Å | 120.00 | 2,030 |
| Station Senice Transformer | 'TN | 12 | 504.10 | 5 848 | 0.00 | | 120.00 | 4 202 |
| Transformer Cooper | 11 | 12 | E2E 40 | 9,040 | 0.00 | Ň | F 000 00 | 1,382 |
| Transformer - Unionding Dock | | 10 | 523.40 | 0,445 | 0.00 | ž | 5,000.00 | 60,330 |
| Stomas Bottan | 111 | 2 | 504.10 | 007 | 0.00 | , i | 120.00 | 204 |
| Storage Dattery | | 3 | 504.10 | 1,512 | 0.00 | 00 050 | 120.00 | 360 |
| Charly ound Ducks - Concrete | | 401 | 91.20 | 36,526 | 99.00 | 39,650 | 0.00 | U |
| Conduit - right alum 3" to 5". | | 43 | 504.10 | 21,525 | 0.00 | 0 | 1,340.00 | 57,218 |
| Exposed Conduits and Cable I rays | IN | 87 | 504.10 | 43,776 | 0.00 | 0 | 1,340.00 | 116,366 |
| Buswork and Copper Tubing | TN | 1 | 504.10 | 504 | 0.00 | 0 | 5,000.00 | 5,000 |
| Load and Motor Control Centers | TN | 5 | 504.10 | 2,268 | 0.00 | 0 | 120.00 | 540 |
| Power/Control Wiring - 135,300 fL | TN | 85 | 852.00 | 72,045 | 0.00 | 0 | 2,100.00 | 177,576 |
| Main Control Board for B-T-G | TN | 0 | 504.10 | 0 | 0.00 | 0 | 120.00 | 0 |
| Switchgear - 2,400v Metalclad | TN | 10 | 504.10 | 5,041 | 0.00 | 0 | 120.00 | 1,200 |
| Switchgear - 480v Metalclad | TN | 9 | 504.10 | 4,537 | 0.00 | 0 | 120.00 | 1,080 |
| Subtotat | | | | 244,600 | | 62,271 | | 495,758 |
| | | | | | | | | |
| | | | | | | | | |

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| FI. MYERS | | i | | | | | | |
|---|---------------|------------------|---------------------|----------------|----------------------|-----------|----------------------|------------|
| | Unit | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value ner | Total |
| Removal, Disposal & Salvage Cost Worksheet | of Measure | Units of Measure | Unit of Measure | Removal | Unit of | Disposal | Unit of | Saivage |
| Transformers Lighting Transformers Subtotal | Ę | ŝ | 504.10 | 2,611 | 00.0 | | 120.00 | 622 622 |
| Total Account 345 | | | | | | | | |
| TOTAL FT. MYERS COMMON | | | | 717,742 | | 62,2/1 | | 496,380 |
| | | | | 1,008,347 | | 1,384,958 | | 1,293,633 |
| FORT MYERS COMBINED CYCLE (INIT 2 FERC Account 341 Site Sewer System | | | | | | | | |
| Storm Sewens and Drains - Concrete(8" - 48") Floor Drains.Sumn Punnos & Oilv Sen - 6" CI Pine | Շ₽ | 22 | 91.20 | 4,980 | 00.66 | 5,405 | 0000 | 0 |
| Oil Separator | : Շ | 2 8 | 91.20 | 3,466 3,466 | 00'66 | 3.762 | 0.00 | 8,790 |
| Subtotal | | | • | 39,650 | | 9,167 | | 8,790 |
| Fuel Oil System/Area | | | | | | | | |
| Fuel Oil Storage Tank - 180,000 BBLS | ₽ | 234 | e/u | 34,090 | 0.00 | 0 | 120.00 | 64,080 |
| ruer Uit Storage Tank - Cleaning Soit Permediation | ងដ | Ę | n/a | 0 | nva | 180,000 | 0.00 | 0 |
| Subjetal | P | u/а | ria Lina | 0 000 | n/a | 94,005 | 0:00 | 0 |
| | | | | | | cm1+77 | | 64,080 |
| Service Water and Raw Water Systems Water Treatment - Area Siab - Concrete | 5 | . 167 | 5 | 46 200 | 20 | | | |
| Water Treatment - Chlorination System | 5 A | 2 | 312.40 | 9,230 | 0.00 | 16,033 | 130.00 | 0 |
| Fire Protection Piping - Ct 2.5" to 8" | Ę | L LO | 426.00 | 2.147 | 00.0 | öc | 120.00 | 240 |
| Raw Water Storage Tank - 100,000 gal. | Ę | 27 | 312.40 | 8,586 | 00.0 | 00 | 120.00 | |
| Service Water - Cast Iron Piping - 4" to 6" | Ŧ | ¥ | 426.00 | 14,331 | 0.00 | 0 | 120.00 | 4,037 |
| (BOCION C | | | | 40,899 | | 16,533 | 1 | 8,172 |
| Intake System | | | | | | | | |
| Intake Structure - Reinforced Concrete | Շ | 1,273 | 91.20 | 116,098 | 00.68 | 126,027 | 0.00 | 0 |
| intere suucure - suucural seee(inci. crane) Intiske Structure - Windwalt Can & Crane Rait Dade | ₹ { | 8 Ş | 234.30 | 10,778 | 0.00 | 0 | 120.00 | 5,520 |
| Intake Structure - Traveling Water Screens | 5 2 | 5 8 | UZ-LE | 9,667 | 99.00 | 10,494 | 0.00 | 0 |
| Intake Structure - Screen Wash Pumps | , F | - 6 0 | 312.40 | 2,499 | 800 | | 120.00 | 187,5 |
| Intake Structure - Concrete Stop Logs | Շ | 12 | 91.20 | 1,049 | 99.00 | 1,139 | 00.0 | 0 |
| Intake Cooking Water Pump Motors | Ęi | 4 | 312.40 | 1,250 | 0.00 | 0 | 120.00 | 480 |
| interve coming water Funts Intake Structure - Hoiste/Orana | Z Z | ~ ~ | 312.40 | 625 | 0,00 | • | 120.00 | 240 |
| Intake Conduit - Reinforced Concrete Pipe. 78" | 5 | 4 ų | 312.4U | 1,093 | 00.0 | 0 | 120.00 | 420 |
| Intake Transition Blocks - Concrete | 5 6 | 346 | 91 20 | 31 555 | 0010 | 0 | 80 | 0 |
| Intake Screen Refuse Line - Concrete Pipe | Շ | 507 | 91.20 | 46.208: | 00 66 | 107 FC | 000 | |
| Intake Screen Refuse Line - Cast Iron Pipe | N | 2 | 426.00 | 997 | 0.00 | 0 | 120.00 | 281 |
| Subtofal | | | • | 247,414 | • | 222,074 | I | 11,698 |
| Discharge System | | | | | | | | |
| Discribing Condutt - /6" Keinforced Concrete Pipe Dischartes Transition and The of Blacks | c i | 213 | 349.60 | 74,626 | 0.00 | 0 | 0.00 | 0 |
| Discharge Structure - Reinforced Concrete | 5 5 | 104 | 91.20 81.30 | 36,571 | 99:00 | 39,699 | 0.0 | 0 |
| Discharge Shucture - Concrete Stop Logs | 5 5 | 12 | 91.20 1 | 1,049 | 00.66 | 1,139 | 0.00 | 50 |

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| | | | <u> </u> | | | | | |
|--|---------|-----------|----------|---------|----------|----------|-----------|---------|
| | | | Removal | | Disnosal | | Salvage | |
| | Unit | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | of | Units of | Linit of | Removal | Unit of | Disposal | Linit of | Salvage |
| Cost Worksheet | Measure | Measure | Measure | Cost | Measure | Cost | Masture | Value |
| Subtotal | | incasore. | measore | 151,188 | maaad) c | 83.111 | measure | 0 |
| | | | | | | , | | - |
| Station Structures | | | | | | | | |
| Substructure concrete footings, piers, beams | TN | 253 | 91.20 | 23,074 | 99.00 | 25,047 | 0.00 | 0 |
| Substructure Reinforced Concrete - Miscellaneous | CY | 1,946 | 91.20 | 177,475 | 99.00 | 192,654 | 0.00 | 0 |
| Structural Steel - Main Steel | TN ·· | 297 | 234.30 | 69,587 | 0.00 | 0 | 120.00 | 35,640 |
| Steel - Hand Railing and Miscellaneous | TN | 162 | 312,40 | 50,609 | 0.00 | 0 | 120.00 | 19,440 |
| Station Floors & Roof - Reinforced Concrete | CY | 187 | 91.20 | 17,054 | 99.00 | 18,513 | 0.00 | 0 |
| Station Crane - Colby 50/15 Ton Gantry Crane | TN | 35 | 234.30 | 8,201 | 0.00 | 0 | 120.00 | 4,200 |
| Station Elevator - Westinghouse 1200 lb capacity | TN | 9 | 312.40 | 2,812 | 0.00 | 0 | 120.00 | 1,080 |
| Boiler Feed Pump Room - Concrete Block and Roof | CY | 127 | 36.48 | 4,617 | 99.00 | 12,528 | 0.00 | 0 |
| Forced Draft Room - Concrete | CY | 354 | 36.48 | 12,928 | 99.00 | 35,084 | 0.00 | 0 |
| Diesel Generator Building - Concrete | CY | 25 | 36.48 | 912 | 99.00 | 2,475 | 0.00 | 0 |
| Emergency Diesel Generators | TN | 16 | 312.40 | 4,998 | 0.00 | 0 | 120.00 | 1,920 |
| Hydrogen Storage Shelter - Concrete | CY | 17 | 36.48 | 619 | 99.00 | 1,680 | 0.00 | 0 |
| Air Intake Labyrinths - Steel | TN | 27 | 312.40 | 8,435 | 0.00 | 0 | 120.00 | 3,240 |
| Subtotal | | | | 381,320 | | 287,981 | | 65,520 |
| Total Amount 244 | | | | | | 000 074 | | 450.000 |
| | | | | 094,000 | | 092,071 | | 150,200 |
| FERC Account 342 | | | | | | | | |
| Boiler Plant Equipment | | | | | | | | |
| Fuel Oil & Gas Equipment | | | | | | | | |
| | | | | | | | | |
| Boller Plant Auxiliaries | | | | | | | | - |
| Boiler Feed Pumps | TN | 54 | 312.40 | 16,870 | 0.00 | 0 | 120.00 | 6,480 |
| Boiler Feed Pump Motors | אד | 21 | 312.40 | 6,560 | 0.00 | 0 | 120.00 | 2,520 |
| Condensate Storage Tank - 150,000 Gal | TN | 54 | 312.40 | 16,885 | 0.00 | 0 | 120.00 | 6,486 |
| Condensate Storage Tank Foundation | CY | 130 | 91.20 | 11,856 | 99.00 | 12,870 | 0.00 | 0 |
| Condensate Recovery Tank | TN | 3 | 312.40 | 906 | 0.00 | 0 | 120.00 | 348 |
| Condensate Recovery Tank Foundation | CY | 7 | 91.20 | 648 | 99.00 | 703 | 0.00 | . 0 |
| Condensate Recovery Cooler | TN | 1 | 312.40 | 312 | 0.00 | 0 | 120.00 | 120 |
| Condensale Transfer Pump Motors | IN The | 8 | 312.40 | 2,515 | 0.00 | 0 | 120.00 | 966 |
| Miscellaneous Steel and Equipment | (N | 10 | 312.40 | 3,124 | 0.00 | 0 | 120.00 | 1,200 |
| Sudsotai | | | | 59,676 | | 13,573 | | 18,120 |
| Boiler Chemical Cleaning System | | | | | | | | |
| Lime Sturry Mixing Tank - 4,000 Gal | TN | 1 | 504 10 | 726 | 0.00 | n | 120.00 | 173 |
| Caustic Solution Tank - 4.000 Gal | TN | 1 | 504.10 | 726 | 0.00 | 0 | 120.00 | 173 |
| Subtotal | | - | | 1,452 | 0.00 | | 120.00 | 346 |
| | | | | .,.02 | | Ũ | | |
| | | | | | | | | |
| Total Account 342 | | | | 61,128 | | 13,573 | | 18,466 |
| | | | | | | | | |
| FERC Account 343 | | | | | | | | |
| Power movers | | | | | | | | |
| Concerning Steam Generator Structure (HRSG) | | | | | | | | |
| Contention Contention | | 63.00 | 312.40 | 19,681 | 0.00 | 0 | 120.00 | 7,560 |
| | CT CT | 105.00 | 91.20 | 9,576 | 99.00 | 10,395 | 0.00 | 0 |
| | | | | 29,257 | | 10,395 | | 7,560 |
| | | | | | | | | |

| ļ | | | | | | | | |
|--|---------|------------|----------|-----------|----------|-----------|----------------------|-----------|
| | l imit | Total | Removal | Total | Disposal | Total | Salvage Value ser | Total |
| Removal Disposal & Salvane | of | i Inite of | Linit of | Pamoval | Linit of | Dieposal | Value per | Sakage |
| Cost Worksheet | Measure | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| HRSG Enclosures | | | 1 | | | | | |
| Combustion Turbine Inlet Filter | TN | 138.00 | 312.40 | 43,111 | 0.00 | 0 | 120.00 | 16,560 |
| Combustion Turbine Inlet Duct | TN | 1,350.00 | 312.40 | 421,740 | 0.00 | 0 | 120.00 | 162,000 |
| SGF HRSG Vents & Drains Pump | TN | 1.50 | 312.40 | 469 | 0.00 | 0 | 120.00 | 180 |
| Supporting Steel | TN | 63.00 | 312.40 | 19,681 | 0.00 | 0 | 120.00 | 7,560 |
| Concrete | CY | 1,600.00 | 91.20 | 145,920 | 99.00 | 158,400 | 0.00 | 0 |
| | | i | 1 | 630,921 | I. | 158,400 | | 186,300 |
| HPSC Processon Desta | | | | | | | | |
| Heat Received Steam Concenter | TAI | 20.072.00 | 224.20 | 4 012 074 | 0.00 | | 120.00 | 2 516 700 |
| Concrete | | 17 025 00 | 234.30 | 4,913,974 | 0.00 | 1 695 475 | 120.00 | 2,510,700 |
| | Çî | 17,023.00 | 91.20 | 6 488 654 | 99,00 | 1,000,475 | 0.00 | 2 516 760 |
| | | | | 0,400,004 | | 1,000,470 | | 2,510,700 |
| Industrial Gas Turbine | | | l . | | ı | | | |
| Gas Turbine | TN | 1.131.00 | 234.30 | 264.993 | 0.00 | 0 | 120.00 | 135,720 |
| Concrete | CY | 925.00 | 91.20 | 84,360 | 99.00 | 91.575 | 0.00 | 0 |
| | | | | 349,353 | | 91,575 | | 135,720 |
| | | | | | | | | |
| Stm Ger/Bir/HRSG Blowdown Cooling System | | | | | | | | |
| WSA Blowdown Pump | TN | 0.88 | 312.40 | 275 | 0.00 | 0 | 120.00 | 106 |
| | | | | 275 | | 0 | | 106 |
| | | | | | | | | |
| Reheat System | | i | | | | | | |
| HRH Hot Reheat Valves | TN | 60.00 | 312,40 | 18,744 | 0.00 | 0 | 120,00 | 7,200 |
| | | | | 18,744 | | 0 | | 7,200 |
| Charles Turblas | | | | | | | 1 | |
| <u>Steam lurbine</u> | ты | 4 500 00 | 477 50 | 278 000 | 0.00 | | 400.00 | 407 000 |
| High Brassure Steam Makes | | 1,360.00 | 177.50 | 276,900 | 0.00 | 0 | 120.00 | 187,200 |
| Miccollangous Values | TN | 42.00 | 312.40 | 11,121 | 0.00 | 0 | 120,00 | 5,040 |
| Concrete | | 4 200 00 | 31240 | 262 040 | 0.00 | 445 000 | 120.00 | 4,410 |
| CONCIENS | | 4,200.00 | 91.20 | 894 542 | 99.00 | 415,000 | 0.00 | 108 850 |
| | | | | 004,042 | | 413,000 | | 150,050 |
| Condensate Transfer System | | | | | | | | |
| WSI Emergency Condensate Pump | TN | 3.25 | 312.40 | 1.015 | 0.00 | 0 | 120.00 | 390 |
| Concrete | ĊY | 3.75 | 91,20 | 342 | 99.00 | 371 | 0.00 | 0 |
| | | | | 1,357 | | 371 | | 390 |
| | | | | | | | | |
| Condenser Air Removal System | | | | | | | | |
| CAB Air Compressor | TN | 13.20 | 312.40 | 4,124 | 0.00 | 0 | 120.00 | 1,584 |
| HRB Condenser Air Extraction Hogger | TN | 18.30 | 312.40 | 5,717 | 0.00 | 0 | 120.00 | 2,196 |
| HRB Condenser Air Extraction Ejector | TN | 7.50 | 312.40 | 2,343 | 0.00 | 0 | 120.00 | 900 |
| Concrete | CY | 12.00 | 91.20 | 1,094 | 99.00 | 1,188 | 0.00 | 0 |
| | | | | 13,278 | | 1,188 | | 4,680 |
| | | | | | | | | |
| Condenser Cooling Water Pump System | | | | | | | | |
| Ever Condensate Storage & Makeup Pump | TN | 1.32 | 312.40 | 412 | 0.00 | ٥ | 120.00 | 158 |
| Privic Londensate Pump | IN | 26.40 | 312.40 | 8,247 | 0.00 | 0 | 120.00 | 3,168 |
| CONCIER | CY | 40.00 | 91.20 | 3,648 | 99.00 | 3,960 | 0.00 | 0 |
| | | | | 12,308 | | 3,960 | | 3,326 |
| | | | | | | | | |

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| Removal, Disposit & Salvage Unit of Cet Wint of Unit of Unit of Total Cost per Unit of Unit of Disposit Resource Salvage Total Cost Per Cost Per Cost Total Cost per Disposit Resource Salvage Cost Cost Per Cost Total Cost per Disposit Resource Salvage Cost Per Cost Total Cost per Disposit Disposit Salvage Salvage Ar Cooling System. G.1. Comme Control TM 255 312.40 7,960 0.00 0 120,00 30,00 Control Cost Media TN 7,20 312.40 2,240 0.00 0 120,00 30,00 Concrease Cost Media TN 7,20 312.40 3,360 0.00 0 120,00 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>T</th> <th></th> <th></th> | | | | | | | T | | | |
|--|--|--|----------|----------|-----------|----------|-----------|-----------|-----------|--------|
| Unit Total Cost per Cost Worksheet Cost per Measure Measure Total Measure Cost Worksheet Cost per Measure Measure Cost Worksheet Total Measure Cost Worksheet Cost per Measure Cost Measure Measure Cost Measure Cost Measure Cost Measure Cost Measure Cost Measure Measure Cost Measure Cost Measure Measure Cost Measure Cost Measure Measure Cost Measure Measure Cost Measure Measure Cost Measure Measure Measure Cost Measure Measure Cost Measure Measure Measure Cost Measure Me | | | | Removal | | Disposal | | Salvage | | |
| Removal & Salvage Column System, G.L. Column Fair Machane Unite of Measure Remove Column Fair Machane Unite of Measure Salvage Measure Unite of Measure Measure Column Fair Machane Measure Column Fair Machane Unite of Measure Measure Column Fair Machane Measure Column Fair Machae Measure Column Fair Machane | | Unit | Total | Cost per | Total | Cost per | Total | Value per | Total | |
| Cost Worksheet Measure Measure Cost Measure View View Coding System SL Concrete TN 22.66 312.40 7.066 0.00 6 120.00 3.090 Concrete CV 30.00 112.00 2.070 0.00 2.070 0.00 3.090 Concrete CV 30.00 112.00 2.070 0.00 0.00 0 120.00 866 EGG Cloved Coding Mater System TN 17.20 372.40 2.248 0.00 0 120.00 16.30 EGG Cloved Coding Mater Coding Tower TN 118.20 312.40 3.8,00 0.00 0 120.00 16.30 Fold Gas Head Exchangers CV 116 312.40 38.00 0.00 0 120.00 17.00 120.00 17.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 | Removal, Disposal & Salvage | of | Units of | Unit of | Removal | Unit of | Disposai | Unit of | Salvage | |
| AT Code System. G.I. Coding Full Mobile Concrete TN 25.50 312.40 7,660 0.00 0 120.00 3.08 Concrete CY 30.00 91.20 2.270 0.00 0 3.08 Concrete TN 7.00 2.270 0.00 0 120.00 1.38 Concrete TN 12.00 312.40 2.246 0.00 0 120.00 1.38 ECG Concol Construm Water Construct TN 116.20 312.40 2.36,80 0.00 0 120.00 9.13 Concrete TN 116.20 312.40 2.36,50 0.00 0 120.00 9.13 Concrete Statual 312.40 2.36,50 0.00 0 120.00 9.13 Concrete Statual 312.40 2.36,510 98.00 176,517 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 </th <th>Cost Worksheet</th> <th>Measure</th> <th>Measure</th> <th>Measure</th> <th>Cost</th> <th>Measure</th> <th>Cost</th> <th>Measure</th> <th>Value</th> | Cost Worksheet | Measure | Measure | Measure | Cost | Measure | Cost | Measure | Value | |
| Control TN 2550 312.40 7.068 0.00 0 132.00 3.300 Concrete CV 30.00 91.20 2.78 99.00 2.270 0.00 4 Concrete CV 30.00 91.20 2.278 99.00 2.270 0.00 9 Concrete TN 12.20 312.40 2.366 0.00 0 120.00 96 EC3 Coase Consing Years TN 118.20 332.40 3.365 0.00 0 120.00 13.96 EC3 Coase Consing Years TN 118.20 332.40 2.300 0 120.00 90.0 33.165 0.00 1 2.00 120.00 90.00 33.165 0.00 1 2.00 120. | Air Cooling System, G.T. | | | | | | | | | |
| Concrete CY 30.00 91.20 2.270 90.00 2.270 0.00 | Cooling Fan Module | TN | 25.50 | 312.40 | 7,966 | 0.00 | 0 | 120.00 | 3,060 | |
| Concount/Cleased Cooling Water System 10,702 2,570 3,089 ECB Closed Cooling Water System TN 7,20 312,40 2,249 0,00 0 120,00 856 ECB Closed Cooling Water Spray Pumps TN 12,00 312,40 3,384 0,00 0 120,00 13,54 ECB Closed Cooling Water Cooling Yater TN 112,00 312,40 3,385 0,00 0 72,00 13,54 ECB Closed Cooling Water Cooling Yater TN 110,00 31,455 0,00 33,455 0,00 72,73 Concrete CY 32,00 91,00 33,455 0,00 33,455 0,00 72,74 Total Account 343 ERE Account 344 8,315,766 2,403,259 3,007,411 10,00 14,14 Totals Account 344 Trebrie Stater TN 10 22,432 2,435 0,00 0 120,00 14,14 Totals Account 344 TN 10 22,432 2,456 0,00 0 120,00 | Concrete | CY | 30.00 | 91.20 | 2,736 | 99.00 | 2,970 | 0.00 | 0 | |
| Concount/Dood Coding Water Spray Pumps TN 7/20 312.40 2.240 0.00 0 120.00 120.00 168 ECB Closed Coding Water Spray Pumps TN 112.00 1120.00 168 152.00 120.00 120.00 153.00 133.44 ECB Closed Coding Water Coding Tower TN 112.00 324.60 33.965 0.00 0 120.00 97.20 Concrete Subtotal Subtotal 33.165 0.00 33.165 0.00 20.552 99.00 170.517 0.00 100.00 120.00 | | | | | 10,702 | | 2,970 | | 3,060 | |
| ECB Cloced Cooling Pumps TN 7.20 312.40 2.246 0.00 0 120.00 128.00 ECB Cloced Cooling Vitting Cooling Tower TN 116.20 312.40 3.966 0.00 0 120.00 13.84 ECB Cloced Cooling Vitting Cooling Pumps TN 116.20 312.40 25.94 0.00 0 120.00 123.00 | Component/Closed Cooling Water System | | | | | | | | | |
| ECB Closed Cooling Varge Cooling Va | ECB Closed Cooling Water Spray Pumps | TN | 7.20 | 312.40 | 2,249 | 0.00 | 0 | 120.00 | 864 | |
| ECG Closed Cooling Water Cooling Tower TN 1112.20 312.40 253.00 0.00 0 123.00 133.00 Fuel Gas Heat Colongers CY 333.00 0.00 0 123.00 0.072 Subtotal 60.00 0.120.00 0.072 0.0552 99.00 0.03.105 0.00 22.00 Total Account 343 0.0177.50 0.057.60 2.403.299 3.067.81 20.00 FERC Account 344 0.0177.50 91.20 162.610 99.00 176.517 0.00 1 Torbine - Rotor TN 118 177.50 32.640 0.00 0 120.00 1.20.0 1.20.0 1.20.0 1.20.0 1.20.0 1.20.00 | ECB Closed Cooling Pumps | TN | 12.60 | 312.40 | 3,999 | 0.00 | 0 | 120.00 | 1,536 | |
| Full Eachangers TN 61:00 31:2:40 25:304 0.00 0 12:0.00 9:7:0.00 33:105 0.00 20:652 99:00 33:105 0.00 20:665 Subtotal 8:40:00 33:105 0:00 33:105 28:00 33:105 28:00 33:105 28:00 28:00 <td colspa="</td"><td>ECB Closed Cooling Water Cooling Tower</td><td>TN</td><td>116.20</td><td>312.40</td><td>36,301</td><td>0.00</td><td>0</td><td>120.00</td><td>13,944</td></td> | <td>ECB Closed Cooling Water Cooling Tower</td> <td>TN</td> <td>116.20</td> <td>312.40</td> <td>36,301</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>13,944</td> | ECB Closed Cooling Water Cooling Tower | TN | 116.20 | 312.40 | 36,301 | 0.00 | 0 | 120.00 | 13,944 |
| Concrete CY 335.00 91.20 30,552 99.90 33,165 0.00 28,064 Total Account 343 8.315,766 2.403,299 3.067,81 2.403,299 3.067,81 FERC Account 344 100,520,000 176,517 0.00 176,517 0.00 1 Packetal - Reinforced Concrete CY 1,783 91.20 162,610 99.00 176,517 0.00 1 Packetal - Reinforced Concrete TN 11/18 177,50 23,040 0.00 0 120.00 14,14 Torbins - Stator TN 10 224,30 2,338 0.00 0 120.00 1,70 Stator Cooling Liquid Unit TN 6 177,50 10,20 0.00 120.00 1,70 Cotar Statid - Upper Torbine end TN 4 177,50 10,27 0.00 0 120.00 47 Outer Statid - Upper Torbine end TN 5 177,50 10,00 0 120.00 6,80 Hydropen Statin | Fuel Gas Heat Exchangers | TN | 81.00 | 312.40 | 25,304 | 0.00 | 0 | 120.00 | 9,720 | |
| Subbial 98,405 33,165 28,065 Total Account 343 8,315,766 2,403,299 3,087,81 FERC Account 344 | Concrete | CY | 335.00 | 91.20 | 30,552 | 99.00 | 33,165 | 0.00 | 0 | |
| Total Account 343 8.315,760 2.403,289 3.007,81 FERC Account 344 Turbe-Generator Units - | Subtotal | | | | 98,405 | | 33,165 | | 26,064 | |
| FERC Account 344 Jurbs Concretie CY 1,783 91.20 182,610 99.00 176,517 0.00 Turbine - Rotor TN 118 177,50 20,920 0.00 0 120.00 24,17 Turbine - Stator TN 118 177,50 23,38 0.00 0 120.00 120.00 24,17 Stator Cooling Lignal Unit TN 10 224,30 2,343 0.00 0 120.00 47,17 Outer Shield - Upper Turbine end TN 4 177,50 606 0.00 0 120.00 47 Outer Shield - Lower End TN 6 177,50 10,06 0.00 0 120.00 68 Hydrogen Sheal unt TN 57 177,50 10,071 0.00 0 120.00 35 Hydrogen Sheal TN 73 177,50 5,701 0.00 0 120.00 320 Hydrogen Sheal TN 52 177,50 5,033 0.00 | Total Account 343 | | | | 8,315,796 | | 2,403,299 | | 3,087,816 | |
| Jurbo-Generator Units 90.00 176.517 0.00 Packetal - Reinforced Concrete TN 116 177.50 20,203 0.00 0 120.00 24,17 Turbine - Stator TN 101 234.30 2,343 0.00 0 120.00 170 0.04 120.00 120.00 120.00 120.00 120.00 120.00 470 0.04 120.00 120.00 120.00 680 120.00 120.00 680 120.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 120.00 6.00 | FERC Account 344 | | | | | | | ļ | | |
| Predestal - Feinforced Concrete CY 1,783 91,20 162,610 99,00 176,517 0.00 Turbine - Rafor TN 118 177,50 35,756 0.00 0 123,00 14,44 Turbine - Stator TN 201 177,50 35,756 0.00 0 120,00 120,00 120,00 120,00 120,00 120,00 120,00 14,44 Terminal Board Bushings TN 10 234,30 2,338 0.00 0 120,00 1,76 Outer Shield - Uoper Turbine end TN 4 177,50 10,67 0.00 0 120,00 47 Outer Shield - Lower End TN 5 177,50 10,67 0.00 0 120,00 6,80 H-P. Uoper Shell TN 7 177,50 10,67 0.00 0 120,00 3,84 Esh. Hood - Uoper TN 52 177,50 15,679 0.00 0 120,00 4,53 Inner Casing - Uoper | Turbo-Generator Units | | | | | | | | | |
| Turbine - Rotor TN 116 177.50 20,920 0.00 0 120,00 14,14 Turbine - Stator TN 201 177.50 35,756 0.00 0 120,00 66 144,14 177.50 10,027 0.00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 0 120,00 66,00 120,00 120,00 66,00 120,00 120,00 120,00 120,00 120,00 120,00 120,00 <td< td=""><td>Pedestal - Reinforced Concrete</td><td>CY</td><td>1,783</td><td>91.20</td><td>162,610</td><td>99.00</td><td>176,517</td><td>0.00</td><td>0</td></td<> | Pedestal - Reinforced Concrete | CY | 1,783 | 91.20 | 162,610 | 99.00 | 176,517 | 0.00 | 0 | |
| Turbin - Stator TN 201 177.50 35,756 0.00 0 120.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 121.00 120.00 | Turbine - Rotor | TN | 118 | 177.50 | 20,920 | 0.00 | 0 | 120.00 | 14,143 | |
| Stator Cooling Liquid Unit TN 10 234.30 2.343 0.00 0 120.00 1,78 Terminal Box and Bushings TN 10 234.30 2.338 0.00 0 120.00 47 Outer Shield - Lower End TN 4 177.50 1.026 0.00 0 120.00 46 Hydrogen Seal unit TN 5 177.50 1.026 0.00 0 120.00 66 HyDroper Shell TN 57 177.50 13.036 0.00 0 120.00 8.81 Exh. Hood - Upper TN 73 177.50 5.701 0.00 0 120.00 3.85 Exh. Hood - Lower TN 52 177.50 5.701 0.00 0 120.00 4.83 Inner Casing - Upper TN 52 177.50 8.033 0.00 0 120.00 4.83 Inner Shell - HP Lower TN 16 177.50 2.603 0.00 120.00 4.93 <td>Turbine - Stator</td> <td>TN</td> <td>201</td> <td>177.50</td> <td>35,759</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>24,175</td> | Turbine - Stator | TN | 201 | 177.50 | 35,759 | 0.00 | 0 | 120.00 | 24,175 | |
| Terminal Box and Bushings TN 10 234.30 2.338 0.00 0 120.00 1,19 Outer Shield - Upper Turbine end TN 4 177.50 6066 0.00 0 120.00 47 Outer Shield - Lower End TN 6 177.50 1,025 0.00 0 120.00 487 HP, Upper Shell TN 57 177.50 13,036 0.00 0 120.00 8,61 Exh. Hood - Upper TN 57 177.50 13,036 0.00 0 120.00 8,61 Inner Casing - Upper TN 57 177.50 15,579 0.00 0 120.00 6,62 Inner Casing - Upper TN 52 177.50 5,779 0.00 0 120.00 6,23 Inner Casing - Upper TN 52 177.50 2,603 0.00 0 120.00 4,53 Inner Casing - Upper TN 16 177.50 1,106 0.00 0 120.00 1,44 Inner Casing - Upper TN 16 177.50 | Stator Cooling Liquid Unit | TN | 10 | 234.30 | 2,343 | 0.00 | 0 | 120.00 | 1,200 | |
| Outre Sheid - Upper Tubine end TN 4 177.50 696 0.00 0 120.00 47 Outre Sheid - Upper Tubine end TN 6 177.50 1.026 0.00 0 120.00 68 Hydrogen Seal unit TN 3 177.50 518 0.00 0 120.00 68 H.P. Lower Shell TN 57 177.50 13,036 0.00 0 120.00 6,80 H.P. Lower Shell TN 52 177.50 5,701 0.00 0 120.00 3,85 Exh. Hood - Lower TN 84 177.50 6,706 0.00 0 120.00 4,53 Inner Casing - Lower TN 84 177.50 6,706 0.00 0 120.00 4,53 Inner Sheil - HP Lower TN 84 177.50 1,706 0.00 0 120.00 1,84 Inner Sheil #2 - Lower TN 6 177.50 1,106 0.00 120.00 74 <td>Terminal Box and Bushings</td> <td>TN</td> <td>10</td> <td>234.30</td> <td>2,338</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>1,198</td> | Terminal Box and Bushings | TN | 10 | 234.30 | 2,338 | 0.00 | 0 | 120.00 | 1,198 | |
| Outer Shield - Lower End TN 6 177.50 1.026 0.00 0 120.00 689 Hyttogen Seel unit TN 3 177.50 518 0.00 0 120.00 935 HP. Upper Shell TN 57 177.50 10,071 0.00 0 120.00 8,81 Exh. Hood - Upper TN 32 177.50 13,036 0.00 0 120.00 8,81 Exh. Hood - Lower TN 84 177.50 15,579 0.00 0 120.00 6,80 Inner Casing - Upper TN 52 177.50 6,706 0.00 0 120.00 6,83 Inner Casing - Upper TN 54 177.50 6,706 0.00 0 120.00 4,83 Inner Casing - Upper TN 16 177.50 2,630 0.00 0 120.00 1,914 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 | Outer Shield - Upper Turbine end | TN | 4 | 177.50 | 696 | 0.00 | 0 | 120.00 | 470 | |
| Hydrogen Seal unit TN 3 177.50 518 0.00 0 120.00 35 H.P. Lower Shell TN 57 177.50 10,071 0.00 0 120.00 6,60 H.P. Lower Shell TN 73 177.50 13,036 0.00 0 120.00 6,60 Exh. Hood - Upper TN 32 177.50 5,701 0.00 0 120.00 3,65 Exh. Hood - Upper TN 32 177.50 9,303 0.00 0 120.00 4,63 Inner Casing - Upper TN 52 177.50 9,303 0.00 0 120.00 4,63 Inner Shell - HP Upper TN 14 177.50 2,938 0.00 0 120.00 1,69 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Upper TN 8 177.50 1,106 0 | Outer Shield - Lower End | TN | 6 | 177.50 | 1,026 | 0.00 | 0 | 120.00 | 694 | |
| H.P. Upper Shell TN 57 177.50 10,071 0.00 0 120.00 6,80 H.P. Lower Shell TN 73 177.50 13,036 0.00 0 120.00 8,81 Exh. Hood - Lower TN 32 177.50 13,036 0.00 0 120.00 8,81 Exh. Hood - Lower TN 32 177.50 15,579 0.00 0 120.00 4,81 Inner Casing - Lower TN 52 177.50 9,303 0.00 0 120.00 4,83 Inner Casing - Lower TN 52 177.50 9,303 0.00 0 120.00 4,83 Inner Casing - Lower TN 14 177.50 2,603 0.00 0 120.00 4,83 Inner Shell - HP Lower TN 16 177.50 1,106 0.00 120.00 7,44 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 120.00 7,44 Inner Shell #2 - Lower TN 38 234.30 8,826 0.30 0< | Hydrogen Seal unit | TN | 3 | 177.50 | 518 | 0,00 | 0 | 120.00 | 350 | |
| H.P. Lower Shell TN 73 177.50 13,036 0.00 0 120.00 3,81 Exh. Hood - Lower TN 32 177.50 5,701 0.00 0 120.00 3,85 Inner Casing - Upper TN 52 177.50 5,701 0.00 0 120.00 3,85 Inner Casing - Upper TN 52 177.50 9,303 0.00 0 120.00 6,28 Inner Casing - Lower TN 38 177.50 2,633 0.00 0 120.00 4,53 Inner Shell - HP Lower TN 16 177.50 2,633 0.00 0 120.00 1,69 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 8 224.30 6,226 0.00 0 120.00 74 Turbine Stop Valves TN 52 224.30 60,918 | H.P. Upper Shell | TN | 57 | 177.50 | 10,071 | 0.00 | 0 | 120.00 | 6,809 | |
| Exh. Hood - Upper TN 32 177.50 5,701 0.00 0 120.00 3,85 Exh. Hood - Lower TN 88 177.50 15,579 0.00 0 120.00 16,53 Inner Casing - Upper TN 52 177.50 9,303 0.00 0 120.00 6,28 Inner Shell - HP Upper TN 38 177.50 2,603 0.00 0 120.00 4,53 Inner Shell - HP Upper TN 14 177.50 2,603 0.00 0 120.00 1,69, Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 52 234.30 16,825 0.00 0 120.00 74 Inner Shell #2 - Lower TN 38 234.30 12,226 0.00 0 120.00 | H.P. Lower Shell | TN | 73 | 177.50 | 13,036 | 0.00 | 0 | 120.00 | 8,813 | |
| Exh. Hood - Lower TN 88 177.50 15.779 0.00 0 120.00 10,53 Inner Casing - Lower TN 52 177.50 9,303 0.00 0 120.00 6,28 Inner Casing - Lower TN 38 177.50 6,706 0.00 0 120.00 4,53 Inner Shell - HP Upper TN 14 177.50 2,603 0.00 0 120.00 1,69 Inner Shell - HP Upper TN 16 177.50 1,106 0.00 0 120.00 7,44 Inner Shell # 2 - Upper TN 6 177.50 1,106 0.00 0 120.00 7,44 Inner Shell # 2 - Upper TN 6 177.50 1,106 0.00 0 120.00 7,42 Inner Shell # 2 - Upper TN 8 177.50 1,106 0.00 0 120.00 4,52 Turbine Stop Valves TN 32 234.30 12,226 0.00 0 | Exh. Hood - Upper | TN | 32 | 177.50 | 5,701 | 0.00 | 0 | 120.00 | 3,854 | |
| Inner Casing - Upper TN 52 177.50 9,303 0.00 0 120.00 6,28 Inner Casing - Lower TN 38 177.50 6,706 0.00 0 120.00 4,53 Inner Shell - HP Upper TN 14 177.50 2,638 0.00 0 120.00 1,69 Inner Shell - HP Lower TN 16 177.50 2,638 0.00 0 120.00 1,91 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 8 234.30 8,825 0.00 0 120.00 4,52 Turbine Stop Valves TN 52 234.30 12,226 0.00 0 120.00 31,20 Turbine Insulation CY 210 71.00 14,910 0.00 0 120.00 | Exh. Hood - Lower | TN | 88 | 177.50 | 15,579 | 0.00 | 0 | 120.00 | 10,532 | |
| Inner Casing - Lower TN 38 177.50 6,706 0.00 0 120.00 4,53 Inner Shell - HP Upper TN 14 177.50 2,503 0.00 0 120.00 1,69 Inner Shell # HP Upper TN 16 177.50 2,838 0.00 0 120.00 1,91 Inner Shell # Z - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell # Z - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell # HO upper TN 6 177.50 1,106 0.00 0 120.00 4,52 Turbine Stop Valves TN 38 234.30 8,025 0.00 0 120.00 4,52 Turbine Fiping TN 260 234.30 60,918 0.00 0 120.00 31,20 Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 | Inner Casing - Upper | TN | 52 | 177.50 | 9,303 | 0.00 | Û | 120.00 | 6,289 | |
| Inner Shell - HP Upper TN 14 177.50 2,503 0.00 0 120.00 1,69 Inner Shell - HP Lower TN 16 177.50 2,838 0.00 0 120.00 1,69 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Uwer TN 52 234.30 8,825 0.00 0 120.00 4,52 Turbine Combination/Reheat Valves TN 52 234.30 60.918 0.00 0 120.00 31,200 Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 4,411 Turbine Enclosure TN 60 695.80 41,748 0.00 0 | Inner Casing - Lower | TN | 38 | 177.50 | 6,706 | 0.00 | 0 | 120.00 | . 4,534 | |
| Inner Shell + HP Lower TN 16 177.50 2,838 0.00 0 120.00 1,91 Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 4,52 Turbine Combination/Reheat Valves TN 52 234.30 60,918 0.00 0 120.00 6,26 Turbine Insulation CY 210 71.00 14,910 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 120.00 2,78 0.00 0 120.00 2,78 0.00 0 120.00 | Inner Shell - HP Upper | TN | 14 | 177.50 | 2,503 | 0.00 | 0 | 120.00 | 1,692 | |
| Inner Shell #2 - Upper TN 6 177.50 1,106 0.00 0 120.00 74 Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Turbine Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Turbine Shell #2 - Lower TN 38 234.30 8,826 0.00 0 120.00 4,52 Turbine Combination/Reheat Valves TN 52 234.30 12,226 0.00 0 120.00 4,52 Turbine Priping TN 260 234.30 60,918 0.00 0 120.00 31,200 Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 4,411 Turbine Copper TN 60 695.80 41,748 0.00 0 120.00 2,784 Turbine Generator Mat - concrete CY 60 91.20 5,472 99.00 5,940 0.00 220.00 2,784 Condenser Shell TN 86 | Inner Shell - HP Lower | TN | 16 | 177.50 | 2,838 | 0.00 | 0 | 120.00 | 1,919 | |
| Inner Shell #2 - Lower TN 6 177.50 1,106 0.00 0 120.00 74 Turbine Stop Valves TN 38 234.30 8,625 0.00 0 120.00 4,52 Turbine Combination/Reheat Valves TN 52 234.30 12,226 0.00 0 120.00 6,265 Turbine Piping TN 260 234.30 60,918 0.00 0 120.00 31,200 Turbine Piping CY 210 71.00 14,910 0.00 0 0.00 120.00 4,411 Turbine Enclosure TN 37 234.30 8,611 0.00 0 0.00 120.00 4,411 Turbine Copper TN 80 695.80 41,748 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 5,472 99.00 5,940 0.00 120.00 14,100 Condenser Shell TN 868 234.30 | Inner Shell #2 - Upper | TN | 6 | 177.50 | 1,106 | 0.00 | 0 | 120.00 | 748 | |
| Turbine Stop Valves TN 38 234.33 8,826 0.00 0 120.00 4,52 Turbine Combination/Reheat Valves TN 52 234.30 12,226 0.00 0 120.00 6,26 Turbine Piping TN 280 234.30 60,918 0.00 0 120.00 31,20 Turbine Insulation CY 210 71.00 14,910 0.00 0 0.00 120.00 31,20 Turbine Enclosure TN 37 234.30 8,611 0.00 0 0.00 120.00 4,411 Turbine Copper TN 37 234.30 8,611 0.00 0 5,000.00 300,00 Miscellaneous Steel and Equipment TN 23 312.40 7,241 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 5,472 99.00 5,940 0.00 | inner Shell #2 - Lower | TN | 6 | 177.50 | 1,106 | 0.00 | 0 | 120.00 | 748 | |
| Turbine Combination/Reheat Valves TN 52 234.30 12,226 0.00 0 120.00 6,26 Turbine Combination/Reheat Valves TN 260 234.30 60,918 0.00 0 120.00 31,20 Turbine Insulation CY 210 71.00 14,910 0.00 0 0.00 4.41 Turbine Enclosure TN 37 234.30 8,611 0.00 0 0.00 4.41 Turbine Copper TN 60 695.80 41,748 0.00 0 5,000.00 300,00 Miscellaneous Steel and Equipment TN 23 312.40 7,241 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 5,472 99.00 5,940 0.00 - 437,34 Condenser Shell TN 668 234.30 203,255 0.00 0 120.00 104,100 Condenser - Aluminum-Brass Tubes TN 215 504.10 | Turbine Stop Valves | TN | 38 | 234.30 | 8,826 | 0.00 | 0 | 120.00 | 4,520 | |
| Turbine Piping TN 260 234.30 60.918 0.00 0 120.00 31,20 Turbine Insulation CY 210 71.00 14,910 0.00 0 0.00 44,410 Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 4,411 Turbine Copper TN 37 234.30 8,611 0.00 0 120.00 4,411 Turbine Copper TN 60 695.80 41,748 0.00 0 120.00 2,781 Turbine Generator Mat - concrete CY 60 91.20 | Turbine Combination/Rebeat Valves | TN | 52 | 234.30 | 12,226 | 0.00 | 0 | 120.00 | 6,262 | |
| Turbine Insulation CY 210 71.00 14,910 0.00 0 0.00 Turbine Insulation TN 37 234.30 8,611 0.00 0 120.00 4,41 Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 4,41 Turbine Copper TN 60 695.80 41,748 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 5472 99.00 5940 0.00 | Turbine Pinipo | TN | 260 | 234.30 | 60,918 | 0.00 | 0 | 120.00 | 31,200 | |
| Turbine Enclosure TN 37 234.30 8,611 0.00 0 120.00 4,41 Turbine Enclosure TN 60 695.80 41,748 0.00 0 5,000.00 300,00 Miscellaneous Steel and Equipment TN 23 312.40 7,241 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 | Turbine Insulation | CY | 210 | 71.00 | 14,910 | 0.00 | 0 | 0.00 | 0 | |
| Turbine Copper TN 60 695.80 41,748 0.00 0 5,000.00 300,00 Miscellaneous Steel and Equipment TN 23 312.40 7,241 0.00 0 120.00 2,78 Turbine Generator Mat - concrete CY 60 91.20 | Turbine Enclosure | TN | 37 | 234.30 | 8,611 | 0.00 | 0 | 120.00 | 4,410 | |
| Turble Generator Mat - concrete TN 23 312.40 7,241 0.00 0 120.00 2,78 Turble Generator Mat - concrete CY 60 91.20 | Turbine Conger | TN | 60 | 695.80 | 41,748 | 0.00 | 0 | 5,000.00 | 300,000 | |
| Installation body and equipment CY 60 91.20 5,472 99.00 5,940 0.00 Turbine Generator Mat - concrete Subtotal 437,34 182,457 437,34 Condensers and Auxiliaries TN 668 234.30 203,255 0.00 0 120,00 104,100 Condenser Shell TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser - Aluminum-Brass Tubes TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 0 Circulating Water Pumps - 58,000 gpm TN 97 312,40 30,397 0.00 0 116,674 Circulating Water Pumps - 58,000 gpm TN 32 312,40 9,841 0.00 0 120.00 3.784 | Miscellaneous Steel and Equipment | TN | 23 | 312.40 | 7,241 | 0.00 | 0 | 120.00 | 2,782 | |
| Condensers and Auxiliaries TN 666 234.30 203,255 0.00 0 120,00 104,10 Condenser Shell TN 666 234.30 203,255 0.00 0 120,00 104,10 Condenser Shell TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 0 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,674 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,674 | Turbine Generator Mat - concrete | CY | 60 | 91.20 | 5,472 | 99.00 | 5,940 | 0.00 | C | |
| Condensers and Auxiliaries TN 668 234.30 203,255 0.00 0 120.00 104,10 Condenser Shell TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 0 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,674 Circulating Water Pumps - 58,000 gpm TN 32 312.40 9.841 0.00 0 120.00 3,784 | Subtotal | | | | 454,111 | | 182,457 | | 437,341 | |
| Condenser Shell TN 668 234.30 203,255 0.00 0 120.00 104,10 Condenser - Aluminum-Brass Tubes TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 0 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,674 Circulating Water Pumps - 58,000 gpm TN 32 312.40 9.841 0.00 0 120.00 3.784 | Condensers and Auxiliaries | | | | | | | | | |
| Condenser - Aluminum-Brass Tubes TN 215 504.10 108,129 0.00 0 2,800.00 600,600 Condenser - Aluminum-Brass Tubes CY 110 91.20 10,032 99.00 10,890 0.00 0 Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 0 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,674 Circulating Water Pumps - 58,000 gpm TN 32 312.40 9.841 0.00 0 120.00 3.784 | Condenser Shell | ' TN | 868 | 234.30 | 203,255 | 0.00 | 0 | 120.00 | 104,100 | |
| Condenser Foundation - Reinforced Concrete CY 110 91.20 10,032 99.00 10,890 0.00 Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 1120.00 11,670 Circulating Water Pumps - 58,000 gpm TN 32 312.40 9.841 0.00 0 120.00 37,860 | Condenser - Aluminum-Brass Tubes | TN | 215 | 504.10 | 108,129 | 0.00 | 0 | 2,800.00 | 600,600 | |
| Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,67/ Circulating Water Pumps - 58,000 gpm TN 97 312.40 30,397 0.00 0 120.00 11,67/ Circulating Water Pumps - 58,000 gpm TN 32 312.40 9.841 0.00 0 120.00 3.78/ | Condenser Foundation - Reinforced Concrete | CY | 110 | 91.20 | 10,032 | 99.00 | 10,890 | 0.00 | 0 | |
| Circulation Water Purph Meders TN 32 312.40 9.841 0.00 0 120.00 3.78 | Circulating Water Purnos - 58,000 gom | TN | 97 | 312.40 | 30,397 | 0.00 | 0 | 120.00 | 11,676 | |
| | Circulating Water Pump Motors | TN | 32 | 312.40 | 9,841 | 0.00 | 0 | 120.00 | 3,780 | |

| | | | Removal | | Disposal | | Salvage | |
|---|---------|----------|----------|------------|----------|-----------|-----------|-----------|
| | Unit | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | of | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Cost Worksheet | Measure | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Condensate Pumps - 12" suction, 8" dischrg(incl mtrs) | TN | 30 | 312.40 | 9,422 | 0.00 | 0 | 120.00 | 3,619 |
| Condensate Pump - Foundation - RI Concrete | CY | 11 | 91.20 | 1,031 | 99.00 | 1,119 | 0.00 | 0 |
| Turbine Oil Conditioner | TN | 2 | 312.40 | 662 | 0.00 | Ó | 120.00 | 254 |
| Turbine Lube Oil Coolers | TN | 4 | 312.40 | 1,325 | 0.00 | 0 | 120.00 | 509 |
| Hydrogen Coolers | TN | 9 | 312.40 | 2,705 | 0.00 | 0 | 120.00 | 1.039 |
| Bearing Cooling Water Pump Motor | TN | 3 | 312.40 | 843 | 0.00 | o | 120.00 | 324 |
| Lube Oil Storage Tank | TN | 24 | 312.40 | 7,341 | 0.00 | 0 | 120.00 | 2.820 |
| Miscellaneous Steel and Equipment | TN | 26 | 312.40 | 8,001 | 0.00 | o | 120.00 | 3.073 |
| H2 and Co2 Piping | TN | 1 | 504.10 | 514 | 0.00 | 0 | 120.00 | 122 |
| Subtotal | | | | 393,498 | 1 | 12.009 | | 731.917 |
| | | | | | 1 | , | | |
| Total Account 344 | | | | 847,609 | 1 | 194,466 | | 1,169,258 |
| FERC Account 345 | | | | | | | | |
| Accessory Electrical Equipment | | | | ļ | 1 | | | |
| Foundations & Structures | | | | | 1 | | | |
| Main Generator Leads & Enclosures(aluminum) | TN | 15 | 852.00 | 12,780 | 0.00 | 0 | 1,340.00 | 20,100 |
| Manholes and Hanholes - Concrete | CY | 201 | 36.48 | 7,332 | 99.00 | 19,899 | 0.00 | 0 |
| Transformer Foundations - Concrete | CY | 50 | 91.20 | 4,560 | 99.00 | 4,950 | 0.00 | 0 |
| Switchgear Foundations - Concrete | CY | 30 | 91.20 | 2,736 | 99.00 | 2,970 | 0.00 | 0 |
| Load Control Centers Foundations - Concrete | CY | 30 | 91.20 | 2,738 | 99.00 | 2,970 | 0.00 | 0 |
| Aux Power Transformer - 7,500 kva | TN | 37 | 504.10 | 18,410 | 0.00 | 0 | 120.00 | 4.382 |
| Startup Transformer | TN | 42 | 504.10 | 21,364 | 0.00 | o | 120.00 | 5.086 |
| Station Service Transformer | TN | 6 | 504.10 | 2,924 | 0.00 | o | 120.00 | 696 |
| Transformer Copper | TN | 33 | 525.40 | 17,191 | 0.00 | o | 5,000.00 | 163.600 |
| Storage Battery | TN | 3 | 504.10 | 1,512 | 0.00 | 0 | 120.00 | 360 |
| Underground Ducts - Concrete | CY | 782 | 91.20 | 71,318 | 99.00 | 77,418 | 0.00 | 0 |
| Conduit - rigid alum | TN | 21 | 504.10 | 10,803 | 0.00 | o | 1,340.00 | 28,716 |
| Underground Conduit | CY | 4 | 36.48 | 143 | 99,00 | 389 | 0.00 | 0 |
| Exposed Conduits and Trays | TN | 5 | 504.10 | 2,752 | 0.00 | o | 1.340.00 | 7.316 |
| Buswork and Copper tubing | TN | 2 | 504,10 | 756 | 0.00 | o | 5.000.00 | . 7.500 |
| Motor Control Centers | TN | 3 | 504.10 | 1,512 | 0.00 | 0 | 120.00 | 360 |
| Power/Control Wiring - 390,000 ft. | TN | 244 | 852.00 | 207,675 | 0.00 | o | 2,100.00 | 511.875 |
| Main Control Board for B-T-G | TN | 3 | 504.10 | 1,512 | 0.00 | o | 120.00 | 360 |
| Switchnear - 4,160v Metalclard | TN | 10 | 504.10 | 5.041 | 0.00 | ما | 120.00 | 1 200 |
| Switchnear - 480v Metalciari | TN | 18 | 504.10 | 9.074 | 0.00 | ő | 120.00 | 2 160 |
| Total Account 345 | | | | 402,133 | 0.00 | 108 596 | 120.00 | 753 712 |
| | | | | 102,100 | | 100,590 | | / 33,712 |
| TOTAL FT, MYERS UNIT 2 | | | | 10,521,226 | | 3,612,805 | | 5,187,511 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|--|-----------------------|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| Ft. Myers Unit 3 | · | | | | | | | |
| Acount 342: Fuel Holders | | | | | | | | |
| Light Oil Tank - LO 1/A Tank 48,000 BBLs | TN | 0.00 | n/a | 0 | n/a | 0 | 120.00 | o |
| Light Oil Tank - LO 1/B Tank 48,000 BBLs | | 220.00 | n/a | 0 | | | | |
| Light Oil Tank - Cleaning | EA | n/a | n/a | 0 | n/a | 0 | n/a | 0 |
| Light Oil Tank - Soil Remediation | EA | n∕a | n/a | 0 | rı/a | 0 | n/a | 0 |
| Demolition of Foundation | EA | n/a | n/a | 0 | n/a | 0 | n/a | 0 |
| Account 342 Totals | | | | 0 | | 0 | | 0 |
| Acount 343: Prime Movers | | | | | | | | |
| Gas Turbine | TN | 380.00 | 177.50 | 67,450 | 0.00 | 0 | 120.00 | 45,600 |
| Generator | TN | 2,120.00 | 177.50 | 376,300 | 0,00 | 0 | 120.00 | 254,400 |
| Accessory Module | TN | 352.00 | 312.40 | 109,965 | 0.00 | 0 | 120.00 | 42,240 |
| Enclosures & Barriers | TN | 496.00 | 312.40 | 154,950 | 0,00 | 0 | 120.00 | 59,520 |
| PECC | TN | 210.00 | 312,40 | 65,604 | 0.00 | o | 120.00 | 25,200 |
| Collector Cab | TN | 80.00 | 312.40 | 24,992 | 0,00 | 0 | 120.00 | 9,600 |
| Colling Fan Module | TN | 58.00 | 312.40 | 18,119 | 0.00 | 0 | 120.00 | 6.960 |
| GEC WILCI | TN | 300.00 | 312,40 | 93,720 | 0.00 | 0 | 120.00 | 38,000 |
| CT Inlet Filter | TN | 600.00 | 312.40 | 187,440 | 0,00 | 0 | 120.00 | 72.000 |
| CT Inlet Duct & Support Steel | TN | 740.00 | 312.40 | 231,176 | 0.00 | ō | 120.00 | 88.800 |
| Exhaust Duct System | TN | 1,924.00 | 312.40 | 601,058 | 0,00 | ō | 120.00 | 230,880 |
| Liquid Fuel & Atomizing Air | TN | 344.00 | 312.40 | 107,466 | 0.00 | o | 120.00 | 41,280 |
| Water Wash Skid | TN | 34.00 | 312,40 | 10,622 | 0.00 | Ó | 120.00 | 4.080 |
| Bus & Equipment | TN | 22.50 | 312.40 | 7.029 | 0.00 | Ó | 120.00 | 2,700 |
| Concrete | CY | 7,169.00 | 312,40 | 2,239,596 | 99.00 | 709.731 | 0.00 | 0 |
| Inlet Gas Scrubbing | ŤN | 2.60 | 312.40 | 812 | 0.00 | 0 | 120.00 | 312 |
| Miscellaneous Structural Steel | TN | 10.00 | 312.40 | 3,124 | 0.00 | ō | 120.00 | 1,200 |
| Cooling Package Assembly | TN | 20.00 | 312.40 | 6.248 | 0.00 | 0 | 120.00 | 2,400 |
| Diffuser | TN | 30.00 | 312.40 | 9.372 | 0.00 | 0 | 120.00 | 3 600 |
| Package Piping | TN | 84.00 | 312.40 | 26,242 | 0.00 | 0 | 120.00 | 10.080 |
| Storm Water Pumps | TN | 2.72 | 312.40 | 848 | 0.00 | 0 | 120.00 | 326 |
| Air compressor | M | 8,84 | 312.40 | 2,762 | 0.00 | 0 | 120.00 | 1.061 |
| Water Cooling Unit | TN | 204.00 | 312.40 | 63,730 | 0.00 | 0 | 120.00 | 24 480 |
| Fuel Gas Heat Exchangers | TN | 27.00 | 312.40 | 8,435 | 0.00 | ō | 120.00 | 3 240 |
| Miacellaneous Valves | TN | 1.10 | 312 40 | 344 | 0.00 | ů. | 120.00 | 132 |
| | | | · · · . | 4,417,402 | | 709,731 | 120.00 | 966,091 |
| Condensate System | | | | | | | |] |
| Condensate System 2" & < - Pipe | TN | 2.07 | 312.40 | 645 | 0.00 | 0 | 120.00 | 249 |
| Condensate System 2 1/2" & > - Pine | TN | 80.80 | 234.90 | 18 930 | 0.00 | | 120.00 | 0 805 |
| 1/B Condensate Pining - Insulation | CY | 33.60 | 71.00 | 2 388 | 15.00 | 504 | 0.00 | 0,085 |
| Condenser Vacuum Pumo Skid & Fouin | TN | 1 25 | 234.30 | 2,000 | 0.00 | | 120.00 | 450 |
| Condensate Storage Tank Edg | CY . | 14.00 | 01.20 | 1 277 | 0.00 | 1 396 | 0.00 | 100 |
| Condensate MakeJ in Purne | TN | 0.75 | 234 30 | 176 | 0.00 | 1,000 | 120.00 | |
| HRSG Chemical Ed. System 2" & < _ Pine | TN | 1.02 | 312.40 | 210 | 0.00 | 0 | 120.00 | 90 |
| HRSG Chamical Food Skide | TN | 7 50 | 234.30 | 1 757 | 0.00 | 0 | 120.00 | 122 |
| Lute Oil Storme Tanke | TN | 3.20 | 234.30 | 1,107 | 0.00 | 0 | 120.00 | 900 |
| Miscallananus Omoses Tanks | TN | 5,20 | 234.30 | 104 | 0,00 | 0 | 120.00 | 391 |
| CondensateTransfer System 7" & < _ Dine | TN | 2 15 | 234.00 | 670 | 0.00 | 0 | 120.00 | 036 |
| Condensate register dyster $2 \propto 10^{9} t$ Dine | TN | A8 66 | 224.30 | 11 404 | 0.00 | 0 | 120.00 | 258 |
| Condensate Pumns | TN | 2 30 | 234 30 | 560 | 0.00 | 0 | 120.00 | 0,839 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of <u>Measure</u> | Total Units of Measure | Removal Cost per Unit of Measure | Totai Removai Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvaga Value |
|---|------------------------------|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| Condensate Transfer Pumps | TN | 2.39 | 234.30 | 560 | 0.00 | 0 | 120.00 | 287 |
| Condensate Storage Lanks | IN | 1.20 | 234,30 | 280 | 0.00 | 0 | 120.00 | 143 |
| Bulk Gas System 2" & < - Pipe | IN | 5.79 | 312.40 | 1,809 | 0.00 | 0 | 120.00 | 695 |
| Condensers | IN | 264.40 | 234.30 | 61,949 | 0.00 | 0 | 5,000.00 | 1,322,000 |
| Giand Steam Condensers | | 2.50 | 234.30 | 586 | 0.00 | 0 | 120.00 | 300 |
| Condensate Air Rem System 2" & < - Pipe | IN | 1.26 | 312.40 | 393 | 0.00 | 0 | 120.00 | 151 |
| Condensate Air Rem System 2 1/2 & > - Pipe | IN | 3.53 | 234,30 | 826 | 0,00 | 0 | 120.00 | 423 |
| | | | | 106,824 | | 1,890 | | 1,342,616 |
| Account 343 Prime Movers Total | | | | 4,524,226 | | 711,621 | | 2,308,707 |
| Account 345: Accessory Electric Equipment | | | | | | | | |
| Electrical Power Cable | TN | 10.00 | 312.40 | 1,562 | 0.00 | 0 | 120.00 | 1,200 |
| Electrical Control Cable | ŤN | 5.00 | 312.40 | 781 | 0.00 | 0 | 120.00 | 600 |
| Station Transformer | TN | 77.00 | 312.40 | 12,027 | 0.00 | 0 | 120.00 | 9,240 |
| CT Step-up Transformer | TN | 93,12 | 312.40 | 14,545 | 0.00 | 0 | 120.00 | 11,174 |
| Control Center-off base | TN | 54.00 | 312,40 | 8,435 | 0.00 | 0 | 120.00 | 6,480 |
| Miscellaneous Materials + 5% | TN | 1,986.61 | 312.40 | 620,616 | 0.00 | 0 | 120.00 | 238,393 |
| | | | | 657,967 | | 0 | | 267,087 |
| Unit 3 Totals | | | | 5,182,193 | | 711,621 | ī | 2,575,794 |
| FT. MYERS GAS TURBINES FERC Account 341 | | 1 | | | | | | |
| Vord Lighting | TN | 2 | 604.10 | 1 296 | 0.00 | | 120.00 | 220 |
| Haintanana Facility Overhead Crane Steel | | 12 | 212.40 | 1,300 | 0.00 | 0 | 120.00 | 330 |
| Maintenance Facility - Overnead Grane - Steel | TN | 13 | 312.40 | 3,903 | 0.00 | 0 | 120.00 | 1,500 |
| Maintenance Facility - Subcura Stea | CY CY | 40 | 01 20 | 2 125 | 0.00 | 2 207 | 120.00 | 5,400 |
| Vard Desinano Dumpe | TN | 5 | 31240 | 1 406 | 35.00 | 2,307 | 120.00 | . U |
| Vard Desinage Dining | TN | 10 | 426.00 | A 111 | 0.00 | 0 | 120.00 | 1 150 |
| Sonico Building - startural Stael | TN | 10 | 504 10 | 5 041 | 0.00 | ő | 120,00 | 1,130 |
| Service Building - Congrete Foundation | CY | 188 | 01 20 | 17 100 | 0,00 | 18 582 | 0.00 | 1,200 |
| Oily Senantor - concrete | ĊY | 13 | 91.20 | 1 163 | 00.00 | 1 262 | 0.00 | 0 |
| Total Account 341 | | 10 | 01.20 | 50,295 | 55.00 | 22,131 | 0.00 | 10,128 |
| FERC Account 342 | | | - | | | | | |
| Fuel Holders, Producers and Accessories | | | | | | | | |
| Fuel Storage Tanks - 1 @ 180,000 BBLS | TN | 540 | n/a | 34,090 | 0.00 | 0 | 120.00 | 64,800 |
| Fuel Storage Tank - Soil Remediation | | | n/a | 0 | n/a | 40,288 | 0.00 | 0 |
| Fuel Transfer Pumps - at dock and dock piping | TN | 4 | 312.40 | 1,250 | 0.00 | 0 | 120.00 | 480 |
| Light Oil Piping - Dock to Tanks | TN | 108 | 312.40 | 33,702 | 0.00 | 0 | 120.00 | 12,946 |
| Fuel Pumping Stations - Concr. Foundation(ea. GT) | CY | 160 | 91.20 | 14,592 | 99.00 | 15,840 | 0.00 | 0 |
| Fuel Pumping Stations - Piping & Pumps(ea. GT) Total Account 342 | . TN | 42 | 504.10 | <u>21,172</u> 104,806 | 0.00 | 0 56,128 | 120.00 | 5,040 |
| FERC Account 343 | | | | | | | | |
| Prime Movers | - | 700 | | | | | | |
| Inlet Duct Arrangement | IN | /20 | 312.40 | 224,928 | 0.00 | 0 | 120.00 | 86,400 |

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| | | | 1 | | | | | |
|---|---------|----------|------------------|-------------------|----------|-----------|-----------|-----------------|
| | | | Removal | | Disposal | | Salvage | |
| | Unit | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Removal, Disposal & Salvage | of | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Safvage |
| Cost Worksheet | Measure | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Control Compartment | TN | 288 | 312.40 | 89,971 | 0.00 | 0 | 120.00 | 34,560 |
| Accessory Compartment | TN | 498 | 312.40 | 155,575 | 0.00 | 0 | 120.00 | 59.760 |
| Radiator Fan Assembly | TN | 40 | 312.40 | 12,371 | 0.00 | 0 | 120.00 | 4,752 |
| Coupling and Guards accessory | TN | 3 | 312.40 | 787 | 0.00 | o | 120.00 | 302 |
| Gas Turbine Compartment | TN | 1,669 | 312.40 | 521,271 | 0.00 | o | 120.00 | 200 232 |
| Air Turbine Duct Compartment | TN | 4 | 312.40 | 1.387 | 0.00 | 0 | 120.00 | 533 |
| Aircoustat - Turbine Compartment | TN | 3 | 312.40 | 1.012 | 0.00 | ō | 120.00 | 389 |
| Frame, Side inlet | TN | 30 | 312.40 | 9.372 | 0.00 | 0 | 120.00 | 3 600 |
| Enclosure - turbine | TN | 9 | 312.40 | 2.812 | 0.00 | ő | 120.00 | 1 080 |
| Exhaust /system Arrangement | TN | 1.038 | 312.40 | 324.271 | 0.00 | ő | 120.00 | 124 580 |
| Bus duct | TN | 19 | 312.40 | 5 998 | 0.00 | ň | 120.00 | 2 304 |
| Protected Aisle | TN | 42 | 312.40 | 13 121 | 0.00 | ő | 120.00 | 2,004 |
| Unit Structural Steel - each GT | TN | 720 | 312.40 | 224 928 | 0.00 | ő | 120.00 | 0,040 B6.400 |
| Unit Concrete foundation - each GT | CY | 1 941 | 91.20 | 177 052 | 99.00 | 102 105 | 0.00 | 00,400 |
| Insulation - Fiberolass | CY | 3,360 | 71.00 | 238 560 | 15.00 | 50 400 | 0.00 | U |
| Total Account 343 | | -1 | , 1.00 | 2,003,416 | 10.00 | 242,595 | 0.00 | 609,912 |
| FERC Account 344 | | | | | | | | |
| Generatore | | | | | | | | |
| Generator - Electric | TN | 1 779 | 342.40 | 550.005 | 0.00 | | | |
| Generator - Conner | TN | 1,775 | 312.40 805.80 | 003,000 | 0.00 | 0 | 120.00 | 212,760 |
| Evolution | | 29 | 095.00 | 20,178 | 0.00 | 0 | 5,000.00 | 145,000 |
| Insulation - Fiberalese | | 04 | 312.40 | 20,242 | 0.00 | 0 | 120.00 | 10,080 |
| Total Account 344 | Cr | 640 | 71.00 | 59,640 659,945 | 15.00 | 12,600 | 0.00 | 387.840 |
| | | | | | | | | 001,010 |
| FEKU ACCOUNT 345 | | | | | | | | |
| Accessory Electric Equipment | | | | | | | | |
| Structural Supports | TN | 9 | 312.40 | 2,812 | 0.00 | 0 | 120.00 | 1,080 |
| I ransformers - Lighting | TN | 1 | 504.10 | 504 | 0.00 | 0 | 120.00 | 120 |
| Main Transformers - one per two GTs | TN | 180 | 312.40 | 56,232 | 0.00 | 0 | 120.00 | 21,600 |
| Cranking Motor Transformers - one per two GTs | TN | 23 | 312.40 | 7,273 | 0.00 | 0 | 120.00 | . 2,794 |
| Aux Transformers - one per two GTs | TN | 14 | 312.40 | 4,274 | 0.00 | 0j | 120.00 | 1,642 |
| Transformer Copper | TN | 15 | 525.40 | 7,807 | 0.00 | 0 | 5,000.00 | 74,300 |
| Switchgears | TN | 86 | 312.40 | 26,991 | 0.00 | 0 | 120.00 | 10,368 |
| Total Account 345 | • | | | 105,893 | | 0 | | 111,903 |
| TOTAL FT. MYERS GAS TURBINES | | | | 2,924,354 | | 333,454 | | 1,183,049 |
| TOTAL FT. MYERS COMMON, UNITS 2 & 3 & | | | | l. | | | | |
| GAS TURBINES | | | | 20,296,120 | | 6,042,838 | | 10,239,987 |

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Manatee Plant

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Manatee Plant

Fossil Units 1 and 2 and Common

The Manatee Plant is located in Manatee County, approximately six miles east of Parrish, Florida. Approximately 4,000 acres of the 6,784-acre site is utilized as a cooling water reservoir for the units. The site has two identical generating units, designed for oil-fired generation. The oil is transported by underground pipeline from Port Manatee. The two units have a combined maximum generator nameplate rating of 1,727 megawatts. Units No. 1 and 2 went into commercial operation during 1976 and 1977 respectively. For purposes of this dismantlement study, the economic recovery dates for these units are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Unit 1 | 2020 |
| Unit 2 | 2020 |
| Common | 2020 |

The dismantlement of the plants is assumed to require 2 years beginning in 2025.

That portion of Common Plant related to the fuel oil facilities is Common to Units 1 and 2. Those dismantlement costs are recovered on the basis of the same assumptions about economic recovery dates as the cost of the fossil units. The remaining dismantlement costs related to Manatee site are considered Common to all three units and are recovered over the economic recovery date of Combined Cycle Unit 3, which went into service in June, 2005.

The steam generators for Units 1 and 2 are Foster Wheeler Corporation outdoor, twindrum, radiant, reheat, natural circulation type with a water-cooled furnace. Each unit has essentially one complete Westinghouse Electric condensing steam turbine coupled to a hydrogen-cooled electric generator.

Manatee Combined Cycle Unit 3

The new Combined Cycle Unit 3 is located on the existing Manatee Plant site, and the combined cycle technology maximizes the beneficial use of the site while minimizing environmental, land use and cost impacts. Manatee Unit 3 generates 1,150 MW of power. Unit 3 increases the generating capacity of the site without increasing the overall size of the site.

Unit 3 consists of four nominal 170-MW GE "F" Class Advanced Combustion Turbines with DLN combustors and four HRSG's, which utilize waste heat from the CT to produce steam to drive a new steam turbine generator.

Manatee Plant

For purposes of this dismantlement study, the economic recovery dates for Unit 3 and related Common Plant are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Unit 3 | 2030 |
| Common | 2030 |

The dismantlement of the Unit 3 is assumed to require 2 years beginning in 2035.

The cooling reservoir covers over 4,400 acres with an average depth of 12 feet containing over 13 billion gallons of water. Several varieties of habitats and animal life co-exist on this 9,500-acre tract. The pastures, forests, wetlands and sundry crop lands provide permanent or seasonal homes for 25 species of mammals, 15 assorted reptiles and 40 types of birds, including the Sandhill Crane.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Manatee site in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.

MANATEE SUMMARY OF DISMANTLEMENT COSTS

| FERC | Description | Removal Cost | Disposal Cost | Salvage Value | Total |
|------|--|-----------------|------------------------|------------------|------------------------|
| | Manatee Common | <u>(A)</u> | (8) | (C) | (D)=(A + B - C) |
| | | | | | |
| | Production Plant | | | | |
| 311 | Structures and Improvements | 3,357,793 | 4,352,367 | 289,478 | 7,420,682 |
| 312 | Boller Plant Equipment | 87,363 | 0 | 35,423 | 51,941 |
| 315 | Accessory Electrical Equipment | 0 | 0 | 0 | 0 |
| 316 | Miscellaneous Equipment | 233,595 | 197,712 | 94,263 | 337,045 |
| •.• | Subtotal | 3 680 027 | 4 550 079 | 490 | 785 |
| | | 0,000,027 | 4,000,019 | 418,003 | 7,810,453 |
| | Other Site Costs: | | | | |
| | Site Management Expenses | 1,129,968 | | | 1 120 068 |
| | Asbestos Abatement Costa | 1,148 | | | 1,148 |
| | Stack Disposal & Special Waste | 1,125,267 | | | 1,125,267 |
| | Intake & Discharge Backfill | 202,614 | | | 202,614 |
| | Grading & Seeding | 3,089,939 | | | 3,089,939 |
| | Sudiotal | 5,548,936 | 0 | 0 | 5,548,936 |
| | | 0 229 665 | 4 550 070 | 440.050 | |
| | Contingency - 16% | 9,220,903 | 4,000,079 | 419,653 | 13,359,389 |
| | | 10,705,598 | 5 278 091 | 410 663 | 2,204,647 |
| | Unusable M&S Inventory | 800.000 | 0,270,081 | 419,003 | 10,004,036 |
| | · | 11,505,598 | 5,278,091 | 499.653 | 16,284,036 |
| | | | | , | 10,201,000 |
| | | | | | |
| 244 | Manatee Fuel Oll Storage Facility | | | | |
| 311 | Structures and Improvements | 3,497,869 | 5,712,549 | 1,137,005 | 8,073,413 |
| 312 | Boller Plant Equipment | 0 | 0 | 0 | 0 |
| 315 | Accessory Electrical Equipment | 0 | 0 | 0 | 0 |
| 318 | Miscellaneous Equipment | 225,684 | 2,160 | 377,191 | (149,347) |
| 0.0 | Subtotal | 3 723 552 | U | 0 | 0 |
| | Contingency - 16% | 505 768 | 0,714,708 | 1,514,196 | 7,924,066 |
| | Subtotal for Manatee Fuel Oil Storage Facility | 4 319 321 | 6 629 063 | 1 514 198 | 1,510,122 |
| | Unusable M&S Inventory | 1.971.329 | 0,020,000 | 197 133 | 8,434,100 1 774 106 |
| | · | 6,290,650 | 6,629,063 | 1,711,329 | 11,208,384 |
| | | | | | . , |
| | Manatos Ilaita 4.8.2 | | | | |
| | Structures and improvements | 8 656 100 | 0.050.050 [°] | | • |
| | Boller Plant Equipment | 11 844 050 | 3,000,200 | 287,826 | 10,248,623 |
| | Turbogenerator Units | 1 675 693 | 4,927,774 | 4,200,734 | 12,491,089 |
| | Accessory Electrical Equipment | 2,463,068 | 1 600 778 | 3,420,004 | (904,778) |
| | Miscellaneous Equipment | 137.688 | 0 | 33 009 | 104 679 |
| | Subtotal | 23,006,691 | 11.057.417 | 10.277.282 | 23,786,825 |
| 311 | Contingency - 16% | 3,681,071 | 1,769,187 | | 5,450,257 |
| 312 | Total Manatee Units 1 & 2 | 26,687,761 | 12,826,603 | 10,277,282 | 29,237,083 |
| 314 | | | | | |
| 315 | • | | | | |
| 316 | Manatee Unit 3 | | | | |
| | Structures and Improvements | 1,583,874 | 954,075 | 371,514 | 2,166,434 |
| | ruel Holders | 49,612 | 0 | 21,007 | 28,605 |
| | | 3,678,058 | 647,896 | 2,426,928 | 1,899,024 |
| | Accessory Electrical Equipment | 451,790 | 151,200 | 648,360 | (45,371) |
| | Miscellaneous Equipment | 20 352 | 536,133 | 245,351 | 1,045,291 |
| 341 | Total Manatee Unit 3 | 6,536,202 | 2 291 304 | 3 721 135 | 5 108 370 |
| 342 | | | | 9121,100 | 0,100,370 |
| 343 | Contingency - 16% | 1,045,792 | 366.609 | | 1.412 401 |
| 344 | Total Manatee Unit 3 | 7,581,994 | 2,657,912 | 3,721,135 | 6.518.771 |
| 345 | T | | | | |
| 346 | i otal Manatee Units 1, 2, 3 and Common | 52,066,003 | 27,391,669 | 16,209,399 | 63,248,273 |
| | | | | | |

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MANATEE

DISMANTLEMENT COST FOR INFLATION PROJECTION

| | | Material & | | | |
|---------------------|------------|------------|------------|------------|-----------------------|
| | Labor | Equipment | Burial | Salvage | Total |
| Description | (A) | (B) | (C) | (D) | (A) + (B) + (C) - (D) |
| Manatee Common | 2,591,593 | 3,699,057 | 6,629,063 | 1,711,329 | 11,208,384 |
| Manatee Units 1 & 2 | 16,012,657 | 10,675,105 | 12,826,603 | 10,277,282 | 29,237,083 |
| Manatee Unit 3 | 4,549,197 | 3,032,798 | 2,657,912 | 3,721,135 | 6,518,771 |
| Manatee Common CC | 6,423,359 | 5,082,239 | 5,278,091 | 499,653 | 16,284,036 |
| Total | 29,576,804 | 22,489,199 | 27,391,669 | 16,209,399 | 63,248,273 |
| | | | | | |

Labor is 60% of Removal Cost from Summary of Dismantlement Costs. Material & Equipment is 40% of Removal Cost from Summary of Dismantlement Costs. Burial is 100% of Disposel Cost from Summary of Dismantlement Costs.

Salvage is 100% of Salvage from Summary of Dismantlement Costs,

MANATEE DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits;
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

MANATEE DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However the dismantlement cost of substation equipment is not included in this study, so as to avoid the possibility of duplicating recovery of costs already reflected in the net salvage factor of the substation plant accounts' depreciation rates.

An expandable grout will be used to remove the turbine pedestals. The chimneys will be control-blasted.

Manatee plant has very little asbestos. FPL's Environmental Department recently completed a survey of asbestos at our production plants. It was determined that a minimal amount of asbestos insulation is in use at Manatee. It is estimated that the cost of abating this small quantity of asbestos is \$1,148.

It is assumed that the cooling reservoir at the Manatee site will not be back-filled. The State of Florida has expressed an interest in using the reservoir for water management purposes. Also, some communities have indicated interest in its potential use as a source of water.

The fourteen mile steel pipeline from the fuel oil storage facility to the power plant will be unearthed, cut up and taken as scrap. The one and one-half mile pipeline from Port Manatee to the fuel oil storage facility, though steel, is encased in five inches of concrete and assumed unfeasible for salvage. It will be unearthed, cut up and disposed of at the Manatee County Landfill.

It is assumed that dismantlement activity at Manatee will begin five years after the end of the economic recovery period. The economic recovery dates used for this assumption are as follows:

| <u>Units</u> | Economic Recovery Date |
|------------------|------------------------|
| Unit 1 | 2020 |
| Unit 2 | 2020 |
| Common Fossil | 2020 |
| Unit 3 | 2030 |
| Common Comb. Cy. | 2030 |

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

MANATEE DISMANTLEMENT STUDY

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Manatee Plant. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$38.60 | х | 6 | | = ` | \$231.60 |
|-----------------------------------|---------|----------|---|---|------------|----------|
| Foreman | \$49.00 | X | 1 | | = | \$49.00 |
| Heavy Equipment Operator | \$46.70 | X | 1 | | = | \$46.70 |
| Total Cost per hour of 8 man crew | | | | | | \$327.31 |
| Cost per man hour | | \$327.31 | 1 | 8 | = | \$40.91 |

Equipment Rate

The equipment rate is based on the following equipment:

| Crane/I Front E Cutting Total p | Excavator Ind Loader Equipmen per month | t | | | 34,370.00 6,824.90 231.75 \$41,426.65 |
|---|--|---|-----|-------------------|--|
| 41,420 | 6.65 | 1 | 176 | hours per month = | 235.38 |
| Cost per man hour Plus: amount for s Total Cost per mar | small tools hour | | | \$235.38 / 8 = | \$29.42 |

Equipment & Labor Summary

| Labor Equipment Total | \$40.91 |
|--|-------------|
| Rounded | \$71.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$76.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| Hourly Rate | Productivity Factor | <u>Removal Factor</u> |
|-------------|---|--|
| \$71.00 | 2.50 MH / Ton | \$177.50 / Ton |
| \$71.00 | 3.30 MH / Ton | \$234.30 / Ton |
| \$71.00 | 4.40 MH / Ton | \$312.40 / Ton |
| \$71.00 | 7.10 MH / Ton | \$504.10 / Ton |
| \$76.00 | 0.48 MH / CY | \$36.48 / CY |
| \$76.00 | 1.20 MH/CY | \$91.20 / CY |
| | | |
| \$71.00 | 12.00 MH / Ton | \$852.00 / Ton |
| \$71.00 | 9.80 MH / Ton | \$695.80 / Ton |
| \$71.00 | 7.40 MH / Ton | \$525.40 / Ton |
| \$71.00 | 1.00 MH / CY | \$71.00 / CY |
| \$71.00 | 6.00 MH / Ton | \$426.00 / Ton |
| \$76.00 | 4.60 MH / Ton | \$349.60 / CY |
| | Hourly Rate \$71.00 \$71.00 \$71.00 \$76.00 \$76.00 \$76.00 \$71.00 \$71.00 \$71.00 \$71.00 \$71.00 \$71.00 \$71.00 \$71.00 | Hourly Rate Productivity Factor \$71.00 2.50 MH / Ton \$71.00 3.30 MH / Ton \$71.00 4.40 MH / Ton \$71.00 7.10 MH / Ton \$71.00 7.10 MH / Ton \$76.00 0.48 MH / CY \$76.00 1.20 MH / CY \$71.00 9.80 MH / CY \$71.00 9.80 MH / Ton \$71.00 7.40 MH / Ton \$71.00 1.00 MH / CY \$71.00 6.00 MH / Ton \$71.00 4.60 MH / Ton |

(1) includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Manatee County Landfill. Concrete and calcium silicated insulation are all non-hazardous wastes. The tipping fee is \$52.50/ton. These rates were obtained from Waste Management. charges are: \$564.88 per haul for a 20 cy dumpster and \$625.25 per haul for a 30 cy dumpster. For the 20 cubic yard dumpster, the first three tons are included in the per-haul charge. For the 30 cubic yard dumpster, the first four tons are included in the per-haul charge.

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

MANATEE DISMANTLEMENT STUDY

<u>Concrete</u>

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons. 30.50 tons less 3 ton limit = 27.5 tons.

| Dumpster Cost | \$564.88 | / haul | Х | 1 haul. | | 564.88 |
|-----------------------------|------------|---------|---------------|-----------|---------|----------|
| Tipping Fees | \$52.50 | / ton | Х | 27.5 tons | = | 1,443.75 |
| Total Cost per round Trip | | | | | | 2,008.63 |
| Cost per Cubic Yard | \$2,008.63 | / 15.38 | cubic yards = | | | \$130.60 |
| Plus 10% contractor profit | | | | | | 13.06 |
| Total Cost per Cubic Yard | | | | | | \$143.66 |
| Pounded Cost per Cubie Vard | | | | | £144.00 | |
| Tourided Cost per Cubic Ta | iu - | | | | | \$144.00 |

Insulation - Calcium Silicate (Non-Hazardous)

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds or .060750 tons. 30 cubic yards times .060750 tons/cubic yard = 1.82 tons. One dumpster filled with insulation falls within the four ton limit, so there is no tipping fee.

| Dumpster Cost | \$625.25 | / haul | Х | 11 | haul | = | 625.25 |
|-----------------------------|----------|-----------|------------|----|------|---|---------------------|
| Tipping Fees | \$52.50 | / ton | Х | 01 | tons | = | 0.00 |
| Total Cost per round Trip | | | | | | | 625.25 |
| Cost per Cubic Yard | \$625.25 | / 27 cubi | ic yards = | | | | \$23.1 6 |
| Plus 10% contractor profit | | | | | | | 2.32 |
| Total Cost per Cubic Yard | | | | | | | \$25.47 |
| Rounded Cost per Cubic Yard | l | | | | | | \$25.00 |

MANATEE DISMANTLEMENT STUDY

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monei | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) and updated by Construction Estimating are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month for site indirect costs. These expenses are to be incurred over the 24 month dismantlement period for the Manatee Plant. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management, supervison, security, etc..

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-------------|
| Number of months | 24.00 |
| Total Site Management Expenses | \$1,129,968 |

intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115. Manatee has 3 Intakes and 2 Discharges:

| | Cost/Structure | Quantity | | Totals |
|-----------|----------------|----------|---|-----------|
| intake | \$44,128 | | 3 | \$132,384 |
| Discharge | \$35,115 | | 2 | \$70,230 |
| | | | | \$202.614 |

* Manatee's Intake Structure is larger than average so for costing purposes, it is treated as 2. An intake and discharge have been added with Manatee Unit 3.
Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Manatee Acreage to be graded and seeded | 48.60 |
|---|-------------|
| Cost Factor | \$63,579 |
| Total Grading and Seeding Expense | \$3,089,939 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Manatee, the following cost estimates have been identified:

| Description | Amount |
|---------------------------|-------------|
| Asbestos | \$1,148 |
| Lead in paint | 900 |
| Basins Clean Out/Material | 79,385 |
| Special Waste | 369,574 |
| Tanks/Washwater | 21,000 |
| Soil/Other Contamination | 654,408 |
| Total | \$1,126,415 |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of <u>Measure</u> | Removal Cost per Unit of <i>Measure</i> | Total Removal Cost <u>Per Item</u> | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Saivage Value |
|---|--------------------|---------------------------------|-------------------------------------|--|---|--|---------------------------|--|---------------------------|
| MANATEE COMMON | | | | | | l | | | |
| PERC Account 311 | | | | | | | | | |
| Improvements to Site | | | | | | | 1 | | 1 |
| Dande (acholi) | CV | 4 | 2 (00 00 | 26.48 | 00 925 | 144.00 | 358 580 | 0.00 | 0 |
| Nudus (aspinary Walke Varil Daving Darking(asphalt/concrete) | CV | 1 | 4 373 00 | 26 48 | 48 263 | 144.00 | 190,512 | 0.00 | ō |
| Yand Lighting - Copper Winng | | 1 | 3 42 | 852.00 | 2 915 | 0.00 | 0 | 2.100.00 | 7,185 |
| Yard Lighting - Cooplet Willing Yard Lighting - Cooplet (aleminum) | TN | 1 | 24.06 | 426.00 | 10 251 | 0.00 | õ | 1.020.00 | 24.545 |
| Railroad Rails - Steel | TN | 1 | 549.83 | 504.10 | 277,171 | 0.00 | 0 | 120.00 | 65,980 |
| Railmad Cross-ties | TN | 1 | 824.78 | 36,48 | 30,088 | 144.00 | 118,768 | 0.00 | 0 |
| Subiotal | | | | | 459,523 | | 667,840 | | 97,710 |
| Domestic Water Supply Piping, Vivs Under 4" - Steel | TN | 1 | 41.88 | 504.10 | 21,114 | 0.00 | 0 | 120.00 | 5,026 |
| Subtotal | | · | | | 21,114 | | 0 | | 5,026 |
| Storm & Sanitary Sewer System | | | | | | | 1 | | |
| Oil Secarator Tank - 4000 gal (fiberglass) | TN | 2 | 8.39 | 504.10 | 4,229 | 0.00 | 0 | 120.00 | 1,007 |
| Oil Separator Pump/ Motor | TN | 2 | 2.00 | 312.40 | 625 | 0.00 | 0 | 120.00 | 240 |
| Water Collecting Pond - Reinforced Concrete | CY | 1 | 594.00 | 91.20 | 54,173 | 144.00 | 85,536 | 0.00 | 0 |
| Sewage Treatment - Misc. Steel & Piping | TN | 1 | 2.50 | 312.40 | 781 | 0.00 | 0 | 120.00 | 300 |
| Sewage Treatment - Disposal Tanks (total) | TN | 1 | 6.85 | 312.40 | 2,140 | 0.00 | 0 | 120.00 | 822 |
| Septic Tank - 750 gal (concrete) | TN | 1 | 1.32 | 36.48 | 48 | 0.00 | 0 | 0.00 | 0 |
| Catch Basins & Manholes - Reinforced Concrete | CY | 1 | 692.00 | 91.20 | 63,110 | 144.00 | 99,648 | 0.00 | 0 |
| Subtotal | | | | | 125,106 | | 185 184 | | 2,369 |
| Yard Fire Protection System | | | | | | | | | 100 |
| Motor-driven Fire Pump/ Motor | TN | 1 | 3.55 | 312.40 | 1,109 | 0.00 | 0 | 120.00 | 426 |
| Fire Pump/ Motor Foundation - Reinf Conc | CY | 1 | 31.00 | 91.20 | 2,827 | 144.00 | 4,464 | 0.00 | 0 |
| Engine-driven Fire Pump/ Motor Subtotal | TN | 1 | 1.21 | 312.40 | 3/8 | 0.00 | 4 464 | 120,00 | 571 |
| Jujuna | | | | | 4,014 | | 4,404 | | |
| Circulating and Service Water System Intake Structure | | | | | | | | | |
| Structures/ Foundations - Reinforced Concrete | CY | 1 | 9,258.00 | 91.20 | 844,330 | 144.00 | 1,333,152 | 0.00 | 0 |
| Structural Steel | TN | 1 | 19.00 | 234.30 | 4,452 | 0.00 | 0 | 120.00 | 2,280 |
| Handrailing, Grating, Checkerplate - Steel | TN | 1 | 1.75 | 312.40 | 547 | 0.00 | 0 | 120.00 | 210 |
| Cofferdam - Steel | TN | 1 | 156.67 | 312.40 | 48,944 | 0.00 | 0 | 120.00 | 18,800 |
| 40-Ton Gantry Crane | TN | 1 | 91.00 | 234.30 | 21,321 | 0.00 | 0 | 120.00 | 10,920 |
| 40-Ton Gantry Crane Track Rail - Steel | TN | 1 | 4,65 | 504.10 | 2,344 | 0.00 | 0 | 120.00 | 558 |
| Stop Logs - Reinforced Concrete | CY | 1 | 47.11 | 91.20 | 4,296 | 144.00 | 6,784 | 0.00 | 0 |
| Conduit - Aluminum | TN | 1 | 1.49 | 504.10 | 753 | 0.00 | 0 | 1,020.00 | 1,523 |
| Subtotal | | | | | 926,986 | | 1,339,936 | | 34,291 |
| Service Water System | _ | | | 1 | ſ | 1 | | 1 | |
| Foundation/ Slab - Reinforced Concrete | CY | 1 | 879.00 | 91,20 | 80.165 | 144.00 | 126,576 | 0.00 | 0 |
| Structural Steel | TN | 1 | 33.00 | 234.30 | 7,732 | 0.00 | 0 | 120.00 | 3,960 |
| Well Water Pump w/ motor | TN | 3 | 6.81 | 312.40 | 2,127 | 0.00 | 0 | 120.00 | 817 |
| Demineralizer w/ 7.5 hp motor | TN | 2 | 2.36 | 312.40 | 737 | 0.00 | 0 | 120.00 | 283 |
| Demineralizer w/ 15 hp motor | TN | 2 | 3.36 | 312.40 | 1,049 | 0.00 | 0 | 120.00 | 403 |

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| | | Number | | Removal | Total | Disposal | | Salvage | I |
|---|---------|--------|----------|----------|----------|----------|----------|-------------|-----------|
| | | of | Total | Cost per | Removal | Cost per | Total | Vaiue | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per item | Measure | Cost | Measure | Value |
| Conveyer System w/ 2 hp motor | TŇ | 1 | 2.50 | 312.40 | 781 | 0.00 | 0 | 120.00 | 300 |
| Coagulator Tank w/ motor | TN | 1 | 19.90 | 234.30 | 4,663 | 0.00 | 0 | 120.00 | 2,388 |
| Lime Tank & Mixer - Steel | TN | 1 | 1.22 | 312.40 | 381 | 0.00 | 0 | 120.00 | 146 |
| Alum Tank & Mixer - Steel | TN | 1 | 1.62 | 312.40 | 506 | 0.00 | 0 | 120.00 | 194 |
| Clearwell Tank - Steel | TN | 1 | 25.00 | 234.30 | 5,858 | 0.00 | 0 | 120.00 | 3,000 |
| Acid Feed Tank - Steel | TN | 1 | 7.50 | 312.40 | 2,343 | 0.00 | 0 | 120.00 | 900 |
| Sand Fifter Tank - Steel | TN | 4 | 50.40 | 234.30 | 11,809 | 0.00 | 0 | 120.00 | 6,048 |
| Carbon Filter Tank - Steel | TN | 1 | 1,79 | 312.40 | 558 | 0.00 | 0 | 120.00 | 214 |
| Conduit - Aluminum | TN | 1 | 1.75 | 504.10 | 880 | 0.00 | 0 | 120.00 | 210 |
| Subtotal | | | | | 119,589 | | 126,576 | | 18,864 |
| Raw Water Make-up System | | | | | | | | | |
| Raw Water Storage Tank - 500 000 gat | TN | 4 | 55 00 | 124.20 | 10.007 | 0.00 | | 400.00 | 6 coo |
| Foundation - Reinforced Concrete | CY IN | 1 | 202.00 | 234.30 | 12,00/ | 144.00 | 20,222 | 120.00 | 0,000 |
| Pining Vivs 4" to 8" - Steel | | | 203,00 | 91.20 | 10,014 | 144.00 | 29,232 | 0.00 | 0 |
| Pining, Vive - Fiberalass | TAL | 1 | 3.07 | 504.10 | 1,848 | 0.00 | 0 | 120.00 | 440 |
| Cubintal | IN | 1 | 33.84 | 426.00 | 14,460 | 0.00 | 0 | 0.00 | |
| Subibili | | | | | 47,709 | | 29,232 | | 7,040 |
| Open Cooling Water System | | | | | | | | | 1 |
| 36" Piping/ Misc. Vivs - Iron | TN | 1 | 4.82 | 426.00 | 2,052 | 0.00 | 0 | 120.00 | 578 |
| Subtotal | | | | | 2,052 | | 0 | | 578 |
| Other Service Water System | | | | | | | | | |
| Service Water Pump w/ 125 hp motor | TN | ~ | 2.25 | 212.40 | 701 | 0.00 | • | 100.00 | 390 |
| Treated Water Storage Tank - 500 000 gal | | 1 | 55.00 | 312.40 | 10 007 | 0.00 | 0 | 120.00 | 209 |
| Potable Water Storage Tank - 14 000 gal | TN | 1 | 5.50 | 234.30 | 12,007 | 0.00 | U 0 | 120.00 | 0,000 |
| Water Treatment Area Foundations - Reinf Conc | CY | , 1 | 859.00 | 01 20 | 78 244 | 144.00 | 123 606 | 120.00 | 000 |
| Piping, Vivs Under 4" - Steel | TN | · · | 62.26 | 504.10 | 31 384 | 0.00 | 123,050 | 120.00 | 7 474 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 58 14 | 312 40 | 18 184 | 0.00 | 0 | 120.00 | 6.077 |
| Subtotal | | • | 00.14 | 512.40 | 143,195 | 0.00 | 123,696 | 120.00 | 21,978 |
| | | | | | | | | | · · · · · |
| Neutralization Basin | | | - | | | | | - | |
| Acid Retention Basin - Reinforced Concrete | CY | 1 | 584.00 | 91.20 | 53,261 | 144.00 | 84,096 | 0.00 | 0 |
| Recovered Service Water Pump w/ motor | TN | 2 | 4.50 | 312.40 | 1,406 | 0.00 | 0 | 120.00 | 540 |
| Recovered Service Water Basin - Reinf Conc | CY | 1 | 151.00 | 91.20 | 13,771 | 144.00 | 21,744 | 0.00 | 0 |
| Waste Water Treatment Control Panel | TN · | 1 | 1.55 | 504.10 | 781 | 0.00 | 0 | 120.00 | 186 |
| Piping, Vivs - Fiberglass | TN | 1 | 16.26 | 504.10 | 8,195 | 0.00 | 0 | 0.00 | 0 |
| Subtotal | | | | | 77,414 | | 105,840 | | 726 |
| Discharge Structure | | | | | | | | | |
| Circ Water Discharge Skuice Gate - Iron | TN | 2 | 11.00 | 312.40 | 3 436 | 0.00 | 0 | 120.00 | 1 3 20 |
| Structure - Reinforced Concrete | CY | 1 | 2 057 00 | 01 20 | 197 508 | 144.00 | 206 208 | 0.00 | 1,520 |
| Subtotal | 01 | • | 2,007.00 | 81,20 | 191,035 | 144.00 | 296,208 | 0.00 | 1.320 |
| Obstine Obstat | | | | | | | | | |
| Station Structures | | | | | | | | | |
| Calibration Shop - Concrete Block 2,000 st | CY | 1 | 31.02 | 36.48 | 1,132 | 144.00 | 4,467 | 0.00 | 0 |
| A Statistic Station Pamp W 100 hp motor | TN . | 2 | 9.60 | 312.40 | 2,997 | 0.00 | 0 | 120.00 | 1,151 |
| Acid Lift Station Pump w/ 100 hp motor | TN | 2 | 9.18 | 312.40 | 2,866 | 0.00 | 0 | 120.00 | 1,101 |
| 90-Ton Ganuy Crane w/ 30-Ton Auxiliary Hoist | TN | 1 | 178.90 | 234.30 | 41,916 | 0.00 | 0 | 120.00 | 21,468 |
| Su-ton Gantry Crane Track Rail - Steel | TN | 1 | 20.00 | 504.10 | 10,082 | 0.00 | 0 | 120.00 | 2,400 |
| Control Blog Foundation - Reinforced Concrete | CY | 1 | 398.00 | 91.20 | 36,298 | 144.00 | 57,312 | 0.00 | 0 |
| Control Bidg - Aluminum Siding 20,364 sf | TN | 1 | 15.27 | 504.10 | 7,698 | 0.00 | 0 | 120.00 | 1,832 |

| | | Number | | Removal | Total | Disposal | | Salvage | 1 |
|---|---------|--------|----------|----------|----------|----------|----------|-------------|---------|
| | | of | Totai | Cost per | Removal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| Control Bldg - Concrete Block 6,820 sf | CY | 1 | 105.77 | 36,48 | 3,859 | 144.00 | 15,231 | 0.00 | 0 |
| Control Bldg - Aluminum Sheet Metal 8,100 sf | TN | 1 | 12.15 | 504.10 | 6,125 | 0.00 | 0 | 120.00 | 1,458 |
| Control Bidg - Built-up Roofing 2,850 sf | TN | 1 | 8.55 | 36.48 | 312 | 144.00 | 1,231 | 0.00 | 0 |
| Control Bidg Phone Eqpmnt Room - Struc Steel | TN | 1 | 7.60 | 234.30 | 1,781 | 0.00 | 0 | 120.00 | 912 |
| Personnel Elevator - 2,000 lb capacity | TN | 1 | 6.36 | 312.40 | 1,988 | 0.00 | 0 | 120.00 | 764 |
| Freight Elevator - 10,000 lb capacity | TN | 1 | 9.00 | 312.40 | 2,812 | 0.00 | 0 | 120.00 | 1,080 |
| Freight Elevator - Structural Steel | TN | 1 | 19.65 | 234.30 | 4,604 | 0.00 | 0 | 120.00 | 2,358 |
| Subtotal | | | | | 124,469 | | 78,241 | | 34,525 |
| Fuel and Ash Structures | | | | | | | | | |
| Ash Disnosal Basin - Reinforced Concrete | CY | 1 | 2 852 00 | 91.20 | 260 102 | 144.00 | 410 688 | 0.00 | 0 |
| Ash Disposal Basin - PH Analyzer | TN | 1 | 200 | 504.10 | 1 008 | 0.00 | 410,000 | 120.00 | 240 |
| Ash Disnosal Basin Guard Rails 750 ff | TN | 1 | 1.88 | 312 40 | 587 | 0.00 | 0 | 120.00 | 226 |
| Fuel Oil Transfer Pump w/ 100 hs mator | TN | 3 | 0.60 | 212.40 | 2 000 | 0.00 | | 120.00 | 1 152 |
| F/O Transfer Pump Rocket Strainer - Imp | TM | 3 | 3.47 | 312.40 | 2,005 | 0.00 | 0 | 420.00 | 417 |
| Fuel Oil Transfer Heater - Steel | TN | 3 | 36.02 | 312.40 | 11.524 | 0.00 | | 120,00 | 4 420 |
| Davi Linht Oil Tank Endine/ Dike - Reint Conc | CV | 1 | 1 550.00 | 01.20 | 142 191 | 0.00 | 774 496 | 120.00 | 4,430 |
| Day/Light Of Tank Fina Wall, Beinf Conc | CY | 1 | 477.00 | 91.20 | 42,101 | 144.00 | 224,400 | 0.00 | |
| Day Lyncon can cing than - Noin Corres Diving Wheel Inder A. Staal | TM | 1 | 4/7.00 | 81.20 | 43,302 | 144.00 | 00,000 | 100.00 | 2 205 |
| Dision Mue At to 9" - Ctool | TN | 1 | 19.90 | 504,10 | 10,039 | 0.00 | 0 | 120.00 | 2,380 |
| Dining Vive Area 8" - Steel | TN | | 4.04 | 312.40 | 1,013 | 0.00 | 0 | 120.00 | 001 |
| Fighty, Viva Uvar o - Steel Dining Supports - Dainformad Constato | | | 217.10 | 234,30 | 50,800 | 0.00 | 420 404 | 120.00 | 20,002 |
| Piping Supports - Reminister Conductor Dina Classica & Anabar Diatas - Cinal | | 1 | 900.00 | 91.20 | 86,099 | 144.00 | 139,104 | 0.00 | 1 200 |
| Dising All to diverse a manager of the second | | 1 | 10.00 | 504.10 | 5,041 | 0.00 | 0 | 120.00 | 1,200 |
| Photog 4 80 0 - mon | TN | 1 | 6.75 | 426.00 | 2,876 | 0,00 | 0 | 120.00 | 810 |
| Piping Over a" - Iron | | 1 | 1.45 | 426.00 | 618 | 0,00 | 0 | 120.00 | 1/4 |
| Insulation Cuble-tel | CY | 1 | 3.90 | 71.00 | 281 | 25.00 | 99 | 0.00 | |
| Subtotal | | | | | 622,353 | | 843,075 | | 37,676 |
| Service Building | | | | | | | | | |
| Spread Footings - Reinforced Concrete | CY | 1 | 135.00 | 91.20 | 12,312 | 144.00 | 19,440 | 0.00 | 0 |
| Structural Steel | TN | 1 | 30.00 | 234.30 | 7,029 | 0.00 | 0 | 120.00 | 3,600 |
| Walls - Concrete Block 31,877 sf | CY | 1 | 494.39 | 36.48 | 18,035 | 144.00 | 71,192 | 0.00 | 0 |
| Columns & Tie Beams - Reinforced Concrete | CY | 1 | 333.00 | 91.20 | 30,370 | 144.00 | 47,952 | 0.00 | 0 |
| Stabs & Landings - Reinforced Concrete | CY | 1 | 338.00 | 91.20 | 30,826 | 144.00 | 48.672 | 0.00 | 0 |
| Interior Partitions - Conc Block 8,875 sf | CY | 1 | 137.64 | 36.48 | 5.021 | 144.00 | 19.821 | 0.00 | 0 |
| Pre-cast Floor Slabs - Concrete | CY . | 1 | 370.26 | 36.48 | 13,507 | 144.00 | 53,317 | 0.00 | 0 |
| Pre-cast Roof Slabs - Concrete | CY | 1 | 422.82 | 36 48 | 15 424 | 144.00 | 60 886 | 0.00 | 0 |
| Built-uo Roofina | TN | 1 | 72.37 | 36.48 | 2.640 | 144.00 | 10,421 | 0.00 | 0 |
| Air Conditioning Unit - 240,000 BTU | TN | 1 | 2 25 | 312 40 | 703 | 0.00 | 0 | 120.00 | 270 |
| Air Conditioning Unit - 167.000 BTU | TN | 1 | 2 20 | 312 40 | 687 | 0.00 | 0 | 120.00 | 264 |
| Air Conditioning Unit - 142,000 BTU | TN | 1 | 1.00 | 504 10 | 504 | 0.00 | õ | 120.00 | 120 |
| 5-Ton Machine Shop Bridge Crane | TN | 1 | 2 37 | 312 40 | 740 | 0.00 | o o | 120.00 | 284 |
| Conduit - Aluminum | TN | 1 | 1 78 | 504 10 | 808 | 0.00 | | 120.00 | 214 |
| Pining Vivs Linder 4" - Steel | TN | 1 | 12.92 | 504.10 | 6 514 | 0.00 | | 120.00 | 1 551 |
| Pining, We d' to 8" - Steel | TN | 1 | 2.52 | 312.40 | 770 | 0.00 | | 120.00 | 200 |
| Pining, 110 4 10 0 - 0.000 | TN | 4 | 2.00 | 426.00 | 1 172 | 0.00 | 0 | 120.00 | 1 476 |
| Cubicital | | | 8.00 | 420.00 | 4,113 | 0.00 | 224 704 | 120.00 | 7 778 |
| ວີນີ່ຢູ່ປູກລາ | • | | | | 100,104 | | 331,701 | | 1,110 |
| Other Buildings | | | | | | | | | |
| Foundations - Reinforced Concrete | CY | 1 | 353.00 | 91.20 | 32,194 | 144.00 | 50,832 | 0.00 | 0 |
| Walls - Concrete Block 8,162 sf | CY | 1 | 126.59 | 36.48 | 4,618 | 144.00 | 18,228 | 0.00 | 0 |
| Pre-cast Roofs - Concrete | CY | 1 | 60.48 | 36.48 | 2,206 | 144.00 | 8,709 | 0.00 | 0 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Totai Removal Cost Per item | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------|--|---------------------------|
| Built-up Roofing | TN | 1 | 11.30 | 36.48 | 412 | 144.00 | 1,627 | 0.00 | 0 |
| Roof Supports - Steel (Intake Chiomtr Bidg) Subtotal | TN | 1 | 1.86 | 312.40 | <u>580</u> 40,010 | 0.00 | 0 79,397 | 120.00 | 223 223 |
| Warehouses | | | | | | | | | |
| Foundations - Reinforced Concrete | CY | 1 | 979.00 | 91.20 | 89,285 | 144.00 | 140,976 | 0.00 | 0 |
| Structural Steel | TN | 1 | 574.00 | 234.30 | 134,488 | 0.00 | 0 | 0.00 | 0 |
| Siding/ Roofing - Aluminum | TN | 1 | 154.69 | 504,10 | 77,979 | 0.00 | 0 | 120.00 | 18,563 |
| Fencing - Aluminum | TN | 1 | 2.00 | 504.10 | 1,008 | 0.00 | 0 | 120.00 | 240 |
| Subtotal | | | | | 302,760 | | 140,976 | | 18,803 |
| Total Account 311 | | | | | 3,357,793 | | 4,352,367 | | 289,478 |
| FERC Account 312 | | | | | | | | | |
| Boller Plant Service Equipment Feed Water System | | | | | | | | | |
| Strong Acid Cation Exchanger - Steel | TN | 2 | 70.50 | 234.30 | 16,518 | 0.00 | 0 | 120.00 | 8,460 |
| Weak Base Anion Exchanger - Steel | TN | 2 | 39,00 | 234.30 | 9,138 | 0.00 | 0 | 120.00 | 4,680 |
| Strong Base Anion Exchanger - Steel | TN | 3 | 32.70 | 234.30 | 7,662 | 0.00 | 0 | 120.00 | 3,924 |
| Mixed Bed Ion Exchanger - Steel | TN | 2 | 23.35 | 234.30 | 5,471 | 0.00 | 0 | 120.00 | 2,802 |
| Air Compressor - 308 cfm w/ 40 hp motor | TN | 1 | 1.00 | 504.10 | 504 | 0.00 | 0 | 120.00 | 120 |
| Acid Storage Tank - Steel | TN | 1 | 48.50 | 234.30 | 11,364 | 0.00 | 0 | 120.00 | 5,820 |
| Caustic Storage Tank -Steel | TN | 1 | 7.50 | 312.40 | 2,343 | 0.00 | 0 | 120.00 | 900 |
| Brine Measuring Tank - Steel | TN | 1 | 3.66 | 312.40 | 1,143 | 0.00 | 0 | 120.00 | 439 |
| Brine Recirculation Control Panel - Steel Subtotal | TN | 1 | 5,16 | 504.10 | 2,603 56,745 | 0.00 | 0 0 | 120.00 | 620 27,765 |
| Boiler Wash System | | | | | | | | | |
| Caustic Wash Service Tank/ Agitator - Steel | TN | 1 | 3.52 | 312.40 | 1,098 | 0.00 | 0 | 120.00 | 422 |
| Caustic Wash Mixing Tank/ Agitator - Steel | TN | 1 | 2.65 | 312.40 | 828 | 0.00 | 0 | 120.00 | 318 |
| Lime Skurry Mixing Tank/ Agitator - Steel | TN | 1 | 1.93 | 312.40 | 602 | 0.00 | 0 | 120.00 | 231 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 55.72 | 504.10 | 28,090 | 0.00 | 0 | 120.00 [*] | 6,687 |
| Subtotal | | | | | 30,618 | | 0 | | 7,658 |
| Total Account 312 | | | | | 87,363 | | | | 35,423 |
| FERC Account 315 | | | | | | | | | |
| Power Conversion Equipment | | | | | | | | | |
| Start-in Transformer (6 9kva) | TN | 1 | 59.30 | 504.10 | 29.893 | 0.00 | 0 | 120.00 | 7,116 |
| Start-up Switchgear (6.9kva) | TN | 1 | 13.80 | 504.10 | 6,957 | 0.00 | 0 | 120.00 | 1,656 |
| 6.900V Non-secrecated Phase Bus | TN | 1 | 6,78 | 504.10 | 3,418 | 0.00 | 0 | 120.00 | 814 |
| Start-up Transformer Foundation - Reinf Conc | CY | 1 | 184.00 | 91.20 | 16,781 | 144.00 | 26,496 | 0.00 | 0 |
| Station Svc Trnsfmr - 2,500 kva (oil-cooled) | TN | 1 | 7.80 | 504.10 | 3,932 | 0.00 | 0 | 120.00 | 936 |
| Manholes & Handholes - Reinforced Concrete | CY | 1 | 499.00 | 91.20 | 45,509 | 144.00 | 71,856 | 0.00 | 0 |
| 480V Motor Control Center | TN | 1 | 3.50 | 504.10 | 1,764 | 0.00 | 0 | 120.00 | 420 |
| 2400V Switchgear | TN. | 1 | 7.57 | 504.10 | 3,814 | 0.00 | 0 | 120.00 | 908 |
| Neutral Grounding Transformer - Steel | TN | 2 | 8.00 | 504.10 | 4,033 | 0.00 | 0 | 120.00 | 960 |
| Transformer Copper | TN | 1 | 28.44 | 525.40 | 14,942 | 0.00 | 0 | 2,100.00 | 59,724 |
| Emergency Diesel Generator & Accessories | TN | 1 | 12.12 | 312.40 | 3,788 | 0.00 | 0 | 120.00 | 1,455 |
| 480V Emergency Diesel Load Center/ Switchgear | TN | 1 | 3.70 | 504.10 | 1,865 | 0.00 | 0 | 120.00 | 444 |
| Underground Conduit, Ducts - Reinf Concrete | CY | 1 | 690.00 | 91.20 | 62,928 | 144.00 | 99,360 | 0.00 | 0 |

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| Removal Disposal & Salvaga | linit of | Number of | Total Units of | Removal Cost per | Total Removal Cost | Disposal Cost per | Total Dienosal | Salvage Value | Total Salvage |
|---|----------|--------------|-------------------|---------------------|--------------------------|----------------------|-------------------|------------------|------------------|
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| Conduit (underground) - Steel | TN | 1 | 47.70 | 426.00 | 20,320 | 0.00 | 0 | 0.00 | 0 |
| Conduit (exposed) - Steel | TN | 1 | 11.12 | 504.10 | 5,607 | 0.00 | 0 | 0.00 | 0 |
| Copper Wiring - Insulated | TN | 1 | 9.44 | 852.00 | 8,045 | 0.00 | 0 | 2,100.00 | 19,830 |
| Total Account 315 | | | | | 233,595 | | 197,712 | | 94,263 |
| FERC Account 316 | | | | | | | | | |
| Miscellaneous Power Plant Equipment | | | | | | 1 | | | |
| Station Air Compressor (880 CFM) w/ motor | TN | 1 | 4.08 | 312.40 | 1,275 | 0.00 | 0 | 120.00 | 490 |
| Total Account 316 | | | | | 1,275 | | 0 | | 490 |
| TOTAL MANATEE COMMON | | | | | 3,680,027 | | 4,550,079 | | 419,653 |
| MANATEE UNITS 1 & 2 FERC Account 311 | | | | | | | | | |
| Improvements to Site | | | | | | | | | |
| Staro Proince Broge | TN | | 164.00 | 224.20 | 28 425 | 0.00 | 0 | 120.00 | 19 680 |
| Subtotal | 1 PN | , | 104.00 | 234.30 | 30,423 | 0.00 | | 120.00 | 19 680 |
| | | | | | 30,423 | | | | ,0,000 |
| Storm & Sanitary Sewer System | | | | | | ł | | | |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 13.56 | 312.40 | 4,237 | 0.00 | 0 | 120.00 | 1,628 |
| Piping, Vivs 4" to 8" - Iron | TN | 1 | 95.71 | 426.00 | 40,772 | 0.00 | 0 | 120.00 | 11,485 |
| Piping, Vivs Over 8" - Iron | TN | 1 | 71.64 | 426.00 | 30,519 | 0.00 | 0 | 120.00 | 8,597 |
| Fiberglass Piping, Vlvs | TN | 1 | 12.18 | 426.00 | 5,188 | 0.00 | 0 | 120.00 | 1,462 |
| Piping Over 8" - Reinforced Concrete | TN | 1 | 300.08 | 349.60 | 104,908 | 0.00 | 0 | 0.00 | 0 |
| Subtotal | | | | | 185,625 | | 0 | | 23,171 |
| Yard Fire Protection System | | | | | | | 1 | | |
| Piping, Vivs 4" & Under - Steel | TN | 1 | 5.02 | 504.10 | 2,529 | 0.00 | 0 | 120.00 | 602 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 6.00 | 312.40 | 1,875 | 0.00 | 0 | 120.00 | 720 |
| Piping 4" to 8" - Iron | TN | 1 | 2.16 | 426.00 | 919 | 0.00 | 0 | 120.00 | 259 |
| Piping Over 8" - Iron | TN | 1 | 132.39 | 426.00 | 56,400 | 0.00 | 0 | 120.00 | 15,887 |
| Subtotal | | | | | 61,723 | | 0 | | 17,469 |
| Circulating and Service Water System | | | | | | | | | |
| Intake Cooling Water Pump w/ motor | TN | 2 | 27 60 | 312.40 | 8 622 | 0.00 | a | 120.00 | 3.312 |
| Pump Basket Strainer (30") - Steel | TN | 2 | 15.95 | 312.40 | 4,983 | 0.00 | 0 | 120.00 | 1,914 |
| 36" Piping - Reinforced Concrete | TN | 1 | 2.069.82 | 349.60 | 723.608 | 0.00 | 0 | 0.00 | 0 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 116.54 | 504.10 | 58,749 | 0.00 | 0 | 120.00 | 13,985 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 70,45 | 312.40 | 22.009 | 0.00 | 0 | 120.00 | 8,454 |
| Sublotal | | | | | 817,971 | | 0 | | 27,665 |
| Intake Structure Equipment & Piping | | | | | | | | | |
| Traveling Water Screen - Steel | TN | 4 | 144.25 | 234.30 | 33,798 | 0.00 | 0 | 120.00 | 17,310 |
| Screen Wash Pump w/ motor | TN | 4 | 17.00 | 312.40 | 5,311 | 0.00 | 0 | 120.00 | 2,040 |
| Trash Rake - Aluminum | TN . | 4 | 16.00 | 504.10 | 8,066 | 0.00 | 0 | 120.00 | 1,920 |
| 5-ton Electric Hoist | TN | 1 | 3.00 | 312.40 | 937 | 0.00 | 0 | 120.00 | 360 |
| Intake Piping (66") - Reinforced Concrete | CY | 1 | 5,474.10 | 349.60 | 1,913,745 | 0.00 | 0 | 0.00 | 0 |
| Subtotal | | | | | 1,961,857 | | 0 | | 21,630 |
| Discharge Piping | | | | | | | | | |

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| | | | | Demoval | T-And | Disease | | Cabunca | I |
|--|----------|--------|-------------------|----------|-------------------|-----------------|--------------------|----------|------------|
| | | Number | Tatal | Centrer | i otal Demoval | Uisposai | Tatal | Salvage | Total |
| Demond Diseased & Column | 11-14-16 | or | I OTAL | Cost per | Kemovar | Cost per | i otal Disessal | value | Sakage |
| Cont Workshow | Unit of | Compo- | | Unit or | COSI Des Horn | Unit of | Disposa | Mooruro | Valua |
| Discharge Dining (66") Reinforged Consents | TM | | Reasure 615.26 | 240.60 | 215 004 | neasure 0.00 | | 0.00 | Value 0 |
| Discharge Piping (00) - Reinforced Concrete | TN | 1 | 2 764 80 | 349.00 | 213,034 | 0.00 | 0 | 0.00 | 0 |
| Subtatal | E IN | | 2,704.00 | 345.00 | 1 181 668 | 0.00 | | 0.00 | 0 |
| Subiotal | | | | | 1,101,000 | | 0 | | U |
| Station Structures | | | | | | | | | |
| Spread Footings - Reinforced Concrete | CY | 1 | 11,966.00 | 91.20 | 1,091,299 | 144.00 | 1,723,104 | 0.00 | 0 |
| Footings, Piers & Grade Beams - Reinf Conc | CY | 1 | 6,393.00 | 91.20 | 583,042 | 144.00 | 920,592 | 0.00 | 0 |
| Ground Floor Slabs - Reinforced Concrete | CY | 1 | 4,387.00 | 91,20 | 400,094 | 144.00 | 631,728 | 0.00 | 0 |
| Turbine Generator Building - Structural Steel | TN | 1 | 892.00 | 234.30 | 208,996 | 0.00 | 0 | 120.00 | 107,040 |
| T-G Bldg - Stairways & Handrailing 4,377 If | TN | 1 | 60.16 | 312.40 | 18,795 | 0.00 | 0 | 120.00 | 7,219 |
| Elevated Slabs - Reinforced Concrete | CY | 1 | 1,733.00 | 91.20 | 158,050 | 144.00 | 249,552 | 0.00 | 0 |
| Grating & Floor Plating - Steel 7,146 sf | TN | 1 | 78.06 | 312.40 | 24,386 | 0.00 | 0 | 120.00 | 9,367 |
| Lift Station Structure/ Findation - Reinf Conc | CY | 1 | 870,00 | 91.20 | 79,344 | 144.00 | 125,280 | 0.00 | 0 |
| Lift Station Pump w/ 40 hp motor | TN | 2 | 5,20 | 312.40 | 1,624 | 0.00 | 0 | 120.00 | 624 |
| Lift Station Pump w/ 125 hp motor | TN | 2 | 9.68 | 312.40 | 3,024 | 0.00 | 0 | 120.00 | 1,162 |
| Conduit - Aluminum | TN | 1 | 31.84 | 504.10 | 16,051 | 0.00 | 0 | 1,020.00 | 32,478 |
| Insulated Copper Wiring | TN | 1 | 2.90 | 852.00 | 2,472 | 0.00 | 0 | 2,100.00 | 6,094 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 2.98 | 504.10 | 1,500 | 0.00 | 0 | 120.00 | 357 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 30.87 | 312.40 | 9,644 | 0.00 | 0 | 120.00 | 3,704 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 3.90 | 234.30 | 913 | 0.00 | 0 | 120.00 | 468 |
| Piping, Vivs Under 4" - Iron | TN | 1 | 1.34 | 426.00 | 571 | 0.00 | 0 | 120.00 | 161 |
| Piping, Vivs 4" to 8" - Iron | TN | 1 | 44.50 | 426.00 | 18,958 | 0.00 | 0 | 120.00 | 5,340 |
| Piping, Vivs Over 8" - Iron | TN | 1 | 34.98 | 426.00 | 14,900 | 0.00 | 0 | 120.00 | 4,197 |
| 15" Piping - Reinforced Concrete | TN | 1 | 15.05 | 349.60 | 5,261 | 0.00 | 0 | 0.00 | 470.014 |
| Subtotal | | | | | 2,638,923 | | 3,650,256 | | 178,211 |
| Total Account 311 | | | | | 6,886,193 | | 3,650,256 | | 287,826 |
| FEBC Account 312 | | | : | | | | | | |
| Roller Plant Service Eminment | | | | | | | | | |
| Evel Oil Day Tank - Steel 24 000 bbl | TN | 2 | 210.00 | n/a | 31.642 | 0.00 | 0 | 120.00 | 25,200 |
| Linht Oil Tank - Steel 2 000 hbl | TN | 1 | 16 00 | n/a | 6.818 | 0.00 | 0 | 120.00 | 1.920 |
| Foundation - tanks | | • | | n/a | 129.369 | n/a | 0 | 0.00 | 0 |
| Fuel Oil Tank Cleaning | | | | n/a | 0 | n/a | 158.000 | 0.00 | 0 |
| Sand base removal | | | | n/a | Ō | n/a | 53,074 | 0.00 | 0 |
| Fuel Oil Burner Purno Heater - Steel | TN · | 1 | 14.16 | 312.40 | 4.424 | 0.00 | 0 | 120.00 | 1,699 |
| Burner Fuel Oil Heater - Steel | TN | 6 | 46.98 | 312.40 | 14,677 | 0.00 | 0 | 120.00 | 5,638 |
| Fuel Oil Burner Pumo/ Motor | TN | 3 | 14.52 | 312.40 | 4,536 | 0.00 | 0 | 120.00 | 1,742 |
| Basket Strainer (16") - Steel | TN | 2 | 4.63 | 312.40 | 1,446 | 0.00 | 0 | 120.00 | 556 |
| Fuel Oil Burner Booster Pump w/ motor | TN | 2 | 18.96 | 312.40 | 5,923 | 0.00 | 0 | 120.00 | 2,275 |
| Forced Draft Fan | TN | 4 | 162.40 | 234.30 | 38,050 | 0.00 | 0 | 120.00 | 19,488 |
| Forced Draft Fan Motor | TN | 4 | 106.04 | 234.30 | 24,845 | 0.00 | 0 | 120.00 | 12,725 |
| Forced Draft Fan Hydraulic Coupling | TN | 4 | 62.00 | 312.40 | 19,369 | 0.00 | 0 | 120.00 | 7,440 |
| Gas Induction Fan | TN | 2 | 146.00 | 234.30 | 34,208 | 0.00 | 0 | 120.00 | 17,520 |
| Gas Induction Fan Motor | TN | 2 | 50.80 | 234.30 | 11,902 | 0.00 | 0 | 120.00 | 6,096 |
| Gas Induction Fan Hydraulic Coupling | TN | 2 | 37.00 | 312.40 | 11,559 | 0.00 | 0 | 120.00 | 4,440 |
| F/D Fan & G/I Fan Foundations - Reinf Conc | CY . | 1 | 2,500.00 | 91.20 | 228,000 | 144.00 | 360,000 | 0.00 | 0 |
| Breeching Foundations - Reinforced Concrete | CY | 1 | 260.00 | 91,20 | 23,712 | 144.00 | 37,440 | 0.00 | 0 |
| Steel Support - Fan Removal | TN | 1 | 272.00 | 234.30 | 63,730 | 0.00 | 0 | 120.00 | 32,640 |
| Ductwork - Steel (53,761 sf x 1/4") | TN | 1 | 548.37 | 312.40 | 171,310 | 0.00 | 0 | 120.00 | 65,804 |
| Forced Draft Fan Hoist - 7 1/2 Ton | TN | 2 | 5.40 | 312.40 | 1,687 | 0.00 | 0 | 120.00 | 648 |
| Gas Induction Fan Hoist - 7 1/2 Ton | TN | 2 | 4.76 | 312.40 | 1,487 | 0.00 | 0 | 120.00 | 571 |

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| | | | | | | | | 0.1 | |
|---|---------|--------|----------|----------|-----------|----------|-----------|-------------|-----------|
| | | Number | Tetal | Removal | i otal | Disposal | Total | Salvage | Total |
| Demoural Diseased & Coheney | 11-14-6 | or | IOTAI | Cost per | Removal | Cost per | Dispectal | value | Sehrees |
| Kemoval, Disposal & Salvage | Unit of | Compo- | Units of | Unit or | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per item | Measure | Cost | Measure | 47.542 |
| | IN | 1 | 8.34 | 852.00 | 7,105 | 0.00 | 0 | 2,100.00 | 17,010 |
| Conduit - Aluminum Distan Must Index (1) Charl | IN | 1 | 39.81 | 504.10 | 20,068 | 0.00 | U | 1,020.00 | 40,000 |
| Piping, Vivs Under 4" - Steer | IN Th | 1 | 122.10 | 504.10 | 61,593 | 0.00 | | 120.00 | 14,002 |
| Piping, Vtvs 4" to 8" - Steel | 111 | 1 | 80.37 | 312.40 | 25,100 | 0.00 | 0 | 120.00 | 9,044 |
| Piping, Vivs Over 8 - Steel | ł N | 1 | 118.31 | 234.30 | 27,721 | 0.00 | 0 | 120.00 | 14,190 |
| Piping, Vivs 4" to 8" - Iron | IN | 1 | 39,50 | 428.00 | 16,825 | 0.00 | 0 | 120.00 | 4,740 |
| Piping, Vivs Over 8" - Iron | IN | 1 | 66,35 | 426.00 | 28,204 | 0.00 | 9 | 120.00 | 1,902 |
| Piping, Vlvs - Fiberglass | IN | 1 | 1.75 | 426.00 | /46 | 0.00 | 0 | 0.00 | |
| 15" Piping - Reinforced Concrete | TN | 1 | 8.31 | 91.20 | /58 | 144.00 | 1,19/ | 0.00 | 0 |
| Piping Foundations - Reinforced Concrete | CY | 1 | 214.00 | 91.20 | 19,517 | 144.00 | 30,816 | 0.00 | 0 |
| Piping Insulation | CY | 1 | 59,09 | 71.00 | 4,195 | 25.00 | 1,4// | 0.00 | 0 |
| Subtotal | | | | | 1,040,592 | | 642,004 | | 315,725 |
| | | | | | | | | | |
| Boiler Plant Equipment | - | | | | | | | | |
| Structural Steel | TN | 1 | 5,830.00 | 234.30 | 1,365,969 | 0.00 | U | 120.00 | 699,600 |
| Checkerplate - Steel 49,094 sf | TN | 1 | 441.84 | 312.40 | 138,031 | 0.00 | 0 | 120.00 | 53,021 |
| Handrailing - Steel 12,216 If | TN | 1 | 61.08 | 312.40 | 19,081 | 0.00 | 0 | 120.00 | 7,330 |
| Steam Generation Unit - including; | | | | | | | | | |
| Steam Drum, Internals, Supports | TN | 2 | 1,090.00 | 234.30 | 255,387 | 0.00 | 0 | 120.00 | 130,800 |
| Burner Area & Windboxes | TN | 1 | 163.00 | 234,30 | 38,191 | 0.00 | 0 | 120.00 | 19,560 |
| Penthouse Area | TN | 1 | 1,633.00 | 234.30 | 382,612 | 0.00 | 0 | 120.00 | 195,960 |
| Heat Recovery Area | TN | 1 | 586.00 | 234.30 | 137,300 | 0.00 | 0 | 120.00 | 70,320 |
| Hopper Area | TN | 1 | 27.00 | 234.30 | 6,326 | 0.00 | 0 | 120.00 | 3,240 |
| Water Walls/ Headers | TN | 1 | 3,506.00 | 234.30 | 821,456 | 0.00 | 0 | 120.00 | 420,720 |
| Downcomers | TN | 1 | 1,350.00 | 234.30 | 316,305 | 0.00 | 0 | 120.00 | 162,000 |
| Air Preheater | TN | 2 | 2,670.00 | 234.30 | 625,581 | 0.00 | 0 | 120.00 | 320,400 |
| Steam Coil Air Heater | TN | 1 | 30.48 | 234.30 | 7,141 | 0.00 | 0 | 120.00 | 3,658 |
| Superheater | TN | 1 | 2,002.00 | 234.30 | 469,069 | 0.00 | 0 | 120.00 | 240,240 |
| Reheater | TN | 1 | 1,885.00 | 234.30 | 441,656 | 0.00 | 0 | 120.00 | 226,200 |
| Economizer | TN | 1 | 1,463.00 | 234.30 | 342,781 | 0.00 | 0 | 120.00 | 175,560 |
| Flues/ Ductwork | TN | 1 | 1,379.00 | 312.40 | 430,800 | 0.00 | 0 | 120.00 | 165,480 |
| Boiler Setting - Insulation | CY | 1 | 4,180.80 | 71.00 | 296,837 | 25.00 | 104,520 | 0.00 | 0 |
| Soot Blower | TN | 32 | 124.80 | 312.40 | 38,988 | 0.00 | 0 | 120.00 | 14,976 |
| Soot Blower Support Steel | TN | 1 | 40.00 | 312,40 | 12,496 | 0.00 | 0 | 120.00 | 4,800 |
| Safety/ Relief Valves (total) | TN | 1 | 28.00 | 312.40 | 8.747 | 0.00 | 0 | 120.00 | 3,360 |
| Safety/ Relief Valve Silencers | TN | 1 | 70.00 | 312.40 | 21.868 | 0.00 | 0 | 120.00 | 8,400 |
| Instrument Air Compressor w/ 100 ho motor | TN | 2 | 25 20 | 312.40 | 7.872 | 0.00 | 0 | 120.00 | 3.024 |
| Instrument Air Driver | TN | 1 | 4 00 | 312.40 | 1 250 | 0.00 | 0 | 120.00 | 480 |
| Compressor Foundations - Reinformed Concrete | CY | 1 | 15.00 | 91.20 | 1 368 | 144.00 | 2 160 | 0.00 | 0 |
| Boiler Combustion Controls | TN | 1 | 7.00 | 504.10 | 3 529 | 0.00 | _, | 120.00 | 840 |
| Steam and Water Sampling System | TN | 1 | 3.00 | 504.10 | 1 512 | 0.00 | 0 | 120.00 | 360 |
| Air Deshastor Cleaning & Weshing System | TN | 2 | 5 35 | 504.10 | 2 605 | 0.00 | 0 | 120.00 | 642 |
| Dining Man Lindor 4" - Stool | TN | 1 | 85.05 | 504.10 | 33 244 | 0.00 | 0 | 120.00 | 7 914 |
| Piphig, VIVS Univer 4 + Sucer | TN | 1 | 30.45 | 242.40 | 0.513 | 0.00 | 0 | 120.00 | 3.854 |
| Piping, VIVS 4 10 0 - Subst | | | 15 50 | 312.40 | 2,010 | 0.00 | 0 | 120.00 | 1 880 |
| Piping, Vivs Over o' - Steel | CV | | 8.24 | 234.30 | 5,032 | 0.00 | 200 | 120.00 | 1,000 |
| Piping Insulation | UT | | 0.34 | 71.00 | E 244 927 | 25.00 | 106 890 | 0.00 | 2 044 207 |
| Subiotal | • | | | Í | 0,241,827 | | 100,009 | | 2,944,397 |
| Roller Plant Auviliaries | | | | l . | | | | | |
| Exactivator System | | | | | | | | | |
| tt i ou Pressure Feerbuster Hester - Steel | TN | 2 | 123.40 | 224 30 | 28 013 | 0.00 | 0 | 120.00 | 14 808 |
| #21 ou Proceuro Faartwater Heater - Steel | TN | 2 | 87.80 | 234 30 | 20,010 | 0.00 | 0 | 120.00 | 10 536 |
| W2 LOW T I COSCIE T COGWARD T I CALE - O ICO | | - | 07.001 | 204.00 | 20,012 | 0.00 | υ, | 120.00 | 10,000 |

| | | Number | | Removal | Total | Disposal | | Salvage | 1 |
|---|---------|--------|----------|----------|----------|----------|----------|-------------|---------|
| | | of | Total | Cost per | Removal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| #3 Low Pressure Feedwater Heater - Steel | TN | 1 | 83.60 | 234.30 | 19,587 | 0.00 | 0 | 120,00 | 10,032 |
| #4 Low Pressure Feedwater Heater - Steel | TN | 1 | 85.60 | 234.30 | 20,056 | 0.00 | 0 | 120.00 | 10,272 |
| #5 Low Pressure Feedwater Heater - Steel | TN | 1 | 107.30 | 234.30 | 25,140 | 0.00 | 0 | 120.00 | 12,876 |
| #6 High Pressure Feedwater Heater - Steel | TN | 2 | 192.60 | 234.30 | 45,126 | 0.00 | 0 | 120.00 | 23,112 |
| #7 High Pressure Feedwater Heater - Steel | TN | 2 | 214.00 | 234.30 | 50,140 | 0.00 | 0 | 120.00 | 25,680 |
| Condensate Recovery Drain Cooler - Steel | TN | 1 | 2.00 | 504.10 | 1,008 | 0.00 | 0 | 120.00 | 240 |
| Condensate Recovery Vent Condenser - Steel | TN | 1 | 2.50 | 312.40 | 781 | 0.00 | 0 | 120.00 | 300 |
| Boiler Feed Pump | TN | 2 | 57.90 | 234,30 | 13,566 | 0.00 | 0 | 120.00 | 6,948 |
| Boiler Feed Pump Motor | TN | 2 | 52.10 | 234.30 | 12,207 | 0.00 | 0 | 120.00 | 6.252 |
| Boiler Feed Pump Lube Oil Reservoir - Steel | TN | 2 | 10.80 | 312.40 | 3,374 | 0.00 | 0 | 120.00 | 1,296 |
| Boiler Feed Pump Lube Oil Batch Tank - Steel | TN | 1 | 3.86 | 312.40 | 1,206 | 0.00 | 0 | 120.00 | 463 |
| Boiler Feed Pump Lube Oil Conditioning Tank | TN | 1 | 2.00 | 504.10 | 1,008 | 0.00 | 0 | 120.00 | 240 |
| Heater Drain Pump/ Motor | TN | 2 | 23.80 | 312.40 | 7,435 | 0.00 | 0 | 120.00 | 2,856 |
| Heater Drain Pump Strainer - Steel | TN | 2 | 4.00 | 504.10 | 2.016 | 0.00 | 0 | 120.00 | 480 |
| Heater Drain Pmp/ Mtr Foundation - Reinf Conc | CY | 1 | 20.00 | 91.20 | 1.824 | 144.00 | 2,880 | 0.00 | |
| Condensate Storage Tank - 400,000 gal | TN | 1 | 96.00 | 234.30 | 22,493 | 0.00 | _, | 120.00 | 11 520 |
| Condensate Strg Tank Foundation - Reinf Conc | CY | 1 | 420.00 | 91.20 | 38,304 | 144.00 | 60 480 | 0.00 | 11,020 |
| Condensate Recovery Tank - Steel | TN | 1 | 18.69 | 312.40 | 5.840 | 0.00 | 00,700 | 120.00 | 2 243 |
| Condensate Rovry Tank Foundation - Reinf Conc | CY | 1 | 32.00 | 91.20 | 2,918 | 144.00 | 4 608 | 0.00 | 2,240 |
| Condensate Recovery Flash Tank - Steel | TN | 1 | 2.82 | 312.40 | 881 | 0.00 | -, | 120.00 | 330 |
| Blowdown Tank - Steet | 1TN | 1 | 12.65 | 312.40 | 3 952 | 0.00 | 0 | 120.00 | 1 519 |
| Blowdown Tank Silencer - Steel | TN | 1 | 2.84 | 312.40 | 887 | 0.00 | 0 | 120.00 | 341 |
| Blowdown Tank Foundation - Reinf Concrete | CY | 1 | 20.00 | 91.20 | 1 824 | 144.00 | 2 880 | 0.00 | |
| Boiler Blowdown Heat Exchanger - Steel | TN | 1 | 3.90 | 312.40 | 1 218 | 0.00 | 2,000 | 120.00 | 488 |
| System Piping, Vivs Under 4" - Steel | TN | 1 | 102 10 | 504.10 | 51 469 | 0.00 | 0 | 120.00 | 12 252 |
| System Piping, Vivs 4" to 8" - Steel | TN | 1 | 88.04 | 312.40 | 27 505 | 0.00 | ů | 120.00 | 10 565 |
| System Piping, Vivs Over 8" - Steel | TN | 1 | 52.95 | 234.30 | 12 405 | 0.00 | ů | 120.00 | 6 354 |
| System Insulation | CY | 1 | 70.12 | 71.00 | 4 979 | 25.00 | 1 753 | 0.00 | 0,354 |
| Subtotal | | | | | 428,636 | | 72 601 | 0.00 | 171 991 |
| | | | | | | | 12,001 | | |
| Closed Cooling Water System Equipment | | | | | | | | | |
| Cooling Water Pump w/ 300 hp motor | TN | 2 | 13.68 | 312.40 | 4.274 | 0.00 | 0 | 120.00 | 1 642 |
| Cooling Water Pump Strainer (20") - Iron | TN | 2 | 5.33 | 312.40 | 1.665 | 0.00 | ő | 120.00 | 640 |
| Cooling Water Heat Exchanger - Steel | TN | 2 | 96.00 | 234.30 | 22,493 | 0.00 | o | 120.00 | 11 520 |
| Pmp/mtr, Heat Exchanger Fndtions - Reinf Conc | CY | 1 | 91.00 | 91.20 | 8.299 | 144.00 | 13,104 | 0.00 | 0 |
| Cooling Water Surge Tank - Steel | TN - | 1 | 4.01 | 312.40 | 1.253 | 0.00 | 0 | 120.00 | 481 |
| Subtotal | | | | | 37,984 | | 13 104 | 120.00 | 14 283 |
| | | | | | | | | | 14,200 |
| Boiler Plant Piping - All Systems | | | | | | | | | |
| Piping, Vivs Under 4" - Steel | TN | 1 | 658.89 | 504.10 | 332,146 | 0.00 | o | 120.00 | 79.067 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 448.78 | 312.40 | 140.197 | 0.00 | õ | 120.00 | 53 853 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 2,120,18 | 234.30 | 496.758 | 0.00 | 0 | 120.00 | 254 422 |
| Copper Tubing | TN | 1 | 19,25 | 504.10 | 9,702 | 0.00 | ŏ | 5 000 00 | 06 220 |
| Steel Tubing | TN | 1 | 1.57 | 504.10 | 789 | 0.00 | ő | 120.00 | 188 |
| Piping Insulation | CY | 1 | 253.64 | 71.00 | 18 009 | 25.00 | 6 341 | 0.00 | 100 |
| Subtotal | | | | | 997,602 | | 6.341 | 0.00 | 483 759 |
| | | | | | | | -,-,- | | |
| nduced Draft Equipment | | | | | | | | | |
| Induced Draft Fan | TN | 4 | 422.80 | 234.30 | 99,062 | 0.00 | 0 | 120.00 | 50,736 |
| Induced Draft Fan Motor - 4,500 hp | TN | 4 | 132.00 | 234.30 | 30,928 | 0.00 | 0 | 120.00 | 15,840 |
| Induced Draft Fan Hydraulic Coupling | TN | 4 | 120.00 | 234.30 | 28,116 | 0.00 | 0 | 120.00 | 14,400 |
| ID Fans/ Motors Foundation - Reinf Concrete | CY | 1 | 2,304.00 | 91.20 | 210,125 | 144.00 | 331,776 | 0.00 | 0 |

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| | | Number | | Removal | Total | Disnosal | | Salvage | 1 |
|--|---------|--------|-----------|----------|------------|----------|-----------|-------------|-----------|
| | | of | Total | Cost per | Removal | Cost ner | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Satvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per item | Measure | Cost | Measure | Value |
| I/D Fan Hoist - 20 Ton | TN | 1 | 4 20 | 312 40 | 1.312 | 0.00 | 0 | 120.00 | 504 |
| Dust Collector, Vibrating System, Outlet Duct | TN | 1 | 1.025.00 | 312.40 | 320,210 | 0.00 | 0 | 120.00 | 123,000 |
| Stack Breeching Foundation - Reinf Concrete | CY | 1 | 641.00 | 91.20 | 58,459 | 144.00 | 92,304 | 0.00 | 0 |
| Ductwork - Steel (70.395 sf x 1/4") | TN | 1 | 718.03 | 312.40 | 224,314 | 0.00 | . 0 | 120.00 | 86,164 |
| Ash Pits - Reinforced Concrete | CY | 1 | 68.00 | 91.20 | 6,202 | 144.00 | 9,792 | 0.00 | 0 |
| Ash Water Pump w/ 40 hp motor | TN | 2 | 4.70 | 312.40 | 1,468 | 0.00 | 0 | 120.00 | 564 |
| Stack Foundation - Reinforced Concrete | CY | 1 | 10,141.00 | 91.20 | 924,859 | 144.00 | 1,460,304 | 0.00 | 0 |
| Stack - Reinforced Concrete | CY | 1 | 7,702.00 | 91.20 | 702,422 | 144.00 | 1,109,088 | 0.00 | 0 |
| Stack Lining - Concrete Brick | CY | 1 | 7,521.60 | 36.48 | 274,388 | 144.00 | 1,083,110 | 0.00 | 0 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 2.63 | 504.10 | 1,323 | 0.00 | 0 | 120.00 | 315 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 2.93 | 312.40 | 916 | 0.00 | 0 | 120.00 | 352 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 128.26 | 234.30 | 30,051 | 0.00 | 0 | 120.00 | 15,391 |
| Insulation | CY | 1 | 18.37 | 71.00 | 1,304 | 25.00 | 459 | 0.00 | 0 |
| Subtotal | | | | | 2,915,460 | | 4,086,834 | | 307,266 |
| Miscellaneous Equipment & Steel | TN | 1 | 360.94 | 504.10 | 181,950 | 0.00 | 0 | 120.00 | 43,313 |
| Total Account 312 | | | | | 11,844,050 | | 4,927,772 | | 4,280,734 |
| | | | | | | | | | |
| FERC ACCOUNT 314 | | | | | | | | | l l |
| Country Countr | | | | | | | | | |
| Foundations Tractice Dedextal Deinformed Communic | ~~~ | | 5 4 47 00 | 04.20 | 400 400 | 444.00 | 744 400 | 0.00 | |
| Turbine Pedestal - Keinforced Concrete | Ç, | 1 | 5,147.00 | 91.20 | 409,400 | 144.00 | 741,100 | 0.00 | |
| Subada | | | | | 409,400 | | 741,100 | | v |
|] Turboganarator Equipment | | | | | | | | | |
| Turbine Conomics | TN | 4 | 1 267 60 | 177 50 | 242 765 | 0.00 | n | 120.00 | 164 123 |
| Main Luthe Oil Rump w/ motor | TN | 1 | 6.00 | 312.40 | 1 874 | 0.00 | n N | 120.00 | 720 |
| Aux Lube Oil Purm w/ motor | TN | i | 4.00 | 312.40 | 1 250 | 0.00 | n. | 120.00 | 480 |
| Turbine Cooper | TN | 1 | 124 00 | 695.80 | 86,279 | 0.00 | 0 | 5.000.00 | 620.000 |
| Lube Oil Conditioning Tank - Steel | TN | 1 | 6.54 | 312.40 | 2.043 | 0.00 | 0 | 120.00 | 785 |
| Lube Oil Batch Tank - 15,000 cal | TN | 1 | 24.40 | 234.30 | 5.717 | 0.00 | 0 | 120.00 | 2.928 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 26.78 | 504.10 | 13.500 | 0.00 | 0 | 120.00 | 3.214 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 11.61 | 312,40 | 3.626 | 0.00 | 0 | 120.00 | 1,393 |
| Subtotal | | | | | 357,054 | | 0 | | 793,642 |
| Condenser and Auxiliaries | | | | | | | | | |
| Condenser Shell - Steel | TN | 1 | 848.48 | 234.30 | 198,799 | 0.00 | 0 | 0.00 | 0 |
| Condenser Tubes - Aluminum-Brass | TN | 1 | 867.87 | 504.10 | 437,493 | 0.00 | 0 | 2.800.00 | 2.430.036 |
| Condenser Tubes - Cupro Nickel | TN | 1 | 30,28 | 504.10 | 15,262 | 0.00 | 0 | 4,000.00 | 121,104 |
| Condenser Foundation - Reinforced Concrete | CY | 1 | 264.00 | 91.20 | 24,077 | 144.00 | 38,016 | 0.00 | 0 |
| Condensate Pump w/ 2,250 hp motor | TN | 2 | 58.84 | 234.30 | 13,786 | 0.00 | 0 | 120.00 | 7,061 |
| Condensate Pump Strainer/ Baskets (30") -Iron | TN | 2 | 7.40 | 312.40 | 2,312 | 0.00 | 0 | 120.00 | 888 |
| Circ Water Priming Vacuum Pump/Motors/Tank | TN | 1 | 5.70 | 312.40 | 1,781 | 0.00 | 0 | 120.00 | 684 |
| Hogging Ejector, Other Ejecs, Assoc Eqpmnt | TN | 1 | 18.00 | 312.40 | 5,623 | 0,00 | 0 | 120.00 | 2,160 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 19.58 | 504.10 | 9,868 | 0.00 | 0 | 120.00 | 2,349 |
| Piping, Vivs 4* to 8" - Steel | TN . | 1 | 10.80 | 312.40 | 3,373 | 0.00 | 0 | 120.00 | 1,296 |
| Piping, Vivs Over 8* - Steel | TN | 1 | 16.12 | 234.30 | 3,777 | 0.00 | 0 | 120.00 | 1,935 |
| System Insulation | CY | 1 | 17.13 | 71.00 | 1,216 | 25.00 | 428 | 0.00 | 0 |
| Subtotal | | | | | 717,369 | | 38,444 | | 2,567,512 |
| Circulating Water System | | | | | | | | | |

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| | | Number | | Removal | Total | Disposal | | Salvage | I |
|--|------------|--------|----------|------------------|-----------|----------|-----------|-------------|-----------|
| | | of | Total | Cost per | Removal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Сотро- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| Pump - 100,000 gpm | TN | 4 | 332.00 | 234.30 | 77,788 | 0.00 | 0 | 120.00 | 39,840 |
| Pump Motor - 1,000 hp | TN | 4 | 96.80 | 234.30 | 22,680 | 0.00 | 0 | 120.00 | 11,616 |
| Subtotal | | | | | 100,468 | | 0 | | 51,456 |
| Miscellaneous Equipment & Steel | TN | 1 | 62,28 | 504.10 | 31,395 | 0.00 | 0 | 120.00 | 7,474 |
| Total Account 314 | | | | | 1,675,693 | | 779,612 | | 3,420,084 |
| FERC Account 315 | | | | | | | | | |
| Accessory Electrical Equipment | | | | | | | | | |
| Generator Leads & Supports | | | 1 | | | | | | |
| Foundations - Reinforced Concrete | CY | 1 | 1.804.00 | 91.20 | 164,525 | 144 00 | 259 776 | 0.00 | 0 |
| Generator Leads Enclosures/ Supports - Steel | TN | 1 | 64.00 | 312.40 | 19.994 | 0.00 | 0 | 120.00 | 7 680 |
| Subtotal | | | | | 184,518 | | 259,776 | | 7,680 |
| Power Conversion Equipment | | | | | | | | | |
| 6900V Metal-clad Switchgear | TN | 2 | 384 40 | 504 10 | 103 776 | 0.00 | 0 | 120.00 | 48 4 29 |
| 6900V Non-segregated Phase Bus | TN | 1 | 38.65 | 504.10 | 19 481 | 0.00 | 0 | 5 000 00 | 40,120 |
| 6900V Non-segregated Phase Bus - Struc Steel | TN | 1 | 7.50 | 234 30 | 1 757 | 0.00 | 0 | 120.00 | 193,230 |
| 480V Metal-clad Switchgear | TN | 1 | 82.20 | 504 10 | A1 A37 | 0.00 | 0 | 120.00 | 0.08 |
| 480V Load Control Center - 1.000 kva | TN | 2 | 10 40 | 504.10 | 5 242 | 0.00 | 0 | 120.00 | 8,004 |
| 480V Load Control Center - 1.500 kva | TN | Ā | 26.00 | 504.10 | 13 107 | 0.00 | 0 | 120,00 | 1,240 |
| 480V Motor Control Center (9 @ >1 ton each) | | 1 | 58.20 | 504.10 | 20 220 | 0.00 | 0 | 120.00 | 3,120 |
| Auxiliary Power Transformer | TN | i | 98.10 | 504.10 | 40 462 | 0.00 | 0 | 120.00 | 0,904 |
| Station Service Transformer | TN | - | 15 60 | 504.10 | 49,432 | 0.00 | U | 120.00 | 11,//2 |
| Transformer Conner | TN | - | 25.64 | 504.10 625.40 | 1,004 | 0.00 | 0 | 120.00 | 1,8/2 |
| Xfmr/Swor Foundations/ Curbs - Reinf Conc | CY | - | 927.00 | 525.40 | 13,47 1 | 0.00 | 400 500 | 5,000.00 | 128,200 |
| Manholes & Handholes - Reinforced Concrete | CY | | 1 594 00 | 81.20 | 144 464 | 144.00 | 120,526 | 0.00 | ů l |
| Generator Isolated Phase Bus | ты | 1 | 75 84 | 504 10 | 144,401 | 144.00 | 220,080 | 0.00 | 070 400 |
| Generator Isolated Phase Bus - Store Steel | TN | 1 | 19.04 | 224.20 | 30,228 | 0.00 | 0 | 5,000.00 | 3/9,180 |
| Neutral Grounding Transformer | TN | 2 | 24.00 | 204.00 | 4,217 | 0.00 | 0 | 120.00 | 2,160 |
| Transformer Neutral Crounding System Foot | TN TN | 3 | 24.00 | 504.10 | 12,098 | 0.00 | 0 | 120.00 | 2,880 |
| Current Transformer | | 5 | 7.00 | 504.10 | 3,781 | 0.00 | 0 | 120.00 | 900 |
| 125/DC Load Control Center | 114 TAI | 1 | 7.00 | 504.10 | 0,049] | 0.00 | U | 120.00 | 1,440 |
| 26 lan Cubanz Static Investor | | | 7.00 | 504.10 | 3,529 | 0.00 | U | 120.00 | 840 |
| 25 Iora Unistamentible Boues Superky (UDS) | IN | 2 | 4.00 | 504.10 | 2,016 | 0.00 | 0 | 120.00 | 480 |
| Batten: Unit - 125VDC 60.Coll | The state | | 2.00 | 504.10 | 1,008 | 0.00 | 0 | 120.00 | 240 |
| Batteny Charrier | | 1 | 21.00 | 504.10 | 10,586 | 0.00 | 0 | 120.00 | 2,520 |
| Main Baller Turbing Consults Control Brood | IN | 3 | 6,30 | 504.10 | 3,176 | 0.00 | 0 | 120.00 | 756 |
| Main Boiler-Turbine Centerator Control Board | | 1 | 51.16 | 504.10 | 25,790 | 0.00 | 0 | 120.00 | 6,139 |
| Rue Current Topoformee | IN | 1 | 17.60 | 504.10 | 8,872 | 0.00 | 0 | 120.00 | 2,112 |
| | IN | 3 | 6.00 | 504.10 | 3,025 | 0.00 | 0 | 120.00 | 720 |
| Folenual transformer | IN | 1 | 4.50 | 504.10 | 2,268 | 0.00 | 0 | 120.00 | 540 |
| Conduit (undersonand) State | IN | 1 | 12.00 | 504.10 | 6,049 | 0.00 | 0 | 120.00 | 1,440 |
| Conduit (Underground) - PVC | TN | 1 | 246.15 | 426.00 | 104,862 | 0.00 | 0 | 120.00 | 29,539 |
| Conduit (exposed) - Steel | TN | 1 | 374.94 | 504.10 | 189,007 | 0.00 | 0 | 120.00 | 44,993 |
| Conduit Supports - Reinforced Concrete | CY | 1 | 7,579.00 | 91.20 | 691,205 | 144.00 | 1,091,376 | 0.00 | 0 |
| Cable Tray - Steel | TN . | 1 | 96.76 | 504.10 | 48,776 | 0.00 | 0 | 120.00 | 11,611 |
| Power and Control Winng - Insulated Copper | TN | 1 | 581.18 | 852.00 | 495,167 | 0.00 | 0 | 2,100.00 | 1,220,481 |
| Grounding wire - Bare Copper | TN | 1 | 27.13 | 852.00 | 23,116 | 0.00 | 0 | 5,000.00 | 135,655 |
| Subtotal | | | | | 2,278,549 | | 1,440,000 | | 2,247,949 |
| Total Account 315 | | | | | 2,463,068 | | 1,699,776 | | 2,255,629 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per item | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------|--|---------------------------|
| FERC Account 316 | | | | | | | | | |
| Miscellaneous Power Plant Equipment | | | | | | | | | |
| Compressed Air Pining, Vivs Under 4" - Steel | TN | 1 | 128.62 | 504 10 | BA 835 | 0.00 | 0 | 120.00 | 15 434 |
| Compressed Air Pining, Was direct 4 - Orect | TN | ÷ | 5.00 | 342.40 | 1 501 | 0.00 | 0 | 120.00 | 811 |
| Nitronen Purne Pining, Vivs Under 4" - Steel | TN | ÷ | 141 38 | 504 10 | 71 282 | 0.00 | 0 | 120.00 | 16 064 |
| Total Account 316 | | • | 141.30 | 304.10 | 137,688 | 0.00 | 0 | 120.00 | 33,009 |
| TOTAL MANATEE UNITS 1 & 2 | | | | | 23,006,691 | | 11,057,417 | | 10,277,282 |
| MANATEE FUEL OIL STORAGE FACILITY | | | | | | | | | |
| FERC Account 311 | | | | | | | | | |
| Improvements to Site | | | | | | | | | |
| Port Manatee Unloading Facility | | | | | | | | | |
| 30" Buried Piping to Storage Facility | TN | 1 | 3,133,82 | 426.00 | 1.335.007 | 0.00 | 0 | 0.00 | o |
| Pre-cast Pipe Clamps/ Supports - Concrete | CY | 1 | 1.694.55 | 36.48 | 61.817 | 144.00 | 244.015 | 0.00 | 0 |
| Valve Pits - Reinforced Concrete | CY | 1 | 94.43 | 91.20 | 8,612 | 144.00 | 13 598 | 0.00 | ō |
| Subtotal | | | 01140 | 01120 | 1,405,437 | 1-1.00 | 257,613 | 0.00 | 0 |
| Manatee Fuel Oil Storage Facility | | | | | | | | | 1 |
| Asphalt Paving | CY | 1 | 609.54 | 36.48 | 22,236 | 144.00 | 87,774 | 0.00 | 0 |
| Septic Tank System - Concrete | TN | 1 | 2.00 | 349.60 | 699 | 0.00 | 0 | 0.00 | 0 |
| Surge Basin - Reinforced Concrete | CY | 1 | 59.82 | 91.20 | 5,456 | 144.00 | 8,614 | 0.00 | 0 |
| Collection Sumps - Steel (total) | TN | 1 | 12.31 | 312.40 | 3,846 | 0.00 | 0 | 120.00 | 1,477 |
| Collection Sumps Foundations - Reinf Concrete | CY | 1 | 30.46 | 91.20 | 2,778 | 144.00 | 4,386 | 0.00 | 0 |
| Fuel Oil Purge Tank Foundation - Reinf Conc | CY | 1 | 802.77 | 91.20 | 73,213 | 144.00 | 115,599 | 0.00 | 0 |
| Sump Tanks - Steel (total) | TN | 1 | 4.70 | 312.40 | 1,468 | 0.00 | 0 | 120.00 | 564 |
| Yard Platforms, Walkways & Ladders - Steel | TN | 1 | 26.00 | 312.40 | 8,122 | 0.00 | 0 | 120.00 | 3,120 |
| Firemain Piping (4" & 12") & Hydrants - Steel | TN | 1 | 28.00 | 426.00 | 11,928 | 0.00 | 0 | 120,00 | 3,360 |
| Oily Waste Separator, Pump, Motor - Steel | TN | 1 | 6.80 | 312.40 | 2,124 | 0.00 | 0 | 120.00 | 816 |
| Diesel-driven Firepump/ Motor | TN | 1 | 1.20 | 312.40 | 375 | 0.00 | 0 | 120.00 | 144 |
| Motor-driven Firepump/ Motor | TN | 1 | 1.00 | 504.10 | 504 | 0.00 | 0 | 120.00 | 120 |
| 500,000 bbl F/O Storage Tank & Mixers - Steel | TN | 4 | 5,619.00 | n/a | 204,544 | 0.00 | 0 | 120.00 | 674,280 |
| Fuel Oil Tank Foundation | EA | 1 | n/a | n/a | . 0 | n/a | 51,700 | 0.00 | 0 |
| Fuel Oil Purge Tank - 37,000 bbl | TN - | 1 | 142,50 | n/a | 34,090 | 0.00 | 0 | 120.00 | 17,100 |
| Fuel Oil Purge Tank - 37,000 bbl - Cleaning | EA | 1 | n/a | n/a | . 0 | n/a | 350.000 | 0.00 | o |
| Fuel Oil Purge Tank - 37,000 bbl - Soil remediation | EA | 1 | n/a | n/a | 0 | n∕a | 19.592 | 0.00 | o |
| Diesel Fuel Tank - TMT 1254 HTRS | TN | 1 | 24.50 | n/a | 6.818 | n/a | 0 | 120.00 | 2.940 |
| Diesel Fuel Tank Foundation - Reinf Concrete | CY | 1 | 177.77 | n/a | 26.825 | n√a | ō | 0.00 | 0 |
| Diesel Fuel Tank - Cleaning Cost and Soit Remediation | | 1 | n/a | n/a | 0 | n/a | 15,459 | 0.00 | ō |
| 500,000 bbl F/O Storage Tank Insulation | CY | 4 | 2,720.00 | 71.00 | 193.120 | 25.00 | 68.000 | 0.00 | ő |
| 500.000 bbl Tank Ladder & Platform - Steel | TN | 4 | 11.40 | 312.40 | 3.561 | 0.00 | 0 | 120.00 | 1 368 |
| Fuel Oil Tank Cleaning | EA | 4 | n/a | r/a | 0 | л/а | 3 800 000 | 0.00 | |
| 500,000 bbl Tank - Soil Remediation | EA | 4 | 9,785.52 | n/a | o | 0.00 | 836,808 | 0.00 | ő |
| Fuel Oil Heating Boiler - Steel | TN | 2 | 36.77 | 234.30 | 8,615 | 0.00 | 0 | 120.00 | 4,412 |
| Fuel Oil Heat Exchanger - Steel | TN | 2 | 10.90 | 312.40 | 3,405 | 0.00 | 0 | 120.00 | 1.308 |
| Fuel Mainline Pump w/ 300 hp motor | TN | 3 | 7.33 | 312.40 | 2.289 | 0.00 | 0 | 120.00 | 879 |
| Fuel Mainline Pump Strainer - Iron | TN | 3 | 3.06 | 312.40 | 956 | 0.00 | 0 | 120.00 | 367 |
| Mainline Pmp/ Mtr/ Stmr Fndtion - Reinf Conc | CY | 1 | 80.07 | 91.20 | 7,302 | 144.00 | 11,530 | 0.00 | 0 |
| Fuel Oil Booster Pump w/ Motor | TN | 2 | 2.42 | 312.40 | 756 | 0.00 | 0 | 120.00 | 290 |
| Fuel Oil Booster Pump Strainer - Iron | TN | 2 | 4.35 | 312.40 | 1,358 | 0.00 | 0 | 120.00 | 522 |

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| | | Number | | Removal | Total | Disposal | | Satvage | 1 |
|---|---------|--------|----------|----------|------------|----------|------------|-------------|------------|
| | | of | Total | Cost per | Removal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| Pipeline Strainer (24") - Iron | TN | 1 | 1.90 | 312.40 | 594 | 0,00 | 0 | 120.00 | 228 |
| Pipeline Strainer (20*) - Iron | TN | 1 | 1.65 | 312.40 | 515 | 0.00 | 0 | 120.00 | 198 |
| 16" Piping, Vivs to Martin Plant - Steel | TN | 1 | 3,117.58 | 426.00 | 1,328,089 | 0.00 | 0 | 120.00 | 374,110 |
| 16" Pipeline Clamps - Steel | TN | 1 | 8.76 | 504.10 | 4,416 | 0.00 | 0 | 120.00 | 1,051 |
| Yard Piping, Vivs Over 8" - Steel | TN | 1 | 356.11 | 234.30 | 83,438 | 0.00 | 0 | 120.00 | 42,734 |
| Yard Piping Supports - Steel | TN | 1 | 10.00 | 234.30 | 2,343 | 0.00 | 0 | 120.00 | 1,200 |
| Yard Piping Supports - Reinforced Concrete | CY | 1 | 60,00 | 91.20 | 5,472 | 144,00 | 8,640 | 0.00 | 0 |
| Meter Prover and Assoc Equipment - Steel | TN | 1 | 13.00 | 312.40 | 4,061 | 0.00 | 0 | 120.00 | 1,560 |
| Metering Installation - Steel | TN | 1 | 21.30 | 312.40 | 6,654 | 0.00 | 0 | 120.00 | 2,556 |
| Fuel Oil Purge Pump w/ motor | TN | 1 | 1.00 | 504.10 | 504 | 0.00 | 0 | 120.00 | 120 |
| Firepump Building - Concrete Block | CY | 1 | 34.54 | 36,48 | 1,260 | 144.00 | 4,974 | 0.00 | 0 |
| Firepump Building - Concrete Roofing | CY | 1 | 25.77 | 36.48 | 940 | 144.00 | 3,711 | 0.00 | 0 |
| Control Building - Concrete Block | CY | 1 | 150.08 | 36.48 | 5,475 | 144.00 | 21,612 | 0.00 | O |
| Control Building - Concrete Roofing | CY | 1 | 140.00 | 36.48 | 5,107 | 144.00 | 20,160 | 0.00 | 0 |
| Control Building - HVAC | TN | 1 | 1,50 | 312.40 | 469 | 0.00 | 0 | 120.00 | 180 |
| Building Foundations - Reinforced Concrete | CY | 1 | 183.18 | 91.20 | 16,706 | 144.00 | 26,378 | 0.00 | 0 |
| Subtotal | | | | | 2,092,432 | | 5,454,936 | | 1.137.005 |
| | | | | | | | | 1 | |
| Total Account 311 | | | | | 3,497,869 | | 5,712,549 | | 1,137,005 |
| | | | | | | | | 1 | |
| FERC Account 315 | | | | | | | | 1 | |
| Accessory Electrical Equipment | | | | | | | | 1 | |
| Manatee Fuel Oil Storage Facility | | | | | | | | 1 | |
| Aux Power Transformer - 3750 kva | TN | 1 | 11.00 | 504.10 | 5,545 | 0.00 | 0 | 120.00 | 1,320 |
| Transformer - 500 kva | TN | 1 | 1.40 | 504.10 | 703 | 0,00 | 0 | 120.00 | 167 |
| 480V Motor Control Cntr/ 2400V Swgr Structure | ŤN | 1 | 20.00 | 504.10 | 10,082 | 0.00 | 0 | 120.00 | 2,400 |
| Mtr Cntrl Cntr/ Switchgear Fndtn - Reinf Conc | CY | 1 | 15.00 | 91.20 | 1,368 | 144.00 | 2,160 | 0.00 | 0 |
| Emergency Diesel Generator & Assoc Equipment | TN | 1 | 2.65 | 312.40 | 828 | 0.00 | 0 | 120.00 | 318 |
| Neutral Grounding Transformer | TN | 1 | 3.00 | 504.10 | 1,512 | 0.00 | 0 | 120.00 | 360 |
| Transformer Copper | TN | 1 | 6.16 | 525.40 | 3,235 | 0.00 | 0 | 5,000.00 | 30,790 |
| Conduit - Steel | TN | 1 | 264.00 | 504.10 | 133,082 | 0.00 | 0 | 120.00 | 31,680 |
| Cable Trays - Steel | TN | 1 | 9.24 | 504.10 | 4,658 | 0.00 | 0 | 120.00 | 1,109 |
| Insulated Copper Wiring | TN | 1 | 16.47 | 852.00 | 14,032 | 0.00 | 0 | 2,100.00 | 34,587 |
| Bare Copper Wiring | TN | 1 | 54.70 | 852.00 | 46,604 | 0.00 | 0 | 5,000.00 | 273,500 |
| Supervisory Control Consoles (total) | TN | 1 | 8.00 | 504.10 | 4,033 | 0.00 | 0 | 120.00 | 960 |
| Total Account 315 | | | | | 225,684 | | 2,160 | 1 | 377,191 |
| | | | | | | | | 1 | |
| TOTAL MANATEE FUEL OIL STORAGE FACILITY | | | | | 3,723,552 | | 5,714,709 | 1 | 1,514,196 |
| | | | | | | | | l . | |
| TOTAL MANATEE COMMON, UNITS 1 & 2 AND | | | | | | | | l . | |
| FUEL OIL STORAGE FACILITY | | | | | 30,410,270 | | 21,322,204 | | 12,211,131 |
| | | | | | | | | | |
| Manatee Unit 3 | | | | | | | | | |
| Account 341: Structures and Improvements | | | | | | | | | |
| Lighting and Fire Protection Systems | | | | | | | | | |
| Yard Lighting | TN | 1 | 5.50 | 504.10 | 2,773 | 0.00 | ol | 120.00 | 660 |
| Plant Lighting | TN. | 1 | 2.00 | 504.10 | 1,008 | 0.00 | o | 120.00 | 240 |
| Fire Protection System Foundation | CY | 1,325 | 53.00 | 91.20 | 4,834 | 144.00 | 7,632 | 0.00 | 0 |
| Sanitary Sewer Piping Foundations | CY | 1,230 | 18.22 | 91.20 | 1,662 | 144.00 | 2,624 | 0.00 | ō |
| | | | | | 10,276 | | 10,256 | | 900 |
| | | 1 | | | | | | | |
| Power Block | | | | | | | | | |

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| | | | | | | | | | - |
|--|---------|--------|----------|-------------------|----------------|----------|----------|-------------|---------|
| | | Number | | Removal | Total | Disposal | _ | Salvage | _ |
| Demoval Diseased & Coheren | | of | Total | Cost per | Removal | Cost per | Total | Value | Total |
| Cost Workshoet | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Power Block - Structural Steel | TN | | _measure | Measure 224.20 | 244.600 | Measure | Lost | Measure | Value |
| Base Plates | TN | 1,044 | 80.00 | 234.30 | 244,009 | 0.00 | 0 | 120.00 | 123,200 |
| Power Block - Handrail, Toeblock Mise | TN | | 10.00 | 234.30 | 10,744 | 0.00 | 0 | 120.00 | 9,000 |
| Power Block - Decking | TN | 80.000 | 800.00 | 504.10 | 302 460 | 0.00 | 0 | 120.00 | 1,200 |
| Power Block - Ladders, Stairs & Platforms | TN | 100 | 100.00 | 504.10 | 50 410 | 0.00 | 0 | 120.00 | 12,000 |
| HRSG Structural/Ductwork | TN | | 840.20 | 312.40 | 262 479 | 0.00 | 0 | 120.00 | 100 924 |
| Power Block Grade Slab Concrete | CY | 2000 | 2 000 00 | 91.20 | 182 400 | 144.00 | 288.000 | 0.00 | 100,024 |
| Power Block Structure Foundation Concrete | CY | 2.500 | 2 500 00 | 91.20 | 228.000 | 144.00 | 360,000 | 0.00 | 0 |
| Power Block Elevated Slabs | CY | 1,000 | 1,000,00 | 91.20 | 91 200 | 144.00 | 144,000 | 0.00 | ő |
| HRSG Analyzer Building | CY | 500 | 200.00 | 91.20 | 18 240 | 144.00 | 28 800 | 0.00 | ů o |
| HRSG DCS Building | CY | 500 | 111.11 | 91.20 | 10 133 | 144.00 | 16,000 | 0.00 | 0 |
| - | | | | | 1,413,716 | | 836,800 | | 320,904 |
| Open Cooling Water System | | | | | | | | | |
| OCW System 2" & < - Pipe | TN | 450 | 0.68 | 312.40 | 211 | 0.00 | 0 | 120.00 | 81 |
| OCW System 2 1/2" & > - Pipe | TN | 1,500 | 82.50 | 234.30 | 19,330 | 0.00 | C | 120.00 | 9,900 |
| OCW Duplex Basket Strainers | TN | 4 | 0.60 | 312.40 | 187 | 0.00 | 0 | 120.00 | 72 |
| Open Cooling Water Pumps | TN | 4 | 47.20 | 234.30 | 11,059 | 0.00 | 0 | 120.00 | 5,664 |
| Open Cooling Water Booster Pumps | TN | 3 | 9.80 | 234.30 | 2,297 | 0.00 | 0 | 120.00 | 1,176 |
| | | | | | 33,084 | | 0 |] | 16,893 |
| Pond Water System | - | | | | | | | | |
| Pond Water System 2* & < - Pipe | TN | 330 | 0.50 | 312,40 | 155 | 0,00 | 0 | 120.00 | 59 |
| Pond Water System 2 1/2" & > - Pipe | TN | 1,225 | 6.13 | 234.30 | 1,435 | 0.00 | 0 | 120.00 | 735 |
| Pond Water Booster Pumps | TN | 2 | 6.54 | 234.30 | 1,531 | 0.00 | 0 | 120.00 | 784 |
| Water Treatment Suctor | | | | | -, | | - | | 1,010 |
| Service Water System 7 L < Disc | ты | 2.000 | 4.00 | 224.20 | 4 74 7 | | | | |
| Service Water System 2 1/2" \$ > . Dine | | 2,000 | 4.20 | 234.30 | 1,312 | 0.00 | 0 | 120.00 | 504 |
| Service Water Pumps | | 500 | 4.00 | 234.30 | 410 | 0.00 | 0 | 120.00 | 540 |
| HRSG Blowdown Tank Sumn | | 200 | 200.00 | 01 20 | 19 240 | 144.00 | 20 000 | 120.00 | 2/2 |
| Wastewater System 2" & < - Pine | TN | 1 230 | 200.00 | 312.40 | 10,240 | 144.00 | 20,000 | 120.00 | 0 |
| Power Block Drainage Pine Foundations | CY I | 4 290 | 63.58 | 36.48 | 2 310 | 144.00 | 0 153 | 120.00 | 221 |
| Wastewater System 2 1/2" $h > -$ Pine | TN | 15 600 | 234.00 | 234 30 | 54 928 | 0.00 | 0,102 | 120.00 | 20 000 |
| Sumo Pumps | ΤΝ . | 42 | 10 50 | 234.30 | 2 460 | 0.00 | 0 | 120.00 | 1 260 |
| Sump Pumps & Miscellaneous | TN | 12 | 3 00 | 234.30 | 2,400 | 0.00 | c c | 120.00 | 1,200 |
| Potable Water System | CY | 2.000 | 29.63 | 36 48 | 1 081 | 144.00 | 4 267 | 0.00 | 500 |
| Pipe Rack Drilled Piers - Concrete | CY | 450 | 450.00 | 91.20 | 41.040 | 144.00 | 64,800 | 0.00 | 0 |
| | | | | | 123,677 | | 107,019 | 0.00 | 31,238 |
| Account 341 Totals: | | | | | 1,583,874 | | 954,075 | | 371,514 |
| Account 342: Fuel Holders, Producers and Accessories | | | | | | | | | |
| Natural Gas System 2" & < _ Pine | TAL | 40 | 0.00 | 242.40 | | 0.77 | | 400 | |
| Gas Pining | TN | 2000 | 140.00 | 312.40 | 19 | 0.00 | 0 | 120.00 | 7 |
| Natural Gas System 2 1/2" & > , Pine | 111 | 2,000 | 110.00 | 312.40 | 34,364 | 0.00 | 0 | 120.00 | 13,200 |
| l inuid Evel System 2 1/2" & > _ Pine | | 2 500 | 21.00 | 234.30 | 0,443 0,700 | 0.00 | 0 | 120.00 | 3,300 |
| Account 342 Totals: | 1N | 2,300 | 37.30 | 234.30 | <u> </u> | 0.00 | 0 | 120.00 | 4,500 |
| | | | | | 48,012 | | U | | 21,007 |
| | | | | | | | | | |
| | | | | | | | | | |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per item | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------|--|---------------------------|
| Acount 343: Prime Movers | | | | | | | | | |
| HRSG Foundation | CY | 606 | 606.00 | 91.20 | 55,267 | 144.00 | 87.264 | 0.00 | 0 |
| HRSG Mechanical | TN | 4 | 635 20 | 177.50 | 112 748 | 0.00 | 0 | 120.00 | 76.224 |
| Mechanical Finishes - Casinos | TN | 1 | 66.45 | 234.30 | 15 569 | 0.00 | ő | 120.00 | 7 974 |
| Modules - Unit 3 | TN | | 9 402 60 | 177 50 | 1 668 062 | 0.00 | o o | 120.00 | 1 128 312 |
| HRSG Blowdown System 2 1/7 & > - Pine | TN | 7 800 | 28.00 | 234 30 | 6 580 | 0.00 | 0 | 120.00 | 3 360 |
| Electrical & Controls - Unit 3 | TN | 2 | 55.00 | 312.40 | 17 182 | 0.00 | o n | 120.00 | 6,600 |
| | | 2 | 55,00 | 512.40 | 1,876,288 | 0.00 | 87,264 | 120.00 | 1,222,470 |
| Feedwater System | | | | | | | | | |
| Feedwater System 2" & < - Pipe | TN | 3.000 | 4.50 | 312.40 | 1,406 | 0.00 | o | 120.00 | 540 |
| Feedwater System 2 1/2" & > - Pipe | TN | 2,500 | 87 50 | 312.40 | 27,335 | 0.00 | đ | 120.00 | 10.500 |
| HRSG HP Feedwater Pumps | TN | 3 | 55 80 | 312 40 | 17 432 | 0.00 | 0 | 120.00 | 6,696 |
| HRSG LP Feedwater Purnos | TN | 3 | 55.80 | 312.40 | 17.432 | 0.00 | ō | 120.00 | 6,696 |
| HRSG Feed Pump Foudations Concrete | CY | 450 | 450.00 | 91.20 | 41.040 | 144.00 | 64,600 | 0.00 | 0 |
| H P Feed Pumps - Insulation | CY | 1,200 | 13.33 | 71.00 | 947 | 25.00 | 333 | 0.00 | 0 |
| L P Feed Pumps - Insulation | CY | 500 | 5.56 | 71.00 | 394 | 25 00 | 139 | 0.00 | 0 |
| L/B Feedwater Piping - Insulation | CY | 2 547 | 99.05 | 71.00 | 7 033 | 25.00 | 2 476 | 0.00 | Ō |
| | | 2,017 | | | 113,018 | 20.00 | 67,748 | 0,00 | 24,432 |
| Combustion Turbine | | | | | | | | | 1 |
| Combustion Turbine Fdn Mat Concrete | CY | 1 | 1,300.00 | 91,20 | 118,560 | 144.00 | 187,200 | 0.00 | 0 |
| Condensate Pump Casings | TN | 4 | 4.00 | 234.30 | 937 | 0.00 | 0 | 120.00 | 480 |
| Misc. Mechanical Equipment Fdn Concrete | CY | 1 | 300,00 | 91.20 | 27,360 | 144.00 | 43,200 | 0.00 | 0 |
| CT Equipment Fdn Concrete Pads | CY | 1 | 450.00 | 91.20 | 41,040 | 144.00 | 64,800 | 0.00 | 0 |
| C.T. 3 Combustion Turbine | TN | 4 | 400.00 | 177.50 | 71,000 | 0.00 | 0 | 120,00 | 48,000 |
| CT 3 Insulation | CY | 1 | 180.00 | 71.00 | 12,780 | 25.00 | 4,500 | 0.00 | 0 |
| C.T. Interconnect Pipe 1 1/2" & > | TN | 1 | 210.00 | 234.30 | 49,203 | 0.00 | 0 | 120.00 | 25,200 |
| C.T. Interconnect Pipe 1 1/2" & < | TN | 1 | 9.50 | 234.30 | 2,226 | 0.00 | 0 | 120.00 | 1,140 |
| | | | | | 323,100 | | 255,700 | • | 14,020 |
| Main Steam System | | | | | | | _ | | |
| Main Steam System 2 1/2" & > Pipe | IN | 7,500 | 1,687.50 | 234.30 | 395,381 | 0.00 | 0 | 120.00 | 202,500 |
| L/B Main Steam Piping - Insulation | CY | 5,600 | 217.78 | 71.00 | 15,462 | 25.00 | 5,444 | 0.00 | 0 |
| Aux Boiler System 2" & < - Pipe | TN - | 1,000 | 1,50 | 312.40 | 469 | 0.00 | 0 | 120.00 | 180 |
| Aux Boiler System 2 1/2" & > - Pipe | TN | 400 | 6.00 | 234.30 | 1,406 | 0.00 | 0 | 120.00 | 720 |
| L/B Auxiliary Boiler Piping - Insulation | CY | 900 | 15.00 | 71.00 | 1,065 | 25.00 | 375 | 0.00 | 0 |
| L/B Piping - Insulation | CY | 450 | 7.50 | 71.00 | 533 414,315 | 25.00 | <u>188</u> 6.007 | 0.00 | 203,400 |
| | | | | | | | | | |
| DIOWUOWII OYSICIII | | 0.00 | 4 | 340.40 | | 6.55 | - | 400 00 | |
| UCCO Discussion Testes | | 300 | 1.35 | 312.40 | 422 | 0.00 | υ | 120.00 | 162 |
| Inkale Diawoowin Lanks | IN | 4 | 9.48 | 234,30 | 2,221 | 0.00 | 0 | 120,00 | 1,138 |
| Man Steam Urain Lanks | IN | 4 | 5.75 | 234.30 | 1,347 | 0.00 | 0 | 120.00 | 690 |
| Cheve Drain Tester (contestion) | CY | 600 | 6.67 | 71.00 | 473 | 25.00 | 167 | 0.00 | 0 |
| Steam train tanks - institution | UY . | 1,200 | 13.33 | 71.00 | 947 | 25.00 | 333 | 0.00 | 0 |
| Imeunamual "Mishes - Insulation | Cr | 2 | 100.00 | 71,00 | | 25.00 | 2,500 | 0.00 | 1,990 |
| Steam Turbian | | | | | | | , | | |
| Steam Turbines - Insulation | CY | 1,080 | 12.00 | 71.00 | 852 | 25.00 | 300 | 0.00 | 0 |

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| | | Number | | Removal | Tota | Disposal | | Salvage | |
|--|-------------|--------|----------|----------|----------|----------|----------|-------------|---------|
| Compared Discovert & D. J. | | of | Total | Cost per | Remova | Cost per | Total | Value | Total |
| Removal, Disposal & Sarvage | Unit of | Compo- | Units of | Unit of | Cos | Unit of | Disposai | per Unit of | Salvage |
| Lost Worksneet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| Steam Turbing Boog Otates | IN | 5,100 | 15.30 | 312.40 | 4,780 | 0.00 | 0 | 120.00 | 1,836 |
| Steam Turbine & Accorpanies | IN | 2 | 50.00 | 177.50 | 8,875 | 0.00 | 0 | 120.00 | 6,000 |
| Hydraulic Dowor Lloit | IN | 2 | 350.00 | 234.30 | 82,005 | 0.00 | 0 | 120.00 | 42,000 |
| Instrument Tubice | IN | | 3.00 | 234.30 | 703 | 0.00 | 0 | 120.00 | 360 |
| | in | 25,000 | 6.25 | 312.40 | 1,953 | 0.00 | 0 | 120.00 | 750 |
| | | | | | 99,167 | | 300 | | 50,946 |
| Condensate System | | | | | | | | | |
| Condensate System 2" & < _ Ding | 711 | 2 500 | 0.75 | | | | _ | | |
| Condensate System 2 1/2" & > _ Pine | IN TN | 2,500 | 3.75 | 312.40 | 7,1/2 | 0.00 | 0 | 120.00 | 450 |
| L/B Condensate Pining - Insulation | | 3,000 | 105.00 | 234.30 | 38,660 | 0.00 | 0 | 120.00 | 19,800 |
| Condenser Vacuum Purmo Skid & Equin | | 4,000 | 00.07 | 71.00 | 4,733 | 25.00 | 1,667 | 0.00 | 0 |
| Condensate Storage Tank Edg | | 440 | 2.50 | 234.30 | 586 | 0.00 | 0 | 120.00 | 300 |
| Condensate Make I in Pumos | | 140 | 140.00 | 91.20 | 12,768 | 144.00 | 20,160 | 0.00 | 0 |
| HRSG Chemical Ed. System 2" L < - Dine | 111 | 4 200 | 1.50 | 234.30 | 351 | 0.00 | 0 | 120.00 | 180 |
| HRSG Chemical Feed Skide | | 1,300 | 1.90 | 312.40 | 609 | 0.00 | 0 | 120.00 | 234 |
| Lube Oil Storage Tanks | 1 IN Thi | | 15.00 | 234.30 | 3,515 | 0.00 | 0 | 120.00 | 1,800 |
| Miscellaneous Process Tanks | IN | | 6.52 | 234.30 | 1,528 | 0,00 | 0 | 120.00 | 782 |
| CondensateTransfer System 7" L < - Pine | 1 IN TN | 4 | 10.60 | 234.30 | 2,484 | 0.00 | 0 | 120.00 | 1,272 |
| Condensate Transfer System 2 1/2" & > _ Pine | | 2,500 | 3.75 | 312.40 | 1,172 | 0.00 | 0 | 120.00 | 450 |
| Condensata Pumos | | 0,500 | 97.50 | 234.30 | 22,844 | 0.00 | 0 | 120.00 | 11,700 |
| Condensate Transfer Purnos | TM | 4 | 62.60 | 234.30 | 14,/14 | 0.00 | 0 | 120.00 | 7,536 |
| Condensate Storage Tanks | TN | 4 | 4.78 | 234,30 | 1,120 | 0.00 | 0 | 120.00 | 574 |
| Bulk Gas System 2" & < - Pine | TN | 7 000 | 2.39 | 234.30 | 560 | 0.00 | 0 | 120.00 | 287 |
| Condensers | TM | 7,000 | 10.50 | 312.40 | 3,280 | 0.00 | 0 | 120.00 | 1,260 |
| Gland Steam Condensers | | 2 | 332,50 | 234,30 | 77,905 | 0.00 | 0 | 2,000.00 | 665,000 |
| Condensate Air Rem System 2" & < - Pine | | 1 500 | 3.00 | 234.30 | 1,172 | 0.00 | 0 | 120.00 | 600 |
| Condensate Air Rem System 2 1/2" & > _ Pine | TN | 400 | 2.23 | 312.40 | 703 | 0.00 | 0 | 120.00 | 270 |
| | | | 0.00 | 234.30 | 1,400 | 0.00 | 21.827 | 120.00 | 720 |
| | | | | | | | 21,021 | | 713,215 |
| Circulating Water System | | 5 | | | | | | | |
| Circulating Water System 2" & < - Pipe | TN | 749 | 1.12 | 312.40 | 351 | 0.00 | 0 | 120.00 | 135 |
| Circulating Water System 2 1/2" & > - Pipe | TN | 159 | 2.39 | 234,30 | 559 | 0.00 | o | 120.00 | 286 |
| L/B Circulating Water Piping - Insulation | CY | 8 | 0.31 | 71.00 | 22 | 25.00 | 8 | 0.00 | 0 |
| Circulating Water Pumps | TN | 2 | 47.98 | 312.40 | 14,987 | 0.00 | o | 120.00 | 5.757 |
| C W Chem Tr System 2" & < - Pipe | TN - | 500 | 0.75 | 312.40 | 234 | 0.00 | ō | 120.00 | 90 |
| 24" Diameter ICW Pipe | CY | 100 | 44.44 | 349.60 | 15,538 | 0.00 | o | 0.00 | 0 |
| 84" Diameter ICW Pipe | CY | 400 | 622.22 | 349,60 | 217,529 | 0.00 | ō | 0.00 | 0 |
| Concrete - Cofferdam Area | CY | 350 | 350.00 | 91.20 | 31,920 | 144.00 | 50.400 | 0.00 | 0 |
| 66" Diameter Inground CW Pipe | CY | 20 | 24.44 | 349,60 | 8,546 | 0.00 | 0 | 0.00 | Ő |
| | | | | | 289,686 | | 50,408 | 0.00 | 6,268 |
| Seren Week Custow | | | | | | | | | - |
| Joteko Bez Boek 1. Classica Data | | _ | | | | | | | |
| Intere Der Neur & George | IN | 2 | 5.00 | 312.40 | 1,562 | 0.00 | 0 | 120.00 | 600 |
| Induse Traveling Screens | TN | 2 | 32.00 | 312.40 | 9,997 | 0.00 | 0 | 120.00 | 3,840 |
| Scroop Work Surface 27 1 C Dire | TN | 2 | 1.00 | 312.40 | 312 | 0.00 | O | 120.00 | 120 |
| Gueen wash Gyslem 2 & S - Pipe | TN . | 60 | 0.09 | 312.40 | 28 | 0.00 | 0 | 120.00 | 11 |
| Serten Wash Dystem 2 1/2" & > - Pipe | IN | 320 | 1.60 | 234.30 | 375 | 0.00 | 0 | 120.00 | 192 |
| outer wash rumps | TN | 2 | 1.54 | 234.30 | 361 | 0.00 | 0 | 120.00 | 185 |
| | | | | | 12,635 | | 0 | | 4,948 |
| HRSG Stack | | | | | | | | | |
| | | | | | | | | | 1 |

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| | | Number | | Removal | Totai | Disposal | | Salvage | |
|---------------------------------------|---------|--------|----------|----------|-------------|----------|----------|-------------|-----------|
| | | of | Total | Cost per | Removal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Cost | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Per Item | Measure | Cost | Measure | Value |
| HRSG Stack Foundation Concrete | CY | 775 | 775.00 | 91.20 | 70,680 | 144.00 | 111,600 | 0.00 | 0 |
| Stacks - Unit 3 | TN | 4 | 527.00 | 234.30 | 123,476 | 0.00 | 0 | 120.00 | 63,240 |
| Gland Steam Condenser - Insulation | CY | 150 | 1.67 | 71.00 | 118 | 25.00 | 42 | 0.00 | 0 |
| | | | | | 194,274 | | 111,642 | | 63,240 |
| Luke Of Pantan | | | | | | | | | |
| Lube Oil System 2" L < Dine | 74 | 0.000 | | | | | | | |
| Lube Oil System $-2 \alpha < Pipe$ | 111 | 2,000 | 3.00 | 312.40 | 937 | 0.00 | 0 | 120.00 | 360 |
| Lube Oil System - 2 1/2 & > Pipe | | 350 | 5.25 | 234.30 | 1,230 | 0.00 | 0 | 120.00 | 630 |
| S T Lube Oil Desservic | | 2 | 1.50 | 234.30 | 351 | 0.00 | 0 | 120.00 | 180 |
| Turba Luba Oli Cradifferen | IN | 2 | 10.00 | 234.30 | 2,343 | 0.00 | 0 | 120.00 | 1,200 |
| | IN | 2 | 2,00 | 234.30 | 469 | 0.00 | 0 | 120.00 | 240 |
| | | | | | 5,330 | | 0 | | 2,610 |
| Cranes and Hoists | | | | | | | | | |
| Miscellaneous Monorails & Hoists | TN | 15 | 37.50 | 312.40 | 11,715 | 0,00 | 0 | 120.00 | 4,500 |
| | | | | | | | | | |
| Combustion Turbine | : | | | | | | | | |
| C.T. Atomizing Air Skids | TN | 2 | 45.00 | 312.40 | 14,058 | 0.00 | 0 | 120.00 | 5.400 |
| C.T. Exhaust Frame Cooling Fan Skids | TN | 2 | 12.00 | 312.40 | 3,749 | 0.00 | 0 | 120.00 | 1.440 |
| C.T. Starting Motor Skids | TN | 2 | 55.00 | 312.40 | 17,182 | 0.00 | 0 | 120.00 | 6.600 |
| C.T. Water Wash Skids | TN | 2 | 26,00 | 312.40 | 8.122 | 0.00 | ō | 120.00 | 3 120 |
| C.T. Lube Oil Skids | TN | 2 | 107.00 | 312.40 | 33.427 | 0.00 | ō | 120.00 | 12 840 |
| C.T. Fuel Gas Skids | TN | 2 | 88.00 | 312.40 | 27,491 | 0.00 | 0 | 120.00 | 10,560 |
| C.T. Halon Skids | TN | 2 | 5.00 | 312.40 | 1.562 | 0.00 | ō | 120.00 | 600 |
| | | | | | 105,591 | | 0 | 120100 | 40,560 |
| Closed Cooling Water System | | | | | | | | | |
| Closed Cooling Water Heat Exchanger | TN | 2 | 29.34 | 312.40 | 9,165 | 0.00 | 0 | 120.00 | 3 521 |
| CCW System 2 * & < - Pipe | TN | 3.678 | 5.52 | 312.40 | 1.724 | 0.00 | ō | 120.00 | 662 |
| CCW System 2 1/2" & > - Pipe | TN | 4.868 | 73.02 | 234.30 | 17,109 | 0.00 | 0 | 120.00 | 8 762 |
| Closed Cooling Water Pumps | TN | 3 | 4.88 | 234.30 | 1 142 | 0.00 | ŏ | 120.00 | 585 |
| | | _ | | | 29,140 | | 0 | 120.00 | 13,530 |
| Account 343 Totals | | | | | 3.678.056 | | 647 896 | | 2 428 928 |
| | | | | | , , , , , , | | , | | 2,120,020 |
| Account 344: Generators | | | | | | | | | |
| Steam Turbine Foundation Mat Concrete | CY | 600 | 600.00 | 91.20 | 54,720 | 144.00 | 86,400 | 0.00 | 0 |
| Steam Turbine Pedestal Concrete | CY | 450 | 450.00 | 91.20 | 41,040 | 144.00 | 64,800 | 0.00 | 0 |
| C.T. 3 Generator | TN | 4 | 628.00 | 177.50 | 111,470 | 0.00 | 0 | 120.00 | 75,360 |
| C.T. Generator Exit Skids | TN | 5 | 25.00 | 177.50 | 4,438 | 0.00 | 0 | 120.00 | 3,000 |
| Generator Copper | TN | 5 | 90.00 | 695.80 | 62,622 | 0.00 | 0 | 5,000.00 | 450,000 |
| Generator | TN | 1 | 1,000.00 | 177.50 | 177,500 | 0.00 | 0 | 120.00 | 120,000 |
| 1 | | | | | 451,790 | | 151,200 | | 648,360 |
| A | | | | | | | | | |
| ACCOUNT 344 TOTAIS | | | | | 451,790 | | 151,200 | | 848,360 |
| | | | | | | | | | |
| | | | | | | | | | 1 |
| | | | | | | | | | |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per item | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit o Measure | Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------|---|---------------------------|
| | | | | | | | | | |
| Account 345: Accessory Electric Equipment | | | | | | | | | |
| Excitation Equipment | | | | | | | | | ľ |
| Generator Excitation Power Transformers | TN | 5 | 62,50 | 234.30 | 19,525 | 0.00 | 0 | 120.00 | 7,500 |
| Transformer Copper | TN | | 25.00 | 525.40 | 13,135 | 0.00 | 0 | 5,000.00 | 125,000 |
| Instrumentation | TN | 1,500 | 15.00 | 312.40 | 1,368 | 0.00 | 0 | 120.00 | 1,800 |
| | | | | | 34,028 | | 0 | | 134,300 |
| Electrical Equipment | | | | | | | | | |
| Electrical Equipment Pads Concrete | CY | 125 | 125.00 | 91.20 | 11,400 | 144.00 | 18.000 | 0.00 | o |
| Uninterruptible Power Supply | TN | 1 | 0.50 | 312.40 | 156 | 0.00 | 0 | 120.00 | 60 |
| Station Battery Charger & Panels | TN | 2 | 6.00 | 312.40 | 1,874 | 0.00 | 0 | 120.00 | 720 |
| Grounding & Cathodic Protection | TN | 5 | 137.50 | 312.40 | 42,955 | 0.00 | 0 | 120.00 | 16,500 |
| Grounding Grid (Incl. Pads Rods) | TN | 22,135 | 5.53 | 312.40 | 1,729 | 0.00 | 0 | 120.00 | 664 |
| Lightning Protection | TN | 1 | 2.50 | 312.40 | 781 | 0.00 | 0 | 120.00 | 300 |
| Embedded Conduits Foundations | CY | 25,000 | 148.15 | 91.20 | 13,511 | 144.00 | 21,333 | 0.00 | o |
| Power & Control Conduits | TN | 131,592 | 164.49 | 312.40 | 51,387 | 0.00 | 0 | 120.00 | 19,739 |
| Cable Tray | TN | 18,260 | 228.24 | 312.40 | 71,303 | 0.00 | 0 | 120.00 | 27,389 |
| Concrete Duct Banks | CY | 3,000 | 3,000.00 | 91.20 | 273,600 | 144.00 | 432,000 | 0.00 | 0 |
| Electrical Manholes | CY | 23 | 63.89 | 36.48 | 2,331 | 144.00 | 9,200 | 0.00 | oj |
| Isophase Bus | TN | 2,250 | 45.00 | 312.40 | 14,058 | 0.00 | 0 | 120.00 | 5,400 |
| Main Control Boards | TN | 2 | 26.67 | 312.40 | 8,331 | 0.00 | 0 | 120.00 | 3,200 |
| Miscellaneous Relay Panels | TN | 18 | 5.33 | 312.40 | 1,666 | 0.00 | 0 | 120.00 | 640 |
| Instrument Racks | TN | 162 | 16.20 | 312.40 | 5,061 | 0.00 | 0 | 120.00 | 1,944 |
| Annunciators | TN | 1 | 5.00 | 312.40 | 1,562 | 0.00 | 0 | 120.00 | 600 |
| Miscellaneous Power Transformers | TN | 1 | 27.50 | 312.40 | 8,591 | 0.00 | 0 | 120.00 | 3,300 |
| 208/120V AC Distribution Panels | TN | 3 | 0.89 | 312.40 | 278 | 0.00 | 0 | 120.00 | 107 |
| 480 V Load Centers | TN | 3 | 7,50 | 312.40 | 2,343 | 0.00 | 0 | 120.00 | 900 |
| 480 V Motor Control Centers | TN | 17 | 42.50 | 312.40 | 13,277 | 0.00 | 0 | 120.00 | 5,100 |
| 480V AC Distribution Panels | TN | 3 | 3.30 | 312.40 | 1,031 | 0.00 | 0 | 120.00 | 396 |
| Power Cable - 8KV | TN | 86,514 | 90.97 | 852.00 | 77,506 | 0.00 | 0 | 120.00 | 10,916 |
| Power Cable - Medium Voltage | TN | 304,187 | 45.63 | 852.00 | 38,875 | 0.00 | 0 | 120.00 | 5,475 |
| Electrical Switchgear Foundation Concrete | CY | 400 | 400.00 | 91.20 | 36,480 | 144.00 | 57,600 | 0.00 | 0 |
| Non-Seg Bus | TN · | 889 | 17.78 | 312.40 | 5,554 | 0.00 | 0 | 120.00 | 2,134 |
| 4.16 KV Switchgear | TN | 3 | 7.50 | 312.40 | 2,343 | 0.00 | 0 | 120.00 | 900 |
| Control Cable | TN | 689268 | 24.12 | 852.00 | 20,554 | 0.00 | 0 | 120.00 | 2,895 |
| Instrumentation Cable | TN | 393,974 | 9.85 | 852.00 | 8,392 | 0.00 | 0 | 120.00 | 1,182 |
| Distributed Control System | TN | 2 | 5.00 | 312.40 | 1,562 | 0.00 | 510 420 | 120.00 | 600 |
| | | | | | 7 10,491 | | 538,133 | | 111,061 |
| Account 345 Totals | | | | | 752,519 | | 538,133 | | 245,361 |
| Account 346: Miscellaneous Plant Equipment | | | | | | | | | |
| Compressed Air Piping | TN | 10 028 | 15.04 | 312 40 | 4 600 | 0.00 | _ | 120.00 | 1 905 |
| Instrument Air System 2" & < Pipe | TN | 136 | 0.20 | 312.40 | -,u35 RA | 0.00 | 0 | 120.00 | 1,000 |
| Service Air System 2" & < Pipe | TN | 2.660 | 3.99 | 312.40 | 1 246 | 0.00 | 0 | 120.00 | 470 |
| Instrument Air System 2 1/2" & > Pipe | TN | 438 | 2 19 | 234.30 | 513 | 0.00 | 0 | 120.00 | 478 |
| Service Air System 2 1/2" & > Pipe | TN | 548 | 2.74 | 234.30 | 641 | 0.00 | 0 | 120.00 | 203 |
| Instrument Air Compressors, Rec. & Dryers | TN | 2 | 13.59 | 312.40 | 4.248 | 0.00 | 0 | 120.00 | 1 631 |
| Plant Communications & Phones | TN | 2 | 3.00 | 312.40 | 937 | 0.00 | ő | 120.00 | 360 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost Per Item | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|--|--------------------|---------------------------------|------------------------------|---|--------------------------------------|--|---------------------------|--|---------------------------|
| Heat Tracing | TN | 2 | 1.88 | 312.40 | 586 | 0.00 | 0 | 120.00 | 225 |
| Fire Protection/Detection Equipment | TN | 2 | 3.75 | 312.40 | 1,172 | 0.00 | 0 | 120.00 | 450 |
| Miscellaneous Electrical Items | TN | 2 | 20.00 | 312.40 | 6,248 | 0.00 | 0 | 120.00 | 2,400 |
| Account 346 Totals | | | | | 20,352 | | 0 | | 7,966 |
| Unit 3 Totals | | | | | 6,536,202 | | 2,291,304 | | 3,721,135 |
| Grand Yotals Martin Fossil, Fuel Oil Facility and Combined Cycle | | | | | 36,946,472 | | 23,613,508 | | 15,932,266 |

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<u>Martin Plant</u>

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<u>Martin Plant</u>

The Martin Plant is located on an 11,267.4-acre site in Martin County east of Lake Okeechobee and approximately 30 miles northwest of the city of West Palm Beach. The site consists of four generating units, a cooling water reservoir, switchyard, and all related facilities for a commercial generating station.

The plant uses the Martin Reservoir, a 6,800-acre (outside area) cooling water reservoir, for both intake and discharge. The cooling pond operates as a closed cycle system; however, water withdrawals can be accomplished, if necessary, through a pump station from the St. Lucie Canal. The reservoir was designed for an ultimate site generating capacity of 4,000 megawatts. The two units have a combined maximum generator nameplate rating of 1,727 megawatts. Units No. 1 and 2 went into commercial operation during 1980 and 1981 respectively. This dismantlement study uses the following economic recovery dates for these units:

| <u>Unit</u> | <u>Year</u> |
|---------------|-------------|
| Common Fossil | 2020 |
| Unit 1 | 2020 |
| Unit 2 | 2020 |

The dismantlement of the plants is assumed to require 2 years beginning in 2025.

Each outdoor-type unit consists of a Westinghouse Electric Corporation tandemcompound, double flow reheat turbine and a Foster Wheeler Corporation outdoor reheat steam generator, utilizing a regenerative reheat cycle with all necessary auxiliaries and subsystems. Although the original design, by Mid-Valley, Inc., for both units was for oilfired generation (#6 heavy oil), the units were converted in 1986 to also allow the burning of natural gas and oil/gas mixtures. Fuel, oil or gas, is provided through pipeline from the West Palm Beach Oil Terminal. Control of emissions is through mechanical collectors, flue gas recirculation, and controlled sulfur content of the fuel.

Martin Combined Cycle Units No. 3 & 4 began commercial operation in 1994 – Unit 3 in February and Unit 4 in April. These units also use the Martin Reservoir for both intake and discharge. The new units required addition of a new switchyard and an expansion of an existing switchyard at the site.

These combined cycle units consist of two advanced combustion turbines (CT's) fired on natural gas, with distillate oil as a backup fuel, plus two heat recovery steam generators (HRSG's) and a related steam turbine.

<u>Martin Plant</u>

Martin unit 8 is an 1150 MW nominally rated combined cycle electric generating facility. The plant design is based on utilizing four combustion turbines fueled with natural gas and distillate oil (backup only), each exhausting into a multi-pressure waste heat recovery steam generator, and a steam turbine generator. Martin Units 8A and 8B began commercial operation as a simple cycle units on June 14, 2001. These were then integrated with two new GE 7FAs (Units 8C & 8D), four new duct fired heat recovery steam generators (HRSG's), and one steam turbine (STG). A mechanical draft cooling tower and all necessary balance of plant items were also installed. This combined cycle unit went commercial in June, 2005. This is the first dismantlement study to include Units 8C and 8D.

The economic recovery dates for Units 3, 4 and 8 are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Common | 2030 |
| Unit 3 | 2020 |
| Unit 4 | 2020 |
| Unit 8 | 2030 |

Bechtel Power Corporation designed the combined cycle units for General Electric. The combustion turbines and the steam turbine generators were purchased from General Electric, while the HRSG's and the stacks were fabricated and installed by the Henry Vogt Machine Company.

The West Palm Beach Oil Facility consists of the Port of Palm Beach Unloading Facility, the Riviera Plant Pumping Station, the pipeline from the Port of Palm Beach to the West Palm Beach Fuel Oil Terminal, the West Palm Fuel Oil Storage Facility, and the pipeline from West Palm Beach Storage Facility to the Martin Power Plant Fuel Storage Facility.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Martin plant in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.

Martin Solar Energy Center

Martin Solar Center is scheduled to go in-service in 2010 near Indiantown. The 75-MW facility will be the United States second largest solar power plant and the largest solar thermal facility outside of California. Martin Next Generation Solar Energy Center will provide enough power to serve about 11,000 homes and will, over its 30 year life, prevent the emissions of more than 2.74 million tons of greenhouse gases.

The project will consist of approximately 180,000 mirrors over about 500 acres at the FPL Martin Plant site. The solar technology used at Martin site uses solar collectors with mirrored surfaces that reflect the sunlight onto a receiver that heats up a liquid.

This heated liquid is used to make steam that produces electricity. Because solar power can be generated only when the sun is up, the Martin solar site will not produce energy on a continuous basis.

This filing is the first time that Florida Power & Light has requested dismantlement accruals for Martin Solar Energy Center.

Due to the early stage of construction of the Martin solar station, the equipment list and related information used for the development of its dismantlement calculation is not, at this point, definitive and will need to be updated and improved upon in future dismantlement studies.

The economic recovery date of this solar energy station is 2039. The dismantlement of the facility is assumed to require two years beginning in 2044.

| MARTIN SUMMARY OF DISMANTLEMENT COSTS | |
|--|----|
| | Re |

| | | Removal | Disposal | Salvage | |
|---------|--|------------|-----------|------------|-----------------|
| FERC | | Cost | Cost | Value | Total |
| Account | Description | (A) | (B) | (C) | (D)=(A + B - C) |
| | Martin Common | | | | |
| | | | | | |
| | Production Plant | | | | |
| 311 | Structures and Improvements | 2,494,603 | 2,065,022 | 362,310 | 4,197,315 |
| 312 | Boiler Plant Equipment | 77,520 | 0 | 35.423 | 42 097 |
| 314 | Turbogenerator Units | 0 | 0 | ,0 | |
| 315 | Accessory Electrical Equipment | 309,510 | 11.039 | 74.648 | 245 901 |
| 316 | Miscellaneous Equipment | 1,132 | 0 | 490 | E 10,007 |
| | Subtotal | 2,882,764 | 2.076.081 | 472.871 | 4,485,955 |
| | | | | 47 2,07 1 | 4,400,000 |
| | Other Site Costs: | | | | |
| | Site Management Expenses | 1.129.968 | | | 1 129 988 |
| | Asbestos Abatement Costs | 235,000 | | | 235 000 |
| | Special Waste & Washwater | 822,340 | | | 800,000 |
| | Intake & Discharge Backfill | 158,486 | | | 158 486 |
| | Grading & Seeding | 6 504 860 | | | 007,007 |
| | Subtotal | 0,034,003 | | | 0,094,869 |
| | o obligital | a'040'003 | Ŭ | U | 9,040,003 |
| | Total Production Plant & Other Site Costs | 11 000 407 | 2.070.001 | 470.074 | 40 500 040 |
| | Contingency - 16% | 1 007 749 | 2,070,001 | 472,071 | 13,520,018 |
| | Subtotal including Contingency | 1,907,740 | 332,170 | 470.074 | 2,239,918 |
| | Linuschie M&S Inventory | 13,031,173 | 2,408,231 | 472,871 | 15,766,536 |
| | Total Common to Alt Units Including Linus bl | 3,093,011 | 0 | 309,361 | 2,784,250 |
| | Total Common to All Onits including Grusable | 16,924,786 | 2,408,231 | 782,232 | 18,550,786 |
| | Martin Fuel Oil Store of Feelike | | | | |
| 2++ | Martin Fuer Oil Storage Facinity | | | | |
| 311 | Structures and improvements | 6,559.053 | 5,595,203 | 2,587,476 | 9,568,780 |
| 312 | Boller Plant Equipment | Q | 0 | 0 | 0 |
| 314 | Turbogenerator Units | 0 | 0 | 0 | 0 |
| 315 | Accessory Electrical Equipment | 138,125 | 2,822 | 199,397 | (58,449) |
| 316 | Miscellaneous Equipment | 0 | 0 | 0 | 0 |
| | Subtotal | 6,697,178 | 5,598,025 | 2,786,873 | 9,508,331 |
| | Contingency - 16% | 1,071,549 | 895,684 | | 1,967,233 |
| | | 7,768,727 | 6,493,710 | 2,786,873 | 11,475,584 |
| | Unusable M&S Inventory | 4,262,081 | 0 | 426,208 | 3,835,873 |
| | Total Common to Fossil Including Unusable Ir | 12,030,808 | 6,493,710 | 3,213,081 | 15,311,437 |
| | | | | | |
| | Martin Units 1 & 2 | | | | |
| 311 | Structures and Improvements | 6,175,659 | 2,104,714 | 284,349 | 7,996,024 |
| 312 | Boiler Plant Equipment | 10,252,803 | 2,761,488 | 4,353,934 | 8,660,357 |
| 314 | Turbogenerator Units | 1,501,703 | 538,864 | 2,901,902 | (861,535) |
| 315 | Accessory Electrical Equipment | 1,878,589 | 654,206 | 2,097,891 | 434,904 |
| 316 | Miscellaneous Equipment | 122,174 | 0 | 33,009 | 89,165 |
| | Subtotal | 19,930,928 | 6,059,072 | 9.671.084 | 16.318.915 |
| | Contingency - 16% | 3,188,948 | 969.451 | | 4,158,400 |
| | Total Martin Units 1 & 2 | 23,119,876 | 7.028.523 | 9 871 084 | 20 477 315 |
| | | | /// | 0,011,001 | 20,477,010 |
| | Martin Unit 3 | | | | |
| 341 | Structures and improvements | 1 786 310 | 1 048 503 | 411 075 | 2 422 027 |
| 342 | Fuel Holders Producers and Accessories | 73,600 | 1,040,080 | 31 704 | 2,422,937 |
| 343 | Prime Movers | 2 027 910 | 484 056 | 2 0 24 223 | 41,57 |
| 344 | Generators | 208 262 | 113 633 | 150 200 | 407,744 |
| 345 | Accessory Electric Equipment | 802 780 | 759 418 | 102,200 | 205.004 |
| 346 | Miscellateous Power Plant Equipment | 18 473 | 200,410 | 400,173 | 385,002 |
| 0.10 | Subtotal | 4 717 200 | 4 009 789 | 7,341 | 11,131 |
| | Contingency - 18% | 4,717,323 | 1,903,763 | 3,093,710 | 3,527,390 |
| | Total Martin Unit 2 | F 470 005 | 304,605 | 0.000 740 | 1,059,377 |
| | | 0,472,090 | 2,200,309 | 3,083,710 | 4,000,107 |
| | Martin Linit 4 | | | | |
| 341 | Stuchurot and Improvements | 4 404 480 | F07 CF7 | | |
| 343 | Fired Helderer, Denduced and Assessments | 1,104,162 | 307,337 | /15,957 | 955,762 |
| 342 | Prime Meyora | 31,460 | 0 | 14,868 | 16,592 |
| 343 | | 2,095,983 | 482,500 | 2,268,789 | 309,694 |
| 344 | Generators | 203,342 | 112,382 | 152,280 | 153,444 |
| 340 | Accessory Electric Equipment | 469,820 | 253,068 | 145,521 | 577,367 |
| 346 | Miscekaneous Power Plant Equipment | 14,163 | 0 | 6,233 | 7,930 |
| | Outstated | | | | |
| | Subtotai | 3,918,930 | 1,415,507 | 3,303,648 | 2,030,790 |
| | Contingency - 16% | 627,029 | 226,481 | | 853,510 |
| | Fotar Martin Unit 4 | 4,545,959 | 1,641,988 | 3,303,648 | 2,884,299 |
| | | | | | |

MARTIN SUMMARY OF DISMANTLEMENT COSTS

| | | Removal | Disposa! | Salvage | |
|---------|---|------------|------------|------------|-----------------|
| FERC | | Cost | Cost | Value | Total |
| Account | Description | (A) | (B) | (C) | (D)=(A + B - C) |
| | <u>Martin Unit 8</u> | | | | |
| 341 | Structures & Improvements | 1,422,081 | 566,805 | 373,815 | 1,615,070 |
| 342 | Fuel Holders, Producers and Accessories | 68,180 | 1,089,620 | 26,400 | 1,131,400 |
| 343 | Prime Movers | 3,096,036 | 325,627 | 2,418,752 | 1,002,911 |
| 344 | Generators | 994,179 | 74,085 | 809,160 | 259,105 |
| 345 | Accessory Electrical Equipment | 780,348 | 375,155 | 632,382 | 523,121 |
| 346 | Miscellaneous Power Plant Equipment | 18,400 | 0 | 7,966 | 10,435 |
| | Subtotal | 6,379,225 | 2,431,293 | 4,268,476 | 4,542,042 |
| | Contingency - 16% | 1,020,676 | 389,007 | | 1,409,683 |
| | Total Martin Unit 8 | 7,399,900 | 2,820,299 | 4,268,476 | 5,951,724 |
| | <u>Martin Solar</u> | | | | |
| 341 | Structures & Improvements | 119,547 | 119,977 | 720 | 238,803 |
| 343 | Prime Movers | 6,570,054 | 693,210 | 2,551,230 | 4,712,034 |
| 345 | Accessory Electrical Equipment | 53,554 | 0 | 39,024 | 14,530 |
| | • | 6,743,155 | 813,187 | 2,590,974 | 4,965,368 |
| | Site Management Expenses | 564,984 | | | 564,984 |
| | | 7,308,139 | 813,187 | 2,590,974 | 5,530,352 |
| | | 0.16 | 0.16 | | |
| | Contingency - 16% | 1,169,302 | 130,110 | <u> </u> | 1,299,412 |
| | total Martin Solar | 8,477,441 | 943,298 | 2,590,974 | 6,829,764 |
| | Total Dismantlement Costs | 77,970,867 | 23,544,436 | 26,923,210 | 74,592,093 |

MARTIN DISMANTLEMENT COST FOR INFLATION PROJECTION

| Description | Labor (A) | Material & Equipment (B) | Burial (C) | Salvage (D) | Total (<u>A)</u> + (B) + (C) - (D) |
|------------------------------|--------------|--------------------------------|---------------|----------------|--|
| Martin Common | 4,661,236 | 7,369,572 | 6,493,710 | 3,213,081 | 15,311,437 |
| Martin Units 1 & 2 | 13,871,926 | 9,247,950 | 7,028,523 | 9,671,084 | 20,477,315 |
| Martin Common Combined Cycle | 8,298,706 | 8,626,081 | 2,408,231 | 782,232 | 18,550,786 |
| Martin Unit 3 | 3,283,257 | 2,188,838 | 2,208,389 | 3,093,716 | 4,586,767 |
| Martin Unit 4 | 2,727,575 | 1,818,384 | 1,641,988 | 3,303,648 | 2,884,299 |
| Martin Unit 8 | 4,439,940 | 2,959,960 | 2,820,299 | 4,268,476 | 5,951,724 |
| Martin Solar Terminal | 5,086,465 | 3,390,976 | 943,296 | 2,590,974 | 6,829,764 |
| Total | 42,369,105 | 35,601,762 | 23,544,436 | 26,923,210 | 74,592,093 |

Labor Is 60% of Removal Cost from Summary of Dismantlement Costs. Material & Equipment Is 40% of Removal Cost from Summary of Dismantlement Costs Burial Is 100% of Disposal Cost from Summary of Dismantlement Costs Salvage is 100% of Salvage from Summary of Dismantlement Costs.

MARTIN DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits (underground concrete piping to be collapsed);
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

MARTIN DISMANTLEMENT ASSUMPTIONS

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However the dismantlement cost of substation equipment is not included in this study, so as to avoid the possibility of duplicating recovery of costs already reflected in the net salvage factors of the substation accounts' depreciation rates.

An expandable grout will be used to dismantle the turbine pedestals. The chimneys will be control-blasted.

It is assumed that dismantlement activity at Martin will begin five years after end of service. The economic recovery dates used for this assumption are as follows:

| Units | Economic Recovery Dates |
|-----------------------|-------------------------|
| Unit 1 | 2020 |
| Unit 2 | 2020 |
| Common Fossil | 2020 |
| Unit 3 | 2020 |
| Unit 4 | 2020 |
| Unit 8 | 2030 |
| Common Combined Cycle | 2030 |
| | |

Martin plant has very little asbestos. FPL's Environmental Department recently completed a survey of asbestos at our production plants. It was determined that a minimal amount of asbestos insulation is in use at Martin. It is estimated that the cost of abating this small quantity of asbestos is \$235,000.

It is assumed that the cooling reservoir at the Martin site will not be back-filled. The State of Florida has expressed an interest in using the reservoir for water management purposes. Also, some communities have indicated interest in its potential use as a source of water.

The ten inch collapsible unloading arms and ten inch stationary unloading arms at Slip #2 at Riviera Power Plant serve to off-load fuel from vessels for both Riviera and Martin Plants. The four unloading arms have been included in the Martin dismantlement study because Martin should be in service long after Riviera.

The 35.8 mile steel pipeline from the Fuel Oil Storage Facility to the power plant will be unearthed, cut up and taken as scrap. The three and one-quarter mile pipeline from the Riviera Unloading Facility to the Fuel Oil Storage Facility, though steel, is encased in five inches of concrete and assumed unsalvageable. It will be unearthed, cut up and disposed of.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DISMANTLING ACTIVITIES: SOLAR UNITS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, equipment foundations, substructures, support buildings. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.
- Remove top soil/gravel, backfill, and remove foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Martin Plant. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component in the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$33.05 | х | 6 | | = | \$198.33 |
|-----------------------------------|---------|----------|---|---|------------|----------|
| Foreman | \$41.96 | Х | 1 | | = | \$41.96 |
| Heavy Equipment Operator | \$39.99 | Х | 1 | | ` ≐ | \$39.99 |
| Total Cost per hour of 8 man crew | | | | | | \$280.28 |
| Cost per man hour | | \$280.28 | 1 | 8 | = | \$35.04 |

Equipment Rate

The equipment rate is based on the following equipment:

| Cr Fra Cu T | Crane/Excavator Front End Loader Cutting Equipment Total per month | | | | | - | 31,395.00 6,234.15 231.75 37,860.90 |
|--|---|---|----------|----|-----|-------------|--|
| | 37,860.90 | 1 | 176 | ho | urs | per month = | 215.12 |
| Cost per man hour Plus: amount for small tools Total Cost per man hour | | | \$215.12 | 1 | 8 | = | \$26.89 1.00 \$27.89 |

MARTIN DISMANTLEMENT STUDY

Equipment & Labor Summary

| Labor Equipment | \$35.04 27.89 |
|--|------------------|
| Total | \$62.93 |
| Rounded | \$63.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$68.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| <u>Components</u> | Hourly Rate | Productivity Factor | Removal Factor |
|------------------------|-------------|---------------------|----------------|
| Extra Heavy Steel (1) | \$63.00 | 2.50 MH / Ton | \$157.50 / Ton |
| Heavy Steel (2) | \$63.00 | 3.30 MH / Ton | \$207.90 / Ton |
| General Steel | \$63.00 | 4.40 MH / Ton | \$277.20 / Ton |
| Light Steel | \$63.00 | 7.10 MH / Ton | \$447.30 / Ton |
| Concrete | \$68.00 | 0.48 MH/CY | \$32.64 / CY |
| Reinforced Concrete | \$68.00 | 1.20 MH / CY | \$81.60 / CY |
| Copper-Elect. Cable & | | | |
| Generator Leads | \$63.00 | 12.00 MH / Ton | \$756.00 / Ton |
| Copper - Generator | \$63.00 | 9.80 MH / Ton | \$617.40 / Ton |
| Copper - Transformer | \$63.00 | 7.40 MH / Ton | \$466.20 / Ton |
| General Insulation | \$63.00 | 1.00 MH / CY | \$63.00 / CY |
| Inground Pipe-Metal(3) | \$63.00 | 6.00 MH / Ton | \$378.00 / Ton |
| Concrete Pipe | \$68.00 | 4.60 MH / Ton | \$312.80 / CY |
| | | | |

(1) Includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Martin County Solid Waste Facility. Concrete and calcium silicated insulation are non-hazardous waste The tipping fee of \$30/ton and per haul charges were obtained from Waste Management. The per haul charges are \$395.00 per haul for a 20 cubic yard dumpster (5 tons deductible) and \$475.00 per haul for a 30 cubic yard dumpster (7 tons deductible).

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Dumpster Cost | \$395.00 | / haul | х | 1 haul | = | 395.00 |
|---------------------------|----------|--------|---|-----------|---|----------|
| Tipping Fees | \$30.00 | / ton | Х | 25.5 tons | = | 765.00 |
| Total Cost per round Trip | | | | | | 1,160.00 |

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|--|---|-----------------------|-------------|
| Cost per Cubic Yard Plus 10% contractor profit Total Cost per Cubic Yard | \$1,160.00 | / 15.38 cubic yards = | \$75.42 |
| Rounded Cost per Cubic Yard | | | \$83.00 |

insulation - Calcium Silicate (Non-Hazardous)

A trailer with a 30 cubic yard capacity is used for calcium silicate insulation. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - i.e., the weight to volume conversion uses 30 cubic yards - the full volume of the dumpster). A cubic yard of calcium silicate insulation weighs 121.5 pounds or .060750 tons. 30 cubic yards times .060750 tons/cubic yard = 1.82 tons.

| Truck Cost Tipping Fees Total Cost per round Trip | \$475.00 \$30.00 | / haul / ton | x x | 1 haul 0 tons | = | 475.00 0.00 475.00 |
|--|---------------------|-----------------|---------|------------------|---|-----------------------------------|
| Cost per Cubic Yard Plus 10% contractor profit Total Cost per Cubic Yard | \$475.00 | / 27 cubic | yards = | | | \$17.59 <u>1.76</u> \$19.35 |
| Rounded Cost per Cubic Yard | | | | | | <u>\$19.00</u> |

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel | \$120 / ton |
|------------------------|----------------|
| Stainless Steel | \$2,000 / ton |
| Aluminum (Sheet Metal) | \$1,340 / ton |
| Wire & Cable: | |
| - Insulated Copper | \$2,100 / ton |
| - Insulated Aluminum | \$1,020 / ton |
| Copper | \$5,000 / ton |
| Nickel Alloys | |
| - 70/30 Cupro-Nickel | \$4,000 / ton |
| - 80/20 Cupro-Nickel | \$6,000 / ton |
| - Monel | \$10,000 / ton |
| Admiralty Brass | \$3,600 / ton |
| Aluminum Brass | \$2,800 / ton |
| Titanium | \$4,000 / ton |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) and updated by Construction Estimating are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month for site indirect costs. These expenses are to be incurred over the 24 month dismantlement period for the Martin Plant. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management, supervison, security, etc..

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-------------|
| Number of months | 24.00 |
| Total Site Management Expenses | \$1,129,968 |

Intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115.

| | Cost/Structu Quantity | | |
|-----------|-----------------------|----|-----------|
| Intake | \$44,128 | 2 | \$88,256 |
| Discharge | \$35,115 | 2_ | \$70,230 |
| | | | \$158,486 |

* Martin has a larger than average Intake, so for costing purposes it is multiplied by 2.

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Amount

Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The iand is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this reffort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Martin Acreage to be graded and seeded | 105.30 |
|--|-------------|
| Cost Factor | \$63,579 |
| Total Grading and Seeding Expense | \$6,694,869 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Martin, the following cost estimates have been identified:

Description

| Asbestos | \$235,000 |
|---------------------------|-------------|
| Lead in paint | 600 |
| Basins Clean Out/Material | 54,700 |
| Special Waste | 721,278 |
| Tanks/Washwater | 45,763 |
| Total | \$1,057,341 |
| Removal, Disposal & Salvage Cost Worksheet | Jnit ol leasui | Number of Compo- nents | Units of Measure per Component | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|--|-------------------|---------------------------------|---|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| MARTIN COMMON | | | - | | | | | | | |
| FERC Account 311 | | | | | | | | | | |
| Improvements to Site | | | | | | | | | | |
| Structures | | | | | | | | | | |
| Walks, Yard Paving, Parking(asphalt. | CY | 1 | 1,432.80 | 1,432.80 | 32.64 | 46,767 | 83.00 | 118,922 | 0.00 | 0 |
| Yard Lighting - Copper Wiring (72, | TN | 1 | 2.81 | 2.81 | 756.00 | 2,124 | 0.00 | 0 | 2100.00 | 5,901 |
| Yard Lighting - PVC Conduit (20,: | TN | 1 | 5.57 | 5,57 | 378.00 | 2,107 | 83.00 | 463 | 0.00 | 0 |
| Railroad Rails - Steel (17,060 | TN | 1 | 565.00 | 565.00 | 207.90 | 117,464 | 0.00 | 0 | 120.00 | 67,800 |
| Railroad Cross-ties | ŤN | 1 | 853.00 | 853.00 | 32.64 | 27,842 | 83.00 | 70,799 | 0.00 | 0 |
| Light Poles (35') - Concrete (126 t | CY | 1 | 15. 9 5 | 15. 9 5 | 32.64 | 521 | 83.00 | 1,324 | 0.00 | 0 |
| Subtotal | | | | | | 196,824 | | 191,508 | | 73,701 |
| Demostic Wester Oracata | | | | | | | | | | |
| Domestic water Supply | · | | | | | | | _ | | |
| Piping, Vivs Under 4" - Steel | TN | 1 | 41.88 | 41.88 | 277.20 | 11,610 | 0.00 | 0 | 120.00 | 5,026 |
| Subtotal | | | | | | 11,610 | | 0 | | 5,026 |
| Storm & Sanitary Sewer System | | | | | | | | | | |
| Oil Separator Tank - 4,000 gal (fiberg | TN | 2 | 4.20 | 8.39 | 447.30 | 3,753 | 0.00 | 0 | 0.00 | o |
| Oil Separator Pump/ Motor | TN | 2 | 1.00 | 2.00 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Water Collecting Pond - Reinforced C | CY | 1 | 594.00 | 594.00 | 81.60 | 48,470 | 83.00 | 49,302 | 0.00 | Ð |
| Sewage Treatment - Steel Tanks & F | TN | 1 | 30.97 | 30.97 | 277.20 | 8,585 | 0.00 | 0 | 120.00 | 3,716 |
| Sewage Treatment Foundation - Reir | CY | 1 | 23.00 | 23.00 | 81.60 | 1,877 | 0.00 | 0 | 0.00 | 0 |
| Septic Tank - 750 gal (concrete) | TN | 1 | 1.32 | 1.32 | 312.80 | 413 | 0.00 | 0 | 0.00 | 0 |
| Catch Basins & Manholes - Reinforce | CY | 1 | 692.00 | 692.00 | 81.60 | 56,467 | 83.00 | 57,436 | 0.00 | 0 |
| Subtotal | | | | | | 120,460 | | 106,738 | | 3,956 |
| Yard Fire Protection System | | | a == | 0.55 | | | 0.00 | | | |
| Motor-driven Fire Pump/ Motor | IN | 1 | 3.55 | 3.55 | 277.20 | 984 | 0.00 | 0 | 120.00 | · 426 |
| Fire Pump/ Motor Foundation - Reinf | CY | 1 | 19.00 | 19.00 | 81.60 | 1,550 | 83.00 | 1,577 | 0.00 | 0 |
| Engine-onven Fire Pump/ Motor | IN | 1 | 1.21 | 1.21 | 277.20 | 335 | 0.00 | 0 | 120.00 | 145 |
| Subtotal | | | | | | 2,870 | | 1,577 | | 571 |
| Circulating and Service Water System Intake Structure | | | | i | | | | | | |
| Structures/ Foundations - Reinforced | CY | 1 | 4,799.00 | 4,799.00 | 81.60 | 391,598 | 83.00 | 398,317 | 0.00 | 0 |
| Structural Steel | TN | 1 | 19.00 | 19.00 | 207.90 | 3,950 | 0.00 | 0 | 120.00 | 2.280 |
| Handrailing, Grating, Checkerolate - : | TN | 1 | 1.75 | 1.75 | 277.20 | 485 | 0.00 | 0 | 120.00 | 210 |
| Cofferdam - Steel | TN | 1 | 156,67 | 156.67 | 277.20 | 43,429 | 0.00 | o | 120.00 | 18 800 |
| 40-Ton Gantry Crane | TN | 1 | 91.00 | 91.00 | 207.90 | 18,919 | 0.00 | o | 120.00 | 10,920 |
| 40-Ton Gantry Crane Track Rail - Ste | TN | 1 | 4.65 | 4.65 | 277,20 | 1,289 | 0.00 | 0 | 120.00 | 558 |
| Stop Logs - Reinforced Concrete | CY | 1 | 47.11 | 47.11 | 81.60 | 3,844 | 83.00 | 3,910 | 0.00 | 0 |
| Conduit - Aluminum | TN | 1 | 1.49 | 1.49 | 447.30 | 668 | 0.00 | 0 | 1020.00 | 1.523 |
| Subtotal | | | | | | 464,182 | | 402,227 | | 34,291 |
| Service Water System | | | | | | | | | | |
| Water Treatment Area Foundations - | CY | 1 | 1,414.00 | 1,414.00 | 81.60 | 115,382 | 83.00 | 117,362 | 0.00 | 0 |
| Structural Steel | TN | 1 | 31.00 | 31.00 | 207.90 | 6,445 | 0.00 | 0 | 120.00 | 3,720 |

| | | Number | Units | Total | Removal | T-4-6 | Disposal | * | Salvage | |
|---------------------------------------|---------|--------|------------|----------------------|----------|---------|----------|----------|-------------|---------|
| Removal Disposal & Salvage | Init of | Compo | or measure | i otali Ali otali | Cost per | Iotal | Cost per | Iotal | Value | Total |
| Cost Workshoot | Just Of | Compo- | per | Units of | Unit or | Kemoval | Unit of | Disposal | per Unit of | Salvage |
| Well Water Pump w/ motor | Thi | 2 | | Measure 2 91 | att on | COSt | Measure | Cost | Measure | Value |
| Demineralizer w/ 7.5 bp motor | TM | 3 | 2.21 | 0.01 | 277.20 | 1,886 | 0.00 | 0 | 120.00 | 817 |
| Demineralizer w/ 15 bp motor | | 2 | 1.10 | 2,30 | 277.20 | 604 | 0.00 | U | 120.00 | 283 |
| Conveyer System w/ 2 bo motor | 75 | 4 | 1,00 | 3.30 | 277.20 | 931 | 0.00 | 0 | 120.00 | 403 |
| Coagulator Tank w/ motor | TN | | 2.00 | 2.50 | 211.20 | 093 | 0.00 | U | 120.00 | 300 |
| Lime Tank & Miver - Stool | TN | 4 | 18.80 | 19.90 | 207.90 | 4,137 | 0.00 | 0 | 120.00 | 2,388 |
| Alum Tank & Mixor - Steel | TN | 4 | 1.22 | 1.22 | 277.20 | 330 | 0.00 | U | 120.00 | 146 |
| Cleanual Tank - Steat | TAL | 4 | 1.02 | 1.02 | 217.20 | 449 | 0.00 | 0 | 120.00 | 194 |
| Acid Eagl Task Steel | Th | 4 | 23.00 | 23.00 | 207.90 | 5,198 | 0.00 | 0 | 120.00 | 3,000 |
| Sond Filter Took Steel | TN | | 7,50 | 7.50 | 277.20 | 2,079 | 0,00 | 0 | 120.00 | 900 |
| Corthon Filter Tank - Steel | TAL | 4 | 12.60 | 50.40 | 207.90 | 10,478 | 0.00 | 0 | 120.00 | 6,048 |
| Carbon Filler Tank - Steel | TN | 1 | 1.79 | 1.79 | 277.20 | 495 | 0.00 | 0 | 120.00 | 214 |
| Conduit - Auminum | IN | 1 | 1./5 | 1.75 | 447.30 | 781 | 0.00 | 0 | 1020.00 | 1,781 |
| Subioial | | | | | | 149,948 | | 117,362 | | 20,196 |
| Raw Water Make-up System | | | | | | | | | | |
| Raw Water Storage Tank - 500,000 g | TN | 1 | 55.00 | 55.00 | 207.90 | 11,435 | 0.00 | 0 | 120.00 | 6,600 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 3.67 | 3.67 | 447.30 | 1.640 | 0.00 | ō | 120.00 | 440 |
| Piping, Vivs | TN | 1 | 33.94 | 33,94 | 378.00 | 12,831 | 0.00 | 0 | 120.00 | 4 073 |
| Subtotal | | | | | | 25,906 | | | 120.00 | 11 113 |
| | | | | | | | | - | | |
| Open Cooling Water System | | | | | | | | | | ł |
| 36" Piping/ Misc. Vivs - Iron | TN | 1 | 4.82 | 4.82 | 378.00 | 1,821 | 0.00 | 0 | 120.00 | 578 |
| Subtotal | | | | | | 1,821 | | 0 | | 578 |
| Other Service Water System | | | | | | | | | | |
| Service Water Pump w/ 125 hp moto | ты | 7 | 1 22 | 284 | 777 20 | 799 | 0.00 | | 400 00 | |
| Treated Water Storage Tank - 500 00 | TM | 4 | 55.00 | 55.00 | 207.00 | 132 | 0.00 | 0 | 120.00 | 317 |
| Potable Water Storage Tank - 300,00 | TN | 4 | 5.50 | 55.00 | 207.90 | 11,433 | 0.00 | 0 | 120.00 | 6,600 |
| Pioint We Under 4" - Steel | TM | 4 | 0.00 | 0.00 | 211.20 | 1,323 | 0.00 | U | 120.00 | 660 |
| Dising Vine 4" to 9" Steel | TN | 4 | UZ.ZU | 62.20 | 447.30 | 27,040 | 0.00 | Ű | 120.00 | - 7,471 |
| Filping, Vivs 4 100 - Steel | 1 Pi | I | DO. 14 | 58,14 | 211.20 | 16,117 | 0.00 | | 120.00 | 6,977 |
| Subiolar | | | | | | 57,056 | | U | | 22,025 |
| Neutralization Basin | | | | | | | | | |] |
| Acid Retention Basin - Reinforced Cc | CY | 1 | 584.00 | 584.00 | 81.60 | 47,654 | 83.00 | 48,472 | 0.00 | o |
| Recovered Service Water Pump w/ n | TN | 2 | 2.25 | 4.50 | 277.20 | 1,247 | 0.00 | o | 120.00 | 540 |
| Recovered Service Water Basin - Re | CY | 1 | 151.00 | 151.00 | 81.60 | 12,322 | 83.00 | 12.533 | 0.00 | 0 |
| Waste Water Treatment Control Pan- | TN | 1 | 1.55 | 1.55 | 447.30 | 693 | 0.00 | , o | 120.00 | 186 |
| Piping, Vlvs - Fiberglass | CY | 1 | 16,26 | 16.26 | 32.64 | 531 | 83.00 | 1.349 | 0.00 | 0 |
| Subtotal | | | | | | 62,447 | | 62,354 | | 726 |
| Discharge Structure | | | | | | | | | | |
| Circ Water Discharge Sluice Gate - Ir | TN | 2 | 5.50 | 11.00 | 277.20 | 3,049 | 0.00 | 0 | 120.00 | 1,320 |
| Structure - Reinforced Concrete | CY | 1 | 739.00 | 739.00 | 81.60 | 60,302 | 83.00 | 61,337 | 0.00 | 1,520 |
| Subtotal | | | | | | 63,352 | | 61,337 | | 1,320 |
| Station Structures | | | | | | | | | | |
| Catibration Shop - Concrete Block | CY | 1 | 31 02 | 31.02 | 32 64 | 1 012 | 83.00 | 2 575 | 0.00 | |
| Acid Lift Station Pump w/ 100 hp mot | TN | 2 | 4.80 | 9.60 | 277.20 | 2,660 | 0.00 | 2,575 | 120.00 | 1 464 |
| | | _ | | | | -,000 | 0.00 | 0 | 120.00 | 1,101 |

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| Removal, Disposal & Salvage Cost Worksheet | Jnit of | Number of Compo- | Units of Measure per Component | Total Units of Neasure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Neasure | Total Salvage Value |
|---|---------|------------------------|---|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| Acid Lift Station Pump w/ 100 hp mot | TN | 2 | 4 59 | 9 18 | 277 20 | 2.543 | 0.00 | 005 | 120.00 | 1,101 |
| 90-Ton Gantry Crane w/ 30-Ton Auxi | TN | 1 | 178.90 | 178.90 | 207.90 | 37 193 | 0.00 | o O | 120.00 | 21.468 |
| 90-Ton Gantry Crane Track Rail - Ste | TN | 1 | 20.00 | 20.00 | 447 30 | 8.946 | 0.00 | ů O | 120.00 | 2,400 |
| Control Bldg Foundation - Reinforced | CY | 1 | 398.00 | 398.00 | 81.60 | 32,477 | 83.00 | 33.034 | 0.00 | -, |
| Control Bldg - Atuminum Siding 20 | TN | 1 | 15.27 | 15.27 | 447.30 | 6.830 | 0.00 | 0 | 1340.00 | 20.462 |
| Control Bidg - Concrete Block 6. | CY | 1 | 105.77 | 105.77 | 32.64 | 3,452 | 83.00 | 8.779 | 0.00 | 0 |
| Control Bldg - Aluminum Sheet Metal | TN | 1 | 12.15 | 12.15 | 447.30 | 5.435 | 0.00 | 0 | 1340.00 | 16,281 |
| Control Bldg - Built-up Roofing 2.8 | CY | 1 | 8.55 | 8,55 | 32.64 | 279 | 83.00 | 710 | 0.00 | 0 |
| Control Bidg Phone Egomnt Room | TN | 1 | 7.60 | 7.60 | 207.90 | 1.580 | 0.00 | 0 | 120.00 | 912 |
| Personnel Elevator - 2.000 lb capacit | TN | 1 | 6.36 | 6,36 | 277.20 | 1,764 | 0.00 | 0 | 120.00 | 764 |
| Freight Elevator - 10.000 lb capacity | TN | 1 | 9.00 | 9.00 | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1.080 |
| Freight Elevator - Structural Steel | TN | 1 | 19.65 | 19.65 | 207.90 | 4.085 | 0.00 | 0 | 120.00 | 2.358 |
| Subtotal | | | | | | 110,752 | | 45,097 | | 67,977 |
| | | | | | | · | | - | | - |
| Fuel and Ash Structures | | | | | | | | | | _ |
| Ash Disposal Basin - Reinforced Con | CY | 1 | 2,852.00 | 2,852.00 | 81.60 | 232,723 | 83.00 | 236,716 | 0.00 | 0 |
| Ash Disposal Basin - pH Arialyzer | IN | 1 | 2.00 | 2.00 | 447,30 | 895 | 0.00 | 0. | 120.00 | 240 |
| Ash Disposal Basin Guard Rails | TN | 1 | 1.88 | 1.88 | 277.20 | 521 | 0,00 | 0 | 120.00 | 226 |
| Fuel Oil Transfer Pump w/ 100 hp mc | IN | 3 | 3.20 | 9.60 | 277.20 | 2,661 | 0.00 | 0 | 120.00 | 1,152 |
| F/O Transfer Pump Basket Strainer - | IN | 3 | 1.16 | 3.47 | 277.20 | 963 | 0.00 | 0 | 120,00 | 417 |
| F/O Transfer Pump/Mir Foundation - | CY | 1 | 185.00 | 185.00 | 81.60 | 15,096 | 83.00 | 15,355 | 0.00 | 0 |
| Fuel Oil Transfer Heater - Steel | TN | 4 | 9.23 | 36.92 | 277.20 | 10,234 | 0.00 | 0 | 120.00 | 4,430 |
| Day/ Light Off Tank / Dike - Reinf Cor | CY | 1 | 635.00 | 635.00 | 81.60 | 51,816 | 83.00 | 52,705 | 0.00 | 0 |
| Day Light Of Lank Fire Wall - Reint | CY | 1 | 4/7.00 | 4/7.00 | 81.60 | 38,923 | 83.00 | 39,591 | 0.00 | 0 |
| Piping, Vivs Under 4*- Steel | IN | 1 | 19.96 | 19.96 | 447.30 | 8,926 | 0.00 | 0 | 120.00 | 2,395 |
| Piping, Vivs 4" to 8" - Steel | 1N | 1 | 4.84 | 4.84 | 277.20 | 1,343 | 0.00 | 0 | 120.00 | 186 |
| Piping, Vivs Over 8" - Steel | IN | 1 | 217.10 | 217.10 | 207.90 | 45,135 | 0.00 | 0 | 120.00 | 26,052 |
| Piping Supports - Reinforced Concre | CY | 1 | 966.00 | 966.00 | 81.60 | /8,826 | 83.00 | 80,178 | 00.0 | 0 |
| Pipe Sieeves & Anchor Plates - Steel | | 1 | 10.00 | 10.00 | 447.30 | 4,4/3 | 0.00 | U 0 | 120.00 | 1,200 |
| Piping 4" to 8" - Iron | | 1 | 6.75 | 6.75 | 378.00 | 2,552 | 0.00 | U | 120.00 | - 810 |
| Mping Over 8" - Iron | | 1 | 1.45 | 1,45 | 378.00 | 548 | 0.00 | | 120.00 | 1/4 |
| Insulation | CY | 7 | 3.96 | 3.96 | 63.00 | 250 | 19.00 | /5 | 0.00 | 0 |
| Sudicitai | | | | | | 490,884 | | 424,620 | | 37,676 |
| Service Building | | | | · [| | | | | | |
| Superstructure - Reinforced Concrete | CY | 1 | 440.00 | 440.00 | 81.60 | 35,904 | 83.00 | 36,520 | 0.00 | 0 |
| Foundation - Reinforced Concrete | CY | 1 | 840.00 | 840.00 | 81.60 | 68,544 | 83.00 | 69,720 | 0.00 | D |
| Structural Steel | TN | 1 | 30,00 | 30,00 | 207.90 | 6,237 | 0.00 | 0 | 120.00 | 3,600 |
| Walls - Concrete Block 31,87 | CY | 1 | 494.39 | 494.39 | 32.64 | 16,137 | 83,00 | 41,034 | 0.00 | 0 |
| Interior Partitions - Conc Block 8,8 | CY | 1 | 137.64 | 137.64 | 32.64 | 4,493 | 83.00 | 11,424 | 0.00 | 0 |
| Pre-cast Floor Slabs - Concrete | CY | 1 | 370.26 | 370.26 | 32.64 | 12,085 | 83.00 | 30,732 | 0.00 | 0 |
| Pre-cast Roof Slabs - Concrete | CY | 1 | 422.82 | 422.82 | 32.64 | 13,801 | 83.00 | 35,094 | 0.00 | 0 |
| Built-up Roofing | TN | 1 | 72.37 | 72.37 | 32.64 | 2,362 | 83.00 | 6,007 | 0.00 | 0 |
| Air Conditioning Unit - 240,000 BTU | TN | 1 | 2.25 | 2.25 | 277,20 | 624 | 0.00 | 0 | 120.00 | 270 |
| Air Conditioning Unit - 167,000 BTU | TN | 1 | 2.20 | 2.20 | 277.20 | 610 | 0.00 | o | 120.00 | 264 |
| Air Conditioning Unit - 142,000 BTU | TN | 1 | 1.00 | 1.00 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| 5-Ton Machine Shop Bridge Crane | TN | 1 | 2.37 | 2.37 | 277.20 | 657 | 0.00 | 0 | 120.00 | 284 |
| Conduit - Aluminum | TN | 1 | 1.78 | 1.78 | 447.30 | 797 | 0.00 | 0 | 1020.00 | 1,817 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 12.92 | 12.92 | 447.30 | 5,780 | 0.00 | 0 | 120.00 | 1,551 |

| Removal, Disposal & Salvage | Jnit of leasur | Number of Compo- nents | Units of Measure per Component | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Costi | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of | Total Salvage Value |
|--|-------------------|---------------------------------|---|------------------------------|---|---------------------------|--|---------------------------|---------------------------------|---------------------------|
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 2.50 | 2.50 | 277.20 | 692 | 0.00 | 0080 | 120.00 | 200 |
| Piping 4" to 8" - Iron | TN | 1 | 9,80 | 9.80 | 378.00 | 3.703 | 0.00 | 0 | 120.00 | 1 176 |
| Subtotal | | | | | | 172,872 | | 230,531 | 120.00 | 9.381 |
| l | | | | | | | | | | -, |
| Other Buildings | - | | | | | | | | | |
| Foundations - Reinforced Concrete | CY | 1 | 353.00 | 353.00 | 81.60 | 28,805 | 83.00 | 29,299 | 0.00 | o |
| Walls - Concrete Block 8,16 | CY | 1 | 126.59 | 126.59 | 32.64 | 4,132 | 83.00 | 10,507 | 0.00 | 0 |
| Pre-cast Roots - Concrete | CY | 1 | 60.48 | 60.48 | 32.64 | 1,974 | 83.00 | 5,020 | 0.00 | 0 |
| Built-up Rooning | CY | 1 | 11,30 | 11.30 | 32.64 | 369 | 83.00 | 938 | 0.00 | 0 |
| Roor Supports - Steel (Intake Chlom | : TN | 1 | 1.86 | 1.86 | 277.20 | 515 | 0.00 | 0 | 120.00 | 223 |
| Subiotal | | | | | | 35,794 | | 45,763 | | 223 |
| Warehouses | | | | | | | | | | |
| Foundations - Reinforced Concrete | CY | 1 | 4 529 00 | 4 529 00 | 81.60 | 260 565 | 92.00 | 375 007 | 0.00 | |
| Structural Steel | TN | 1 | 469.50 | 469.50 | 207.00 | 309,300 | 03.00 | 375,907 | 100.00 | 50.040 |
| Siding/ Roofing - Steel | TN | 1 | 121.07 | 121.07 | 447 30 | 54 155 | 0.00 | 0 | 120.00 | 56,340 |
| Fencing - Aluminum | TN | 1 | 2.00 | 2.00 | 447.30 | 895 | 0.00 | 0 | 120.00 | 14,320 |
| Subtotal | | | | | | 522 225 | 0.00 | 375 007 | 1340.00 | 2,000 |
| | | | | | | 011,110 | | 010,801 | | 13,340 |
| Total Account 311 | | | | [| | 2,494,603 | | 2,065,022 | | 362,310 |
| FERC Account 312 | | | | | | | | | | |
| Boiler Plant Service Equipment | | | | | | | | | | |
| Feed Water System | | | | | | | | | | |
| Strong Acid Cation Exchanger - Stee | TN | 2 | 35.25 | 70.50 | 207.90 | 14,657 | 0.00 | , In | 120.00 | 8 460 |
| Weak Base Anion Exchanger - Steel | TN | 2 | 19.50 | 39.00 | 207.90 | 8,108 | 0.00 | ň | 120.00 | 4 690 |
| Strong Base Anion Exchanger - Stee | TN | 3 | 10.90 | 32.70 | 207.90 | 6,798 | 0.00 | õ | 120.00 | 3 924 |
| Mixed Bed Ion Exchanger - Steel | TN | 2 | 11.68 | 23.35 | 207.90 | 4,854 | 0.00 | ō | 120.00 | 2 802 |
| Air Compressor - 308 cfm w/ 40 hp m | TN | 1 | 1.00 | 1.00 | 447.30 | 447 | 0.00 | o | 120.00 | 120 |
| Acid Storage Tank - Steel | TN | 1 | 48.50 | 48,50 | 207.90 | 10,083 | 0.00 | o | 120.00 | - 5 820 |
| Caustic Storage Tank -Steel | TN | 1 | 7.50 | 7.50 | 277.20 | 2,079 | 0.00 | ō | 120.00 | 900 |
| Brine Measuring Tank - Steel | TN | 1 | 3.66 | 3.66 | 277.20 | 1,015 | 0.00 | ō | 120.00 | 439 |
| Brine Recirculation Control Panel - S | TN | 1 | 5.16 | 5.16 | 447.30 | 2,310 | 0.00 | 0 | 120.00 | 620 |
| Subtotal | | | | | | 50,351 | | 0 | | 27,765 |
| Boiler Wash System | | | | | | | | | | |
| Caustic Wash Service Tank/ Anitator | TN | 1 | 3.57 | 3.62 | 377 30 | 074 | 0.00 | | · | |
| Caustic Wash Mixing Tank/ Agitator | TN | 1 | 2.65 | 3.52 | 277.20 | 8/4 | 0.00 | 0 | 120.00 | 422 |
| Lime Slurry Moring Tank/ Agitator - Si | TN | 1 | 193 | 1 93 | 277.20 | 730 | 0.00 | 0 | 120.00 | 318 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 55 72 | 55 72 | 447 30 | 24 025 | 0.00 | 0 | 120.00 | 231 |
| Subtotal | | • | 00.12 | 35.72 | | 27,168 | 0.00 . | 0 | 120.00 | 6,687 |
| | | | | | | | | | | ,, |
| TOTAL ACCOUNT 312 | | | | | | 77,520 | | 0 | | 35,423 |
| FERC Account 315 | | | | | | | | | | |
| Accessory Electrical Equipment | | | | | | | | | | |
| Power Conversion Equipment | | | | | | | | | | |
| Start-up Transformer (6.9kva) | TN | 1 | 59.30 | 59.30 | 447.30 | 26,525 | 0.00 | 0 | 120.00 | 7,116 |
| Start-up Switchgear (6.9kva) | TN | 1 | 13.80 | 13.80 | 447.30 | 6,173 | 0.00 | 0 | 120.00 | 1.656 |

| | | Number | Units of Measure | Total | Removal Cost per | Total | Disposal | Total | Salvage | Tatal |
|---------------------------------------|-----------|--------|---------------------|-----------|---------------------|---------------|----------|-----------|-------------|---------|
| Removal, Disposal & Salvage | Init of | Compos | Der | iloite of | Light of | Permoval | COST per | Disposal | value | Cohiera |
| Cost Worksheet | leasu | nents | Component | Massura | Messure | Cost | Measure | Disposal | per Unit of | Saivage |
| 6.900V Non-segregated Phase Bus | TN | 1 | 6 78 | 6 78 | 447.30 | 3.033 | 0.00 | | 5000.00 | 22 000 |
| Start-up Transformer Foundation - Re | E CY | 1 | 133.00 | 133.00 | 81.60 | 10.853 | 83.00 | 11 030 | 0.00 | 33,500 |
| Station Svc Trnsfmr - 2,500 kva (oil- | TN | 1 | 7.80 | 7 80 | 447.30 | 3 489 | 0.00 | 11,039 | 120.00 | 036 |
| 480V Motor Control Center | TN | 1 | 3.50 | 3.50 | 447.30 | 1 566 | 0.00 | ő | 120.00 | 420 |
| 2400V Switchgear | TN | 1 | 7.57 | 7.57 | 447.30 | 3 384 | 0.00 | 0 | 120.00 | 420 |
| Neutral Grounding Transformer - Ste | TN | 2 | 4.00 | 8.00 | 447.30 | 3 578 | 0.00 | ő | 120.00 | 060 |
| Emergency Diesel Generator & Acce | TN | 1 | 11.83 | 11.83 | 277 20 | 3 278 | 0.00 | ő | 120.00 | 1 / 10 |
| 480V Emergency Diesel Load Center | TN | 1 | 3 70 | 3 70 | 447.30 | 1 655 | 0.00 | ő | 120.00 | 1,418 |
| Underground Conduit, Ducts - Reinf (| CY | 1 | 690.00 | 600 000 | 312.80 | 215 832 | 0.00 | 0 0 | 120.00 | |
| Conduit (underground) - Steel | TN | 1 | 47 70 | 47 70 | 378.00 | 18 031 | 0.00 | 0 | 120.00 | 5 724 |
| Conduit (exposed) - Steel | TN | 1 | 11 12 | 11 12 | 447 30 | 4 075 | 0.00 | 0 | 120.00 | 1 995 |
| Copper Wiring - Insulated | TN | 1 | 9.44 | 9.44 | 758.00 | 7 130 | 0.00 | 0 | 2100.00 | 10.830 |
| Total Account 315 | | • | 0.47 | 5.44 | 100.00 | 300 510 | 0.00 | 11 030 | 2100.00 | 74 649 |
| | | | | | | 508,510 | | 11,039 | | (4,040 |
| FERC Account 316 | | | | | | | | | | |
| Miscellaneous Power Plant Equipmen | <u>nt</u> | | | | | | | | | |
| Station Air Compressor (880 CFM) w | TN | 1 | 4.08 | 4.08 | 277.20 | 1,132 | 0.00 | 0 | 120.00 | 490 |
| Total Account 316 | | | | | | 1,132 | | 0 | | 490 |
| TOTAL MARTIN COMMON | | | | | | 2,882,764 | | 2,076,061 | | 472,871 |
| | | | | ł | | | | | | |
| EEBC Account 244 | | | | | | | | | | |
| Improvemente to Site | | | | | | | | | | |
| Vord Dising Didge | | | | | | | | | | |
| Structural Steel | TN | | 464.00 | 404.00 | 007.00 | 64 000 | | - | | |
| Subtatal | 114 | • | 104,00 | 104.00 | 207.90 | 34,096 | 0.00 | 0 | 120.00 | 19,680 |
| 50502 | | | | 1 | | 34,090 | | U | | 19,680 |
| Storm & Sanitary Sewer System | | | | | | | | | | |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 13.56 | 13.56 | 277.20 | 3,760 | 0.00 | o | 120.00 | · 1,628 |
| Piping, Vivs 4" to 8" - Iron | TN | 1 | 95.71 | 95.71 | 378.00 | 36,178 | 0.00 | 0 | 120.00 | 11,485 |
| Piping, Vivs Over 8" - Iron | TN | 1 | 71.64 | 71.64 | 378.00 | 27,080 | 0.00 | o | 120.00 | 8,597 |
| Fiberglass Piping, Vlvs | TN | 1 | 12.18 | 12.18 | 378.00 | 4,604 | 0.00 | 0 | 120.00 | 1,462 |
| Piping Over 8" - Reinforced Concrete | TN | 1 | 300.08 | 300.08 | 312.80 | 93,865 | 0.00 | o | 0.00 | 0 |
| Subtotal | | | | | | 165,487 | | 0 | | 23,171 |
| Yard Fire Protection System | | | | | | | | | | |
| Piping, Vivs 4" & Linder - Steel | TN | 1 | 5.02 | 5.02 | 447 30 | 2 244 | 0.00 | | 120.00 | 803 |
| Piping Vivs 4" to 8" - Steel | TN | 1 | 6.00 | 6.00 | 277.20 | 1 664 | 0.00 | Š | 120.00 | 700 |
| Piping 4" to 8" - Iron | TN | • | 2 16 | 2 16 | 378.00 | 816 | 0.00 | U O | 120.00 | 120 |
| Pining Over 8" - Imn | TN | 1 | 132 30 | 132 30 | 378.00 | 50 045 | 0.00 | 0 | 120.00 | 209 |
| Subtotal | | • | 132.35 | 132.38 | 378.00 | 54,768 | 0.00 | 0 | 120.00 | 15,887 |
| Circulating and Service Water System | | | | | | | | | | , |
| Open Cooling Water System | | | | | | | | | | |
| Intake Cooling Water Pump w/ motor | TN | 2 | 6.90 | 27.60 | 277.20 | 7,651 | 0.00 | 0 | 120.00 | 3 312 |
| Pump Basket Strainer (30") - Steel | TN | 2 | 3.99 | 15.95 | 277.20 | 4,421 | 0.00 | 0 | 120.00 | 1,914 |
| 36" Piping - Reinforced Concrete | TN | 1 | 1,034.91 | 2,069.82 | 312.80 | 647,439 | 0.00 | o | 0.00 | 0 |
| Piping, Vlvs Under 4" - Steel | TN | 1 | 58.27 | 116.54 | 447.30 | 52,129 | 0.00 | 0 | 120.00 | 13,985 |

| [| | Number | Units | | Removal | | Disposal | | Salvage | |
|---|----------|--------|------------|-----------|-----------------|-----------|----------|-----------|-------------|---------|
| | | of | of Measure | Total | Cost per | Total | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Jnit of | Compo- | per | Units of | Unit of | Removal | Unit of | Disposal | per Unit of | Salvage |
| Cost Worksheet | leasu | nents | Component | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 35.23 | 70.45 | 277.20 | 19,529 | 0.00 | 0 | 120.00 | 8,454 |
| Subtotal | | | | ľ | | 731,170 | | 0 | | 27,665 |
| Intake Structure Equipment & Piping | _ | | | | | | | | | |
| Traveling Water Screen - Steel | TN | 4 | 18.03 | 144.25 | 207.90 | 29,990 | 0.00 | 0 | 120.00 | 17,310 |
| Screen Wash Pump w/ motor | TN | 4 | 2.13 | 17.00 | 277.20 | 4,712 | 0.00 | 0 | 120.00 | 2.040 |
| Trash Rake - Akuminum | TN | 4 | 2.00 | 16.00 | 277,20 | 4,435 | 0.00 | 0 | 1340.00 | 21,440 |
| 5-ton Electric Hoist | TN | 1 | 1.50 | 3.00 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Intake Piping (66") - Reinforced Cone | CY | 1 | 5,474.10 | 5,474.10 | 312.80 | 1,712,298 | 0.00 | 0 | 0.00 | ò |
| Subtotal | | | | | | 1,752,268 | | 0 | | 41,150 |
| Discharge Piping | | | | | | | | | | |
| Discharge Piping (66") - Reinforced (| CY | 1 | 615.26 | 615.26 | 312.80 | 192,453 | 0.00 | 0 | 0.00 | 0 |
| Discharge Piping (114") - Reinforced | CY | 1 | 2.764.80 | 2.764.80 | 312.80 | 864.829 | 0.00 | 0 | 0.00 | 0 |
| Subtotal | | | _, | | | 1,057,282 | 0.00 | 0 | 0.00 | 0 |
| Station Structures | | | | | | | | | | |
| Spread Footings - Reinforced Concre | CY | 1 | 13,286.00 | 13 286 00 | 81.60 | 1 084 138 | 83.00 | 1 102 738 | 0.00 | |
| Footings, Piers & Grade Beams - Re | CY | 1 | 3 909 00 | 3 909 00 | 81.60 | 318 974 | 83.00 | 324 447 | 0.00 | 0 |
| Ground Floor Slabs - Reinforced Cor | CY | 1 | 5 207 00 | 5 207 00 | 81.60 | 424 801 | 83.00 | 422 191 | 0.00 | 0 |
| Turbine Generator Building - Structur | TN | 1 | 892.00 | 892.00 | 207 90 | 185 447 | 0.00 | 402,107 | 120.00 | 407 040 |
| T-G Bidg - Stainways & Handrailing | TN | i | 60 16 | 80 16 | 207.80 | 16 677 | 0.00 | Š | 120.00 | 107,040 |
| Flevated Slabs - Reinforced Concrete | cv | 4 | 1 043 00 | 2 086 00 | 211.20 91.60 | 170,077 | 0.00 | 170.400 | 120.00 | 7,219 |
| Grating & Floor Plating Steel 7.1 | TN | 4 | 20.02 | 2,000.00 | 277.20 | 170,210 | 0.00 | 173,136 | 0.00 | 0 |
| Lift Station Structure/ Endation - Rein | CV. | - | 870.00 | 970.00 | 211.20 91.60 | 21,000 | 0.00 | 70.040 | 120.00 | 9,367 |
| Lift Station Purns w/ 40 bo motor | TN | 2 | 1 30 | 5 201 | 277.20 | 10,852 | 03.00 | 12210 | 0.00 | 0 |
| Lift Station Purm w/ 125 bo motor | TN | 2 | 2.42 | 0.69 | 277.20 | 2 602 | 0.00 | Ű | 120.00 | 624 |
| Conduit - Steel | TN | 4 | 70.01 | 70.01 | 211.20 | 2,003 | 0.00 | 0 | 120.00 | 1,162 |
| Insulated Cooper Mining | ŤN | | 79.01 | 2.00 | 758.00 | 35,341 | 0.00 | 0 | 120.00 | 9,481 |
| Pining Vive Linder 4* Steel | TM | 4 | 2.50 | 2.80 | 730.00 | 2,194 | 0.00 | 0 | 2100.00 | 6,094 |
| Dioing Vive 4" to 9" Steel | TN | , 4 | 2.90 | 280 | 447.30 | 1,331 | 0.00 | U | 120.00 | - 357 |
| Piping, Vivs 4 to 6 - Steel | The | 1 | 30,87 | 30.87 | 277.20 | 8,557 | 0.00 | 0 | 120.00 | 3,704 |
| Piping, vivs Over 8 - Steet | 10 | 1 | 3.90 | 3.90 | 207.90 | 810 | 0.00 | 0 | 120.00 | 468 |
| Piping, vivs Under 4 - Iron | 1N Th | 1 | 1.34 | 1.34 | 378.00 | 506 | 0.00 | 0 | 120.00 | 161 |
| Phping, Vivs 4" to 5" - Iron | | 1 | 44.50 | 44.50 | 378.00 | 16,822 | 0.00 | 0 | 120.00 | 5,340 |
| Phping, vivs Over 8 - Iron | IN | 1 | 34,98 | 34.98 | 378.00 | 13,221 | 0.00 | 0 | 120.00 | 4,197 |
| 15" Piping - Keinforced Concrete | CY | 1 | 15.05 | 15.05 | 312.80 | 4,707 | 0.00 | 0 | 0.00 | 0 |
| Subtotal | | | | | | 2,380,588 | | 2,104,714 | | 155,214 |
| Total Account 311 | | | | | | 6,175,659 | | 2,104,714 | | 284,349 |
| FERC Account 312 | | | | | | | | | | |
| Boller Plant Service Equipment | | | | | | | | | | |
| Fuel Oil Day Tank - Steel 24.00 | TN | 2 | 105.00 | 420.00 | n/a | 34,090 | n/a | n | 120.00 | 50.400 |
| Fuel Oil Day Tank - Cleaning | EA | 2 | | | n/a | 000,00 | n/a | 150.000 | 0.00 | ,400 |
| Fuel Oil Day Tank - Steel - Foundatic | EA | 2 | | | o/a | ő | n/a | 135 330 | 0.00 | |
| Fuel Oil Day Tank - Soil Remediation | EA | 2 | | • | n/a | ő | n/a | 55 520 | 0.00 | 0 |
| Fuel Oil Burner Pump Heater - Steel | TN | 1 | 7.08 | 14,16 | 277.20 | 3 925 | 0.00 | 00,020 | 120.00 | 1 600 |
| Light Oil Tank - Steel 142 bbl | TN | 1 | 16.00 | 32.00 | n/a | 6 818 | 0.00 | ő | 120.00 | 3 840 |
| Light Oil Tank - Steel - Cleaning Co | st | | | | n/a | 0 | n/a | 6,109 | 120.00 | 0,040 |
| • | | | | | | - | | | | v |

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| | - | Number | Units | | Removal | | Disposal | | Salvage | |
|--------------------------------------|---------|--------|------------|----------|----------|-----------|----------|---|-------------|-------------------|
| | | 01 | of Measure | lotai | Cost per | Iotal | Cost per | Total | Value | Total |
| Removal, Disposal & Salvage | Jnit of | Compo- | per | Units of | Unit of | Removal | Unit of | Disposal | per Unit of | Salvage |
| Lista Oil Table Charle Foundation | easu | nents | Component | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Light Oil Tank - Steel - Foundation | | | | ; | nva | 0 | nva , | 7,518 | 120.00 | 0 |
| Eight Oil Tank - Steel - Soil Remedi | ation | | | (0.00 | nva | 10 000 | nva | 3,084 | 120.00 | 0 |
| Burner Fuel Oil Heater - Steel | | 0 | 3.92 | 40.90 | 277.20 | 13,023 | 0.00 | 0 | 120.00 | 5,638 |
| Foel OII Burner Pump/ Motor | | 3 | 2.42 | 14.52 | 277.20 | 4,025 | 0.00 | 0 | 120.00 | 1,742 |
| Basket Strainer (18") - Steel | IN | 2 | 1.16 | 4.63 | 277.20 | 1,283 | 0.00 | 0 | 120.00 | 556 |
| Fuel Oil Burner Booster Pump w/ mo | TN | 2 | 4.74 | 18.96 | 277.20 | 5,256 | 0.00 | 0 | 120.00 | 2,275 |
| Forced Draft Fan | IN | 4 | 20.30 | 162.40 | 207.90 | 33,763 | 0.00 | 0 | 120.00 | 19,488 |
| Forced Draft Fan Motor | TN | 4 | 13.26 | 106.04 | 207.90 | 22,046 | 0.00 | 0 | 120.00 | 12,725 |
| Insulation | CY | 1 | 75.00 | 75.00 | 63.00 | 4,725 | 19.00 | 1,425 | 0.00 | 0 |
| Forced Draft Fan Hydraulic Coupling | TN | 4 | 7.75 | 62.00 | 277.20 | 17,186 | 0.00 | ၀ | 120.00 | 7,440 |
| Gas Induction Fan | ΤN | 2 | 36.50 | 148.00 | 207.90 | 30,353 | 0.00 | 0 | 120.00 | 17,520 |
| Gas Induction Fan Motor | TN | 2 | 12.70 | 50.80 | 207.90 | 10,561 | 0.00 | 0 | 120.00 | 6,096 |
| Gas Induction Fan Hydraulic Coupline | TN | 2 | 9,25 | 37.00 | 277.20 | 10,256 | 0.00 | 0 | 120.00 | 4,440 |
| F/D Fan & G/I Fan Foundations - Rei | CY | 1 | 2,665.00 | 2,665.00 | 81.60 | 217,464 | 83.00 | 221,195 | 0.00 | 0 |
| Breeching Foundations - Reinforced | CY | 1 | 130.00 | 260.00 | 81.60 | 21,216 | 83.00 | 21,580 | 0.00 | 0 |
| Steel Support - Fan Removal | TN | 1 | 136.00 | 272.00 | 207.90 | 56,549 | 0.00 | 0 | 120.00 | 32,640 |
| Ductwork - Steel (53,761 sf x 1 | TN | 1 | 274.18 | 548.37 | 277.20 | 152,007 | 0.00 | 0 | 120.00 | 65,804 |
| Forced Draft Fan Hoist - 7 1/2 Ton | TN | 2 | 1.35 | 5.40 | 277.20 | 1,497 | 0.00 | 0 | 120.00 | 648 |
| Gas Induction Fan Hoist - 7 1/2 Ton | TN | 2 | 1.19 | 4.76 | 277.20 | 1,319 | 0.00 | 0 | 120.00 | 571 |
| Insulated Copper Wire | TN | 1 | 4.17 | 8.34 | 756.00 | 6,305 | 0.00 | 0 | 2100.00 | 17.513 |
| Conduit - Aluminum | TN | 1 | 19.90 | 39.81 | 447.30 | 17,806 | 0.00 | 0 | 1020.00 | 40,605 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 122.18 | 122.18 | 447.30 | 54,653 | 0.00 | o | 120.00 | 14,662 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 80.37 | 80.37 | 277.20 | 22,277 | 0.00 | 0 | 120.00 | 9.644 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 118.31 | 118.31 | 207.90 | 24,597 | 0.00 | 0 | 120.00 | 14,198 |
| Piping, Vivs 4" to 8" - Iron | TN | 1 | 39.50 | 39,50 | 378.00 | 14,930 | 0.00 | o | 120.00 | 4,740 |
| Piping, Vivs Over 8" - Iron | TN | 1 | 66.35 | 66.35 | 378.00 | 25,079 | 0.00 | o | 120.00 | 7.962 |
| Piping, Vivs - Fiberglass | CY | 1 | 1.75 | 1.75 | 32.64 | 57 | 19.00 | 33 | 0.00 | 0 |
| 15" Piping - Reinforced Concrete | CY | 1 | 8.31 | 8.31 | 312.80 | 2,599 | 0.00 | o | 0.00 | ő |
| Piping Foundations - Reinforced Con | CY | 1 | 214.00 | 214.00 | 81.60 | 17,462 | 83.00 | 17,762 | 0.00 | ő |
| Pioing Insulation | CY | 1 | 59.09 | 59.09 | 63.00 | 3,723 | 19.00 | 1,123 | 0.00 | |
| Subtotal | | • | | | | 836,853 | • | 620 679 | 0.00 | 342.845 |
| | | | | | | | | | | 012,010 |
| | | | | | | | | | | 1 |
| Boiler Plant Environment | | | | | | 4 | | | | 1 |
| Structural Steel | TN | 1 | 6.214.00 | 6.214.00 | 207 90 | 1,291,891 | 0.00 | 0 | 120.00 | 745 680 |
| Checkemiate - Steel 49 094 | TN | 1 | 220.92 | 441 84 | 277 20 | 122 478 | 0.00 | ő | 120.00 | 743,000 53,001 |
| Handrailing Steel 12 216 | TN | 1 | 30 54 | 61.08 | 277.20 | 16 931 | 0.00 | 0 | 120.00 | 33,021 |
| Steam Concention Linit - including: | 114 | • | 00,04 | 01.00 | 211.20 | 10,001 | 0.00 | v | 120.00 | 7,330 |
| Steam Days Internale Support | ты | 2 | 272 50 | 1 000 00 | 207.00 | 226 611 | 0.00 | | 420.00 | |
| Burnet Area & Marthaus, Supports | 111 | 1 | P1 50 | 182.00 | 207.80 | 220,011 | 0.00 | , in the second s | 120,00 | 130,800 |
| Domer Area & Windoxes | TM | 4 | 816.50 | 1 632 04 | 207,90 | 33,000 | 0.00 | 0 | 120.00 | 19,560 |
| Heat Descuse: Amo | TM | - | 202.00 | 596.00 | 207.90 | 124 820 | 0.00 | | 120.00 | 195,960 |
| | | 1 | 293.00 | 00.00 | 207.90 | 121,629 | 0.00 | 0 | 120.00 | 70,320 |
| Hopper Azea | | | 13.00 | 21.00 | 201.90 | 5,013 | 0.00 | 0 | 120.00 | 3,240 |
| vvater vvalis/ neaders | TN | 4 | 1,753.00 | 3,506.00 | 207,90 | /28,89/ | 0.00 | 0 | 120.00 | 420,720 |
| Lowncomers | IN | 1 | 675.00 | 1,350.00 | 207.90 | 260,665 | 0.00 | 0 | 120.00 | 162,000 |
| All Preneater | IN | 2 | 667.50 | 2,670.00 | 207.90 | 555,093 | 0.00 | 0 | 120.00 | 320,400 |
| Steam Coll Air Heater | IN | 1 | 15.24 | 30.48 | 207.90 | 6,337 | 0.00 | 0 | 120.00 | 3,658 |
| Superheater | IN | 1 | 1,001.00 | 2,002.00 | 207.90 | 416,216 | 0.00 | 0 | 120.00 | 240,240 |
| Keheater | IN | 1 | 942.50 | 1,885.00 | 207.90 | 391,892 | 0.00 | 0 | 120.00 | 226.200 |

| Removal, Disposal & Salvage | Jnit of | Number of Compo- | Units of Measure per | Total Units of | Removal Cost per Unit of | Total Removal | Disposal Cost per Unit of | Total | Salvage Value | Total |
|--------------------------------------|---------|------------------------|----------------------------|-------------------|--------------------------------|------------------|---------------------------------|--------|------------------|-----------|
| Cost Worksheet | leasui | nents | Component | Measure | Measure | Cost | Measure | Coet | per Unit or | Salvage |
| Economizer | TN | 1 | 731.50 | 1,463.00 | 207.90 | 304,158 | 0.00 | 0 | 120.00 | Value |
| Flues/ Ductwork | TN | 1 | 689.50 | 1,379.00 | 277.20 | 382,259 | 0.00 | ů | 120.00 | 175,560 |
| Boiler Setting - Insulation | CY | 1 | 2,090.40 | 4,180.80 | 81.60 | 341,153 | 19.00 | 79 435 | 0.00 | 105,480 |
| Soot Blower | TN | 32 | 1.95 | 124.80 | 277.20 | 34.595 | 0.00 | 10,400 | 120.00 | 14 070 |
| Soot Blower Support Steel | TN | 1 | 20.00 | 40.00 | 277.20 | 11.088 | 0.00 | 0 | 120.00 | 14,976 |
| Safety/ Relief Valves (total) | TN | 1 | 14.00 | 28.00 | 277.20 | 7.762 | 0.00 | 0 | 120.00 | 4,800 |
| Safety/ Relief Valve Silencers | TN | 1 | 35.00 | 70.00 | 277.20 | 19,404 | 0.00 | ő | 120.00 | 3,360 |
| Instrument Air Compressor w/ 100 hp | TN | 2 | 6.30 | 25.20 | 277.20 | 6,985 | 0.00 | 0 | 120.00 | 8,400 |
| Instrument Air Dryer | TN | 1 | 2.00 | 4.00 | 277.20 | 1,109 | 0.00 | Š | 120.00 | 3,024 |
| Compressor Foundations - Reinforce | CY | 1 | 15.00 | 15.00 | 81.60 | 1 224 | 83.00 | 1 245 | 120.00 | 480 |
| Boiler Combustion Controls | TN | 1 | 3.50 | 7.00 | 447.30 | 3 131 | 0.00 | 1,240 | 0.00 | 0 |
| Steam and Water Sampling System | TN | 1 | 1.50 | 3.00 | 447.30 | 1.342 | 0.00 | ő | 120.00 | 840 |
| Air Preheater Cleaning & Washing S | TN | 2 | 1.34 | 5.35 | 447.30 | 2.391 | 0.00 | ő | 120.00 | 360 |
| Piping, Vivs Under 4" - Steel | ĩΝ | 1 | 65.95 | 65,95 | 447.30 | 29 498 | 0.00 | 0 | 120.00 | 642 |
| Piping, VIvs 4" to 8" - Steel | TN | 1 | 30,45 | 30,45 | 277.20 | R 441 | 0.00 | 0 | 120.00 | 7,914 |
| Piping, Vlvs Over 8" - Steel | TN | 1 | 15.50 | 15 50 | 207.90 | 3 222 | 0.00 | 0 | 120.00 | 3,654 |
| Piping Insulation | CY | 1 | 8.34 | 8.34 | 63.00 | 525 | 10.00 | 0 | 120.00 | 1,860 |
| Subtotal | | | | | | 5 606 120 | 19.00 | 158 | 0.00 | 0 |
| | | | | | | 3,050,125 | - | 80,839 | | 2,990,477 |
| Boiler Plant Auxiliaries | | | | [| | | | | | |
| Feedwater System | • | | | | | | | | | |
| #1 Low Pressure Feedwater Heater - | TN | 2 | 30.85 | 123.40 | 207 90 | 25 855 | 0.00 | , i | | |
| #2 Low Pressure Feedwater Heater - | TN | 2 | 21.95 | 87 80 | 207.00 | 20,000 | 0.00 | 0 | 120.00 | 14,808 |
| #3 Low Pressure Feedwater Heater - | TN | 1 | 41.80 | 83 60 | 207.00 | 17 990 | 0.00 | 0 | 120.00 | 10,536 |
| #4 Low Pressure Feedwater Heater - | TN | 1 | 42.80 | 85.60 | 207.00 | 17,300 | 0.00 | 0 | 120.00 | 10,032 |
| #5 Low Pressure Feedwater Heater - | TN | 1 | 53 65 | 107.30 | 207.00 | 22.200 | 0.00 | 0 | 120.00 | 10,272 |
| #6 High Pressure Feedwater Heater | TN | 2 | 48 15 | 192.60 | 207.00 | 22,300 | 0.00 | 0 | 120.00 | 12,876 |
| #7 High Pressure Feedwater Heater | TN | 2 | 53.50 | 214.00 | 207.90 | 40,042 | 0.00 | 0 | 120.00 | 23,112 |
| Condensate Recovery Drain Cooler - | TN | 1 | 1.00 | 2 00 | 447 30 | 44,491 | 0.00 | 0 | 120.00 | 25,680 |
| Condensate Recovery Vent Condens | TN | 1 | 1 25 | 2.00 | 277.00 | 095 | 0.00 | 0 | 120.00 | 240 |
| Boiler Feed Pump | TN | 2 | 14 48 | 57.90 | 207.00 | 693 | 0.00 | 0 | 120.00 | · 300 |
| Soiler Feed Pump Motor | TN | 2 | 13.03 | 52 10 | 207.50 | 12,037 | 0.00 | 0 | 120.00 | 6,948 |
| Boiler Feed Pump Lube Oil Reservoir | TN | 2 | 2 76 | 10 80 | 207.90 | 10,832 | 0.00 | 0 | 120.00 | 6,252 |
| Boiler Feed Pump Lube Oil Batch Ta | TN | 1 | 1.03 | 3.96 | 277.20 | 2,994 | 0.00 | 0 | 120.00 | 1,296 |
| Boiler Feed Pump Lube Oil Condition | TN | 1 | 1.00 | 2.00 | 217.20 | 1,070 | 0.00 | 0 | 120.00 | 463 |
| Heater Drain Pump/ Motor | TN | 2 | 5.05 | 2.00 | 447.30 | 695 | 0.00 | 0 | 120.00 | 240 |
| Heater Drain Pump Strainer - Steel | TN | 2 | 1.00 | 23.00 | 211.20 | 6,597 | 0.00 | 0 | 120.00 | 2,856 |
| Heater Drain Pmo/ Mtr Foundation - I | CY | 1 | 10.00 | 4.00 | 447.30 | 1,789 | 0.00 | 0 | 120.00 | 480 |
| Condensate Storage Tank - 400 000 | | - | 49.00 | 20.00 | 01.10 | 1,632 | 83.00 | 1,660 | 0.00 | 0 |
| Condensate Strn Tank Foundation - I | CV. | - | 40.00 | 96.00 | 207.90 | 19,958 | 0.00 | 0 | 120.00 | 11,520 |
| Condensate Recovery Tank - Stori | TN | 4 | 214.00 | 274.00 | 81.60 | 22,358 | 83.00 | 22,742 | 0.00 | 0 |
| Condensate Row Tank Foundation | CY. | 4 | 9.30 | 18.09 | 277.20 | 5,182 | 0.00 | 0 | 120.00 | 2.243 |
| Condensate Recovery Flash Tank - 4 | TN | 4 | 32,00 | 32.00 | 81.60 | 2,611 | 83.00 | 2,656 | 0.00 | 0 |
| Blowdown Tank - Steel | TM | 4 | 1.41 | 2.82 | 277.20 | 782 | 0.00 | 0 | 120.00 | 339 |
| Blowdown Tank Silancer - Steel | TN | 1 | 0.33 | 12.65 | 277.20 | 3,507 | 0.00 | 0 | 120.00 | 1.518 |
| Blowdown Tank Foundation Dainf C | CY | 4 | 1.42 | 2.84 | 277.20 | 787 | 0.00 | 0 | 120.00 | 341 |
| Boiler Blowdown Host Evolution | TN | 4 | 10.00 | 20.00 | 81.60 | 1,632 | 83,00 | 1,660 | 0.00 | 0 |
| System Piping Viet Loder 4" Start | TN | 1 | 1.95 | 3.90 | 277.20 | 1,081 | 0.00 | 0 | 120.00 | 468 |
| System Diving, Vive 4" to 9" Chest | TM | 1 | 102.10 | 102.10 | 447.30 | 45,669 | 0.00 | 0 | 120.00 | 12,252 |
| Starm Lind Anz 4 RO - 2066 | 1 N | 1 | 88.04 | 88.04 | 277.20 | 24,406 | 0.00 | O | 120.00 | 10,565 |

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| | | Number | Units of Measure | Total | Removal Cost ner | Total | Disposal Cost per | Total | Salvage Value | Total |
|---------------------------------------|---------|--------|---------------------|-----------|---------------------|------------|----------------------|-----------|------------------|-----------|
| Removal, Disposal & Salvage | Joit of | Compo- | Der | Linits of | Unit of | Removal | Unit of | Disnosal | ner linit of | Salvaga |
| Cost Worksheet | leasu | nents | Component | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| System Piping, Vivs Over 8* - Steel | TN | 1 | 52.95 | 52.95 | 207.90 | 11,008 | 0.00 | 0 | 120.00 | 6.354 |
| System Insulation | CY | 1 | 70.12 | 70.12 | 63.00 | 4,418 | 19.00 | 1.332 | 0.00 | 0 |
| Subtotal | | | | | | 368,758 | | 30,050 | | 171,991 |
| | | | | | | | | | | |
| Closed Cooling Water System Equipment | nt | | | | | | | | | 1 |
| Cooling Water Pump w/ 300 hp moto | TN | 2 | 3.42 | 13.68 | 277.20 | 3,792 | 0.00 | 0 | 120.00 | 1,642 |
| Cooling Water Pump Strainer (20") - | TN | 2 | 1.33 | 5.33 | 277.20 | 1,477 | 0.00 | 0 | 120.00 | 640 |
| Cooling Water Heat Exchanger - Ster | TN | 2 | 24.00 | 96.00 | 207.90 | 19,958 | 0.00 | 0 | 120.00 | 11,520 |
| Pmp/mtr, Heat Exchanger Findtions - | CY | 1 | 9 1.00 | 91.00 | 81.60 | 7,426 | 83.00 | 7,553 | 0.00 | 0 |
| Cooling Water Surge Tank - Steel | TN | 1 | 2.01 | 4.01 | 277.20 | 1,112 | 0.00 | 0 | 120.00 | 481 |
| Subtotal | | | | | | 33,765 | | 7,553 | | 14,283 |
| Boiler Plant Piping - All Systems | | | | | | | | | | |
| Piping, Vivs Under 4* - Steel | TN | 1 | 658.89 | 658.89 | 447.30 | 294,721 | 0.00 | 0 | 120.00 | 79,067 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 448.78 | 448.78 | 277.20 | 124,400 | 0.00 | o | 120.00 | 53,853 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 2,120.18 | 2,120.18 | 207.90 | 440,785 | 0.00 | 0 | 120.00 | 254 422 |
| Copper Tubing | TN | 1 | 19.25 | 19.25 | 447.30 | 8,609 | 0.00 | 0 | 5000.00 | 96,230 |
| Steel Tubing | TN | t | 1.57 | 1.57 | 447.30 | 700 | 0.00 | 0 | 120.00 | 188 |
| Piping Insulation | CY | 1 | 253.64 | 253.64 | 63.00 | 15,979 | 19.00 | 4,819 | 0.00 | o |
| Subtotal | | | | | | 885,196 | | 4,819 | | 483,759 |
| Induced Draft Equipment | | | | | | | | | | (|
| Induced Draft Fan | TN | 4 | 52.85 | 422.80 | 207.90 | 87,900 | 0.00 | o | 120.00 | 50,736 |
| Induced Draft Fan Motor - 4,500 hp | TN | 4 | 16,50 | 132.00 | 207.90 | 27,443 | 0.00 | 0 | 120.00 | 15.840 |
| Induced Draft Fan Hydraulic Coupling | TN | 4 | 15.00 | 120.00 | 207.90 | 24,948 | 0.00 | 0 | 120.00 | 14,400 |
| ID Fans/ Motors Foundation - Reinf C | CY | 1 | 2,211.00 | 2,211.00 | 81.60 | 180,418 | 83.00 | 183,513 | 0.00 | o |
| I/D Fan Hoist - 20 Ton | TN | 1 | 2.10 | 4.20 | 277.20 | 1,164 | 0.00 | o | 120.00 | 504 |
| Dust Collector, Vibrating System, Our | TN | 1 | 512.50 | 1,025.00 | 277.20 | 284,130 | 0.00 | 0 | 120.00 | 123,000 |
| Stack Breeching Foundation - Reinf (| CY | 1 | 641.00 | 641.00 | 81.60 | 52,306 | 83.00 | 53,203 | 0.00 | 0 |
| Ductwork - Steel (70,395 sf x 1 | TN | 1 | 359.02 | 718.03 | 277.20 | 199,039 | 0.00 | 0 | 120.00 | 86,164 |
| Ash Pits - Reinforced Concrete | CY | 1 | 68.00 | 68.00 | 81.60 | 5,549 | 83.00 | 5,644 | 0.00 | 0 |
| Ash Water Pump w/ 40 hp motor | TN | 2 | 1.18 | 4.70 | 277.20 | 1,303 | 0.00 | 0 | 120.00 | 564 |
| Stack Foundation - Reinforced Conci | CY | 1 | 6,160.00 | 6,160.00 | 81.60 | 502,656 | 83.00 | 511,280 | 0.00 | 0 |
| Stack - Reinforced Concrete | CY | 1 | 3,851.00 | 7,702.00 | 81.60 | 628,483 | 83.00 | 639,266 | 0.00 | 0 |
| Stack Lining - Concrete Brick | CY | 1 | 3,760.80 | 7,521.60 | 32.64 | 245,505 | 83.00 | 624,293 | 0.00 | 0 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 2,63 | 2.63 | 447.30 | 1,174 | 0.00 | 0 | 120.00 | 315 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 2,93 | 2.93 | 277.20 | 813 | 0.00 | 0 | 120.00 | 352 |
| Piping, Vivs Over 8" - Steel | TN | 1 | 128.26 | 128.26 | 207.90 | 26,665 | 0.00 | 0 | 120.00 | 15,391 |
| Insulation | CY | 1 | 18.37 | 18.37 | 63.00 | 1,157 | 19.00 | 349 | 0.00 | 0 |
| Subtotal | | | | | | 2,270,653 | | 2,017,548 | | 307,266 |
| Miscellaneous Equipment & Steel | TN | 1 | 360.94 | 360.94 | 447.30 | 161,448 | 0.00 | o | 120.00 | 43,313 |
| Total Account 312 | | | | | | 10,252,803 | | 2,761,488 | | 4,353,934 |
| Account 314 - Turbogenerator Unit | | | - | • | | | | (| | |
| Foundations | | | | | | | | 1 | | |
| Turbine Pedestal - Reinforced Concre | CY | 1 | 6,222.00 | 6,222.00 | 81.60 | 507,715 | 83.00 | 516,426 | 0.00 | 0 |
| Subtotal | | | | | | 507,715 | | 516,426 | | 0 |

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| Removal, Disposal & Salvage Cost Worksheet | Jnit of | Number of Compo- nents | Units of Measure per Component | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Total Salvage Value |
|--|----------|---------------------------------|---|------------------------------|---|--------------------------|--|---------------------------|--|---------------------------|
| Turbogenerator Equipment | | | | | | | | | | |
| Turbine Generator | TN | 1 | 683 85 | 1 367 69 | 157.50 | 215 411 | 0.00 | A. | 170.00 | 464 400 |
| Main Lube Oil Pump w/ motor | TN | 1 | 3.00 | 6.00 | 277 20 | 1 663 | 0.00 | 0 | 120.00 | 104,123 |
| Aux Lube Oil Pump w/ motor | TN | 1 | 2.00 | 4 00 | 277 20 | 1 109 | 0.00 | 0 | 120.00 | 120 |
| Lube Oil Conditioning Tank - Steel | TN | 1 | 3 27 | 6 54 | 277 20 | 1 813 | 0.00 | 0 | 120.00 | 400 |
| Lube Oil Batch Tank - 15.000 gal | TN | 1 | 12.20 | 24 40 | 207.90 | 5.073 | 0.00 | 0 | 120.00 | 100 |
| Piping, Vivs Under 4" - Steel | TN | 1 | 26.78 | 26 78 | 447.30 | 11 979 | 0.00 | 0 | 120.00 | 2,920 |
| Piping, Vivs 4" to 8" - Steel | TN | 1 | 11.61 | 11 61 | 277 20 | 3 218 | 0.00 | 0 | 120.00 | 3,214 |
| Subtotal | | - | | | | 240,265 | 0.00 | | 120,00 | 1,393 |
| Condenser and Auviliarias | | | |] | | | i | | | |
| Condenser Shall Steel | - TN | 4 | 404.04 | 040.40 | 207.00 | 470.000 | | | | |
| Condenser Tubos Aluminum R-on | Th | 4 | 424.24 | 040.40 | 207.90 | 176,399 | 0.00 | 0 | 120.00 | 101,818 |
| Condenser Tubes - Auminum-Brass | TN | | 433.94 | 007.87 | 447.30 | 388,198 | 0.00 | 0 | 2800.00 | 2,430,036 |
| Condenser Foundation Bainformed | | 1 | 10.14 | 30.28 | 447.30 | 13,542 | 0.00 | 0 | 4000,00 | 121,104 |
| Condensate Putro w/ 2 250 be mote | | 1 | 132.00 | 204.00 | 81.60 | 21,542 | 83.00 | 21,912 | 0.00 | 0 |
| Condensate Pump Wr 2,250 hp (hoto | Th | 2 | 14.71 | 38.64 | 207.90 | 12,233 | 0.00 | 0 | 120.00 | 7,061 |
| Circ Water Priming Vacuum Pumple | | 2 | 1.65 | 7.40 | 277.20 | 2,051 | 0.00 | 0 | 120.00 | 888 |
| Honging Figster, Other Figster Asses | 1 11N | | 2.80 | 5.70 | 277.20 | 1,580 | 0.00 | 0 | 120.00 | 684 |
| Diving View Linder 4" Chart | TN | 1 | 9.00 | 18.00 | 277.20 | 4,990 | 0.00 | 0 | 120.00 | 2,160 |
| Piping, Vivs Under 4 - Steel | 1N 7D | 1 | 19.58 | 19.58 | 447.30 | 8,757 | 0.00 | 0 | 120.00 | 2,349 |
| Fiping, Vivs 4 to 8 - Steel | TN | 1 | 10.80 | 10.80 | 277.20 | 2,993 | 0.00 | 0 | 120.00 | 1,296 |
| Suntan Inculation | | 1 | 16.12 | 16.12 | 207.90 | 3,352 | 0.00 | D | 120.00 | 1,935 |
| Subtotal | Cr | 1 | 17.13 | 17.13 | 63.00 | | 19.00 | 326 | 0.00 | 2,669,330 |
| Circulating Water System | | | | | | | | | | |
| Pump - 100,000 gpm | TN | 4 | 41.50 | 332.00 | 207.90 | 69.023 | 0.00 | ما | 120.00 | 39.840 |
| Pump Motor - 1,000 hp | TN | 4 | 12.10 | 96.80 | 207.90 | 20,125 | 0.00 | ő | 120.00 | 11 816 |
| Subtotal | | | | | | 89,148 | | 0 | 120.00 | 51,456 |
| Miscellaneous Equipment & Steel | TN | 1 | 62.28 | 62.28 | 447.30 | 27,858 | 0.00 | o | 120.00 | 7,474 |
| Total Account 314 | | | | | | 1,501,703 | | 538,664 | | 2,901,902 |
| Account 315 - Accessory Electrical E | quipme | mt | | | | | | | | |
| Generator Leads & Supports | | | | | | | | ľ | | |
| Generator Leads Enclosures/ Suppor Subtotal | TN | 1 | 32.00 | 64.00 | 277.20 | <u> </u> | 0.00 | | 120.00 | 7,680 |
| Power Conversion Equipment | | | | | | | | | | |
| 6,900V Metal-clad Switchgear | TN | 2 | 96.10 | 384.40 | 447.30 | 171.942 | 0.00 | 0 | 120.00 | 46 100 |
| 6,900V Non-segregated Phase Bus | TN | 1 | 19.32 | 38,65 | 447.30 | 17,286 | 0.00 | ő | 5000.00 | 103 220 |
| 6,900V Non-segregated Phase Bus - | TN | 1 | 3.75 | 7.50 | 207.90 | 1,559 | 0.00 | 0 | 120.00 | 000,200 |
| 480V Metal-clad Switchgear | TN | 1 | 41.10 | 82.20 | 447.30 | 36,768 | 0.00 | ő | 120.00 | G BOA |
| 480V Load Control Center - 1,000 kv | TN | 2 | 2.60 | 10.40 | 447.30 | 4,652 | 0.00 | 0 | 120.00 | 1 248 |
| 480V Load Control Center - 1,500 kv | TN | 4 | 3.25 | 26.00 | 447.30 | 11,630 | 0.00 | ő | 120.00 | 3 120 |
| 480V Motor Control Center (9 @ >1 1 | TN | 1 | 29.10 | 58.20 | 447.30 | 26.033 | 0.00 | 0 | 120.00 | 6 024 |
| Auxiliary Power Transformer | ΤN | 1 | 49.05 | 98.10 | 447.30 | 43,880 | 0.00 | ō | 120.00 | 11,772 |

| Í | | Number | Inite | | Removal | | Dienocal | | Sahaaa | |
|---|---------|--------|------------|----------|-----------|--------------|----------|--------------|-------------|---------------|
| | | | of Massuro | Total | Continual | Total | Coet per | Tatal | Salvage | 7 -4-1 |
| Remotial Disposal & Salvana | Init of | C | Or measure | | Costper | Demonal | Unit of | Disessel | value | 10(3) |
| Cost Madabast | Juir Ol | Compo- | per | Units of | Unit of | Removal | Onit or | Disposa | per Unit or | Salvage |
| Cost Worksheet | reasur | nents | Component | Measure | Measure | | Measure | Cost | Measure | Value |
| Aux Transformer Foundation - Reinf | | 1 | 542.00 | 542.00 | 81.60 | 44,227 | 83.00 | 44,986 | 0.00 | 0 |
| Station Service Transformer | | 1 | 1 200 00 | 15.00 | 447.30 | 0,9/0 | 0.00 | U 442.007 | 120.00 | 1,872 |
| Mannoles & Handholes - Keimorced | | 1 | 1,369,00 | 1,369.00 | 81.60 | 111,710 | 03.00 | 113,627 | 0.00 | 0 |
| Generator Isolated Phase Bus | | 1 | 37,92 | /5.84 | 447.30 | 33,922 | 0.00 | 0 | 5000.00 | 379,186 |
| Generator isolated Phase Bus - Struc | | 1 | 9,00 | 18.00 | 207.90 | 3,/42 | 0.00 | 0 | 120.00 | 2,160 |
| Neutral Grounding Transformer | IN | 3 | 4,00 | 24.00 | 447.30 | 10,735 | 0.00 | 0 | 120.00 | 2,880 |
| I ransformer Neutral Grounding Syste | IN | 3 | 1.25 | 7.50 | 447.30 | 3,355 | 0.00 | 0 | 120.00 | 900 |
| | IN | 6 | 1,00 | 12.00 | 447.30 | 5,368 | 0.00 | U | 120.00 | 1,440 |
| 125VUC Load Control Center | IN | 1 | 3.50 | 7.00 | 447.30 | 3,131 | 0.00 | 0 | 120.00 | 840 |
| 25 kva Cyberez Static Inverter | IN | 2 | 1,00 | 4.00 | 447.30 | 1,789 | 0,00 | 0 | 120.00 | 480 |
| 25 kva Uninterruptible Power Supply | TN | 1 | 1,00 | 2.00 | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| ** Battery Unit - 125VDC, 60-Cell | TN | 1 | 10.50 | 21.00 | 447.30 | 9,393 | 0.00 | 0 | 120.00 | 2,520 |
| Battery Charger | TN | 3 | 1.05 | 6.30 | 447.30 | 2,818 | 0.00 | 0 | 120.00 | 756 |
| Main Boiler-Turbine Generator Contri | TN | 1 | 25.58 | 51.16 | 447.30 | 22,884 | 0.00 | 0 | 120.00 | 6,139 |
| Main Boiler-Turbine Generator Contri | TN | 1 | 8.80 | 17.60 | 447.30 | 7,872 | 0.00 | 0 | 120.00 | 2,112 |
| Bus Current Transformer | TN | 3 | 1.00 | 6.00 | 447.30 | 2,684 | 0.00 | ٥ | 120.00 | 720 |
| Potential Transformer | TN | 1 | 2,25 | 4.50 | 447.30 | 2,013 | 0.00 | 0 | 120.00 | 540 |
| Voltage & Field Breaker Regulator | TN | 1 | 6.00 | 12.00 | 447.30 | 5,368 | 0.00 | 0 | 120.00 | 1,440 |
| Conduit (underground) - PVC | TN | 1 | 246.15 | 246.15 | 447.30 | 110,105 | 0.00 | 0 | 0.00 | 0 |
| Conduit (exposed) - Steel | TN | 1 | 374,94 | 374.94 | 447.30 | 167,710 | 0.00 | 0 | 120.00 | 44,993 |
| Conduit Ductbanks - Reinforced Conv | CY | 1 | 5,971.00 | 5,971.00 | 81.60 | 487,234 | 83.00 | 495,593 | 0.00 | 0 |
| Cable Tray - Steel | TN | 1 | 96.76 | 96.76 | 447.30 | 43,280 | 0.00 | 0 | 120.00 | 11,611 |
| Power and Control Wiring - Insulated | TN | 1 | 581.18 | 581.18 | 756.00 | 439,373 | 0.00 | Ø | 2100.00 | 1,220,481 |
| Grounding Wire - Bare Copper | TN | 1 | 27,13 | 27.13 | 756.00 | 20,511 | 0.00 | 0 | 5000.00 | 135,655 |
| Subtotal | | | | | | 1,860,848 | | 654,206 | - | 2,090,211 |
| Total Account 315 | | | | | | 1,878,589 | | 654,206 | - | 2,097,891 |
| | | | | | | | | | | |
| FERC Account 316 | | | | | | | | | | |
| Miscellaneous Power Plant Equipmen | L | | | 100.00 | | F7 F4 | | | | • |
| Compressed Air Piping, Vivs Under 4 | | 1 | 128.62 | 128.62 | 447.30 | 57,530 | 0.00 | σ | 120.00 | 15,434 |
| Compressed Air Piping, Vivs 4" to 8" | TN | 1 | 5,09 | 5.09 | 277.20 | 1,411 | 0.00 | 0 | 120.00 | 611 |
| Nitrogen Purge Piping, Vivs Under 4* | TN | 1 | 141.36 | 141,36 | 447.30 | 63,232 | 0.00 | 0 | 120.00 | 16,964 |
| Total Account 316 | | | | | | 122,174 | | 0 | | 33,009 |
| TOTAL MARTIN UNITS 1 & 2 | | | | | | 19,930,928 | | 6,059,072 | - | 9,671,084 |
| MARTIN FUEL OIL STORAGE FACILIT | Y | | | | | | | | | |
| FERC Account 311 | | | | | | | | | | |
| Improvements to Site | | | | | | | | | | |
| Riviera Unloading Facility | | | | | | | | | | |
| F/O Transfer Pump w/ 300 hp mtr (Si | TN | 2 | 4,30 | 8.60 | 277.20 | 2,384 | 0.00 | 0 | 120.00 | 1.032 |
| F/O Booster Pump w/ 500 hp mtr (inc | TN | 2 | 5.43 | 10.85 | 277.20 | 3,008 | 0.00 | . 0 | 120.00 | 1.302 |
| Pump/ Motor Foundations - Reinforce | CY | 1 | 90.00 | 90.00 | 81.60 | 7.344 | 83.00 | 7,470 | 0.00 | |
| 30" F/O Piping to WPB Facility - Stee | TN | 1 | 8,147.74 | 8,147.74 | 378.00 | 3,079,846 | 0.00 | 0 | 120.00 | 977 729 |
| Pre-cast Pipeline Weights - Reinf Co | CY | 1 | 121.50 | 121.50 | 81.60 | 9,914 | 83.00 | 10,085 | 0.00 | 0 |
| F/O Transfer Piping at Facility - Steel | TN | 1 | 16.24 | 16.24 | 378.00 | 6,138 | 0.00 | 0 | 120.00 | 1 940 |
| 10" Collapsible Unloading Arm | TN | 2 | 3.05 | 6.10 | 277.20 | 1,691 | 0.00 | ŏ | 120.00 | 732 |
| 10" Stationary Unloading Arm | ŤΝ | 2 | 8.50 | 17.00 | 277.20 | 4,712 | 0.00 | 0 | 120.00 | 2.040 |

| | | Number of | Units of Measure | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage | |
|---|---------|--------------|---------------------|----------|---------------------|-----------|----------------------|-----------|-----------------|---------|
| Removal, Disposal & Salvage | Jnit ol | Compo- | per | Units of | Unit of | Removal | Linit of | Disperal | | (013) |
| Cost Worksheet | leasu | nents | Component | Measure | Measure | Cost | Measure | Cost | per Unit or | Salvage |
| Electrical Switchgear Building - Conc | CÝ : | 1 | 55.00 | 55.00 | 32.64 | 1,795 | 83.00 | 4.565 | Measure 0.00 | Value |
| Elec Swgr Bldg Foundation - Reinf C | CY | 1 | 92.00 | 92.00 | 81.60 | 7.507 | 83.00 | 4,000 | 0.00 | 0 |
| Subtotal | | | | | | 3 124 340 | | 20 766 | 0.00 | 0 |
| | | | | | | | | 28,700 | | 984,783 |
| West Palm Beach Storage Facility | | | | | | | | | | (|
| Asphalt Paving | CY | 1 | 237.60 | 237.60 | 32.64 | 7,755 | 83.00 | 19 721 | 0.00 | |
| Light Poles - Concrete (28 in total) | CY | 1 | 3.54 | 3.54 | 32.64 | 116 | 83.00 | 294 | 0.00 | |
| Surge Basin - Reinforced Concrete | CY | 1 | 300.00 | 300.00 | 81.60 | 24,480 | 83.00 | 24,900 | 0.00 | ő |
| Septic Tank System | CY | 1 | 2.00 | 2.00 | 312.80 | 626 | 0.00 | 21,000 | 8.00 | 0 |
| Yard Platforms, Ladders, Ppng Supp | TN | 1 | 36.00 | 36,00 | 277.20 | 9.979 | 0.00 | ů | 120.00 | 4.000 |
| Yard Structural Supports, Fndths - Re | CY | 1 | 400.00 | 400.00 | 81.60 | 32,640 | 83.00 | 33 200 | 0.00 | 4,320 |
| Potable Water Piping, Vivs Under 4" | TN | 1 | 9.48 | 9.48 | 378.00 | 3.582 | 0.00 | 00,200 | 120.00 | 4 4 9 7 |
| Firemain Piping - Reinforced Concret | CY | 1 | 26.11 | 26.11 | 312.80 | 8,168 | 0.00 | 0 | 120.00 | 1,13/ |
| Firemain Piping, Hydrants Over 8" - to | TN | 1 | 93.95 | 93.95 | 378.00 | 35.512 | 0.00 | 0 | 120.00 | 44.074 |
| Oily Waste Separator, Pump/mtr (abo | ΤN | 1 | 3.25 | 3.25 | 277.20 | 901 | 0.00 | 0 | 120.00 | 11,274 |
| Diesel-driven Firepump w/ Engine | TN | 1 | 2.72 | 2.72 | 277.20 | 755 | 0.00 | 0 | 120.00 | 390 |
| Motor-driven Firepump w/ Motor | TN | 1 | 1.57 | 1.57 | 277.20 | 436 | 0.00 | | 120.00 | 327 |
| 500,000 bbl F/O Storage Tank/ Mixer | TN | 4 | 1,403.18 | 5.612.70 | n/a | 204 544 | 0.00 | 0 | 120.00 | 189 |
| 500,000 bbl Tank Ladder & Platform | TN | 4 | 2.85 | 11.40 | 277 20 | 3 160 | 0.00 | U a | 120.00 | 673,524 |
| 500,000 bbl F/O Storage Tank - Insul | CY | 4 | 680.00 | 2,720.00 | 63.00 | 171 360 | 10.00 | 51 eno | 120.00 | 1,368 |
| 500,000 bbl F/O Storage Tanks - Fou | EA | 1 | | | n/a | 171,300 | 18.00 | 51,680 | 0.00 | 9 |
| 500,000 bbl Tank - Soil Remediation | EA | 4 | | | n/a | | iva p/o | 51,700 | 0.00 | oj |
| 500,000 bbl Tanks - Cleaning | EA | 1 | | ł | n/a | 0 | nva o/a | 869,508 | 0.00 | 0 |
| Fuel Oil Heating Boiler - Steel | TN | 2 | 17.40 | 34 80 | 207.90 | 7 225 | 0.00 | 3,800,000 | 0.00 | 0 |
| Fuel Oil Heat Exchanger - Steel | TN | 4 | 3.44 | 13.76 | 277 20 | 7,200 | 0.00 | 0 | 120.00 | 4,176 |
| Boiler Feedwater Tank - Steel (10'D) | TN | 1 | 3.80 | 3.80 | 277 20 | 1 052 | 0.00 | 9 | 120.00 | 1,651 |
| Fuel Oil Transfer Pump w/ motor (S | TN | 4 | 6.93 | 27.72 | 277 20 | 7 684 | 0.00 | 0 | 120.00 | 456 |
| Transfer Pump/ Motor Foundation - F | CY | 1 | 2.070.00 | 2,070,00 | 81.60 | 168 012 | 92.00 | | 120.00 | 3,326 |
| Pipeline Strainer (24*) - Iron | τN | 2 | 1.90 | 3.80 | 277 20 | 1 052 | 0.00 | 1/1,810 | 0.00 | 0 |
| Pipeline Strainer (20") - Iron | TN | 1 | 1.65 | 1.65 | 277 20 | 457 | 0.00 | 0 | 120.00 | 456 |
| F/O Transfer Yard Pong, Vivs Under | TN | 1 | 15.41 | 15 41 | 447 30 | e 902 | 0.00 | 0 | 120.00 | · 198 |
| F/O Transfer Yard Pong, Vivs 4" to 8" | TN | 1 | 32 87 | 32.87 | 277 20 | 0,093 | 0.00 | 0 | 120.00 | 1,849 |
| F/O Transfer Yard Pong, Vivs Over 8 | TN | 1 | 213.86 | 213.86 | 207.00 | 8,111 | 0.00 | 0 | 120.00 | 3,944 |
| Steam Trace Piping, Vivs Under 4" - | TN | 1 | 64.06 | B4.06 | 201.30 | 44,401 | 0.00 | o | 120.00 | 25,663 |
| 18" Undrornd Pipeline to Martin Plant | TN | 1 | 6 671 60 | 6 671 60 | 278.00 | 20,000 | 0.00 | 0 | 120.00 | 7,688 |
| Meter Prover and Associated Equipre | TN | 1 | 17.05 | 17.05 | 207.00 | 2,521,800 | 0.00 | 0 | 120.00 | 800,592 |
| Metering Installation & Assoc Forma | TN | | 10.00 | 10.00 | 207.90 | 3,545 | 0.00 | 0 | 120.00 | 2,046 |
| Fuel Oil Pume Tank - 110 000 bbl | TN | 4 | 291.00 | 19.00 | 207.90 | 3,950 | 0.00 | 0 | 120.00 | 2,280 |
| Fuel Oil Pume Tank - 110,000 bbl - C | EA | 4 | 301.00 | 361.00 | nva | 34,090 | 0.00 | 0 | 120.00 | 45,720 |
| Fuel Oil Pume Tank - 110,000 bbl-C | EA | 4 | | ł | | | n/a | 350,000 | 120.00 | 0 |
| Fuel Oil Pume Tank I adder # Dialfar | | - | 4 00 | | | | n/a | 57,576 | 120.00 | 0 |
| Pume Oil Pumo w/ Motor | Th | - | 1.00 | 1.00 | 447.30 | 447 | 0.00 | 0 | 120.00 | 120 |
| Fuel Oil Pume Pining Mire Ower et | 11N | 1 | 1.90 | 1.90 | 277.20 | 527 | 0.00 | 0 | 120.00 | 228 |
| Fuel Oil Pume Tank Foundation Do | CV | | 41.94 | 41.94 | 207.90 | 8,719 | 0.00 | 0 | 120.00 | 5.033 |
| Light Of Tank - 5 000 55 | TN | 1 | 5,600.00 | 5,600.00 | n/a | 0 | 0.00 | 0 | 0.00 | 0 |
| Light Oil Tank - 5,000 bbl - Cleaning | | - | 24.50 | 24.50 | n/a | 6,818 | 0.00 | 0 | 120.00 | 2,940 |
| Light Oil Tank - 5 000 bbl Call Dame | | | | | n/a | 0 | n/a | 15,000 | 0.00 | 0 |
| Light Oil Dining Man Light All Office | TN | | | | n/a | 0 | n/a | 459 | 0.00 | ő |
| Light Oil Pining, Vive 4" to 8" - Stort | TN | 1 | 7.11 | 7.11 | 447.30 | 3,179 | 0.00 | 0 | 120.00 | 853 |
| | | | 3.00 | 3.88 | 211.20 | 1,075 | 0.00 | 0 | 120.00 | 465 |

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|---------------------------------------|---------|----------|---------------|----------|----------|------------|----------|------------|-------------|------------|
| | | Number | Units | Í | Removal | | Disnosal | | Cabutan | |
| | | of | of Measure | Total | Cost per | Tota | Cost ner | Total | Sasvage | |
| Removal, Disposal & Salvage | Jnit of | Compo- | per | Units of | Unit of | Removal | Unit of | Diamagal | | Totz |
| Cost Worksheet | leasur | nents | Component | Measure | Measure | Cost | Measure | Disposa | per Unit of | Salvag |
| Terminal Buildings - Concrete Block | CY | 1 | 469.00 | 469.00 | 32.64 | 15.308 | 83.00 | | Measure | Value |
| Terminal Buildings Roofing - Concret | CY | 1 | 182.00 | 182.00 | 32.64 | 5 940 | 83.00 | JO,827 | 0.00 | (|
| Terminal Bldgs Foundations - Reinf C | CY | 1 | 549.00 | 549.00 | 81.60 | 44 798 | 83.00 | 15,100 | 0.00 | (|
| Worthington Air Compressor w/ Moto | TN | 1 | 2.00 | 2.00 | 277.20 | 554 | 0.00 | 40,007 | 0.00 | (|
| Radio Antenna - Steel | TN | 1 | 2.00 | 2.00 | 277 20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Subtotal | | | | | 211120 | 3 434 714 | 0.00 | | 120.00 | 240 |
| | | | | | | 0,004,114 | | 2,265,448 | | 1,602,693 |
| Total Account 311 | | | | | | 6 550 053 | | F Cor one | | |
| [| | | | 1 | | 0,000,000 | | 5,595,203 | | 2,587,476 |
| FERC Account 315 | | | | | | | | | | |
| Accessory Electrical Equipment | | | | | | | | | | |
| Riviera Unloading Facility | | | | | | | | | | |
| Auxiliary Power Transformer - 1500 k | TN | 1 | 4 65 | 4 65 | 447 30 | 2.040 | 0.00 | | | |
| Neutral Grounding Resistor | TN | 1 | 2.50 | 2 50 | 447 30 | 2,000 | 0.00 | 0 | 120.00 | 558 |
| Transformer/ Resistor Foundation - R | CY | 1 | 16.00 | 16.00 | 81.60 | 1,110 | 0.00 | 0 | 120.00 | 300 |
| 2,400V Metal-clad Switchgear | TN | 1 | 6.99 | 6 90 | 447.20 | 1,306 | 83.00 | 1,328 | 0.00 | 0 |
| 480V Load Center/ Motor Control Cel | TN | 1 | 8.00 | 8.00 | 447.30 | 3,126 | 0.00 | 0 | 120.00 | 839 |
| Control Building - Panels/ Consoles | TN | 1 | 2.50 | 2.50 | 447.30 | 3,5/8 | 0.00 | 0 | 120.00 | 960 |
| Subtotal | | • | 2.00 | 2.50 | 447.00 | 1,118 | 0.00 | 0 | 120.00 | 300 |
| | | | | | | 12,326 | | 1,328 | | 2,957 |
| West Palm Beach Storage Facility | | | | | | | | | | |
| Auxiliary Power Transformer - 5.000 (| TN | 1 | 8.98 | 8.06 | 447 20 | 4 000 | • | | - | |
| Aux Power Trnsfimr Foundation - Re | CY | 1 | 18.00 | 18.00 | 91.60 | 4,009 | 0.00 | o | 120.00 | 1,076 |
| Transformer - 750 kva | TN | 1 | 2 10 | 2 10 | 447.90 | 1,469 | 83.00 | 1,494 | 0.00 | 0 |
| Transformer - 112.5 kva | TN | 1 | 1.28 | 1.20 | 447.30 | 939 | 0.00 | 0 | 120.00 | 252 |
| 2,400V Metal-clad Switchgear | TN | 1 | 8.46 | R 46 | 447.30 | 5/3 | 0.00 | 0 | 120.00 | 154 |
| 480V Load Center | TN | 1 | 3.00 | 2.00 | 447.00 | 3,785 | 0.00 | 0 | 120.00 | 1,016 |
| 480V Motor Control Center | TN | 4 | 2.60 | 10.00 | 447.30 | 1,342 | 0.00 | 0 | 120.00 | 360 |
| Neutral Grounding Transformer | TN | 2 | 1 25 | 2.50 | 447.30 | 4,4/3 | 0.00 | 0 | 120.00 | 1,200 |
| Ememeracy Diesel Gen & Accessorie | TN | 1 | 1.20 | 2.50 | 447.30 | 1,118 | 0.00 | 0 | 120.00 | 300 |
| ** Baltery Set | TN | - | 3.20 | 3.20 | 211.20 | 887 | 0.00 | 0 | 120.00 | · 384 |
| Battery Chamer | TN | - | 1.40 | 1.43 | 277.20 | 395 | 0.00 | 0 | 120.00 | 171 |
| Electrical Conduit (undermound) - D | TM | 4 | 1.20 | 1.20 | 277.20 | 333 | 0.00 | 0 | 120.00 | 144 |
| Electrical Conduit (above around) | TN | 4 | 30,34 | 30.54 | 312.80 | 9,552 | 0.00 | 0 | 0.00 | 0 |
| Cable Tray - Steal | 101 | | 03.33 | , 83.33 | 447.30 | 37,272 | 0.00 | 0 | 120.00 | 9,999 |
| Insulated Conner Miring | | 1 | 1.36 | 1.36 | 447.30 | 609 | 0.00 | 0 | 120.00 | 164 |
| Rate Cooper Winne | 111 | 1 | 64.34 | 64.34 | 756.00 | 48,637 | 0.00 | 0 | 2100.00 | 135 104 |
| Sucondanty Control Consolate #-1-1 | TN | 1 | 9.03 | 9.03 | 756.00 | 6,828 | 0.00 | 0 | 5000.00 | 45 158 |
| Supervisory Control Consoles (total) | IN | 1 | 8.00 | 8.00 | 447.30 | 3,578 | 0.00 | 0 | 120.00 | 960 |
| 2006031 | | | | | | 125,799 | | 1,494 | | 196.440 |
| Total Account 745 | | | | | | | | | | 100,440 |
| Total Account 313 | | | | | | 138,125 | | 2,822 | | 199 207 |
| | | | | | | | | | | 100,001 |
| TO THE MAKIN FUEL OIL STORAGE F | ACILIT | Y | | | | 6,697,178 | | 5,598,025 | - | 2 786 872 |
| | | | | | | | | | | 2,100,013 |
| COTAL MARTIN COMMON, UNITS 1 & 2 | AND | FUEL OIL | STURAGE FACIL | | | 29,510,870 | | 13,733,158 | - | 12 930 829 |

| Martin Other | Production U | inits Dismanl | Jement Study |
|--------------|--------------|---------------|--------------|
|--------------|--------------|---------------|--------------|

| | | | | Removal | | Disposal | · · · · · · · · · · · · · · · · · · · | Г — — — — — — — — — — — — — — — — — — — | |
|---|----------------|----------|---------|----------|---------|----------|---------------------------------------|---|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Kemoval, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost worksneet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Account 244 Structures and Immune | | | | | | | | | |
| Account 341 Structures and improvements | | | | | | | | | |
| Yard Liebling | | | | | | | | | |
| Cleant Lighting | 1 | 5.50 | TN | 447.30 | 2,460 | 0.00 | 0 | 120.00 | 660 |
| Priant Lighting | 1 | 2.00 | TN | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Discharge - Paving | 720 | 60.00 | CY | 32.64 | 1,958 | 83.00 | 4,980 | 0.00 | 0 |
| Intake- Paving | 2,280 | 190.00 | CY | 32.64 | 6,202 | 83.00 | 15,770 | 0.00 | 0 |
| Misc Curds, Gutters, Sidewalks | 1 | 150.00 | CY | 32.64 | 4,896 | 83.00 | 12,450 | 0.00 | o |
| | | | | | 16,411 | | 33,200 | | 900 |
| Fire Protection System | | | | | | | | | [|
| Fire Protection Pumos | | 4.00 | TN | 077.00 | 4.400 | | | | |
| Fire Protection System (Pinion & Hydrante) | 4 6 3 3 5 | 4.00 | | 277.20 | 1,109 | 0.00 | 0 | 120.00 | 480 |
| Fire Protection System 2 1/2" & > Pine | 0,323 4 050 | 213.00 | | 277.20 | 59,044 | 0.00 | 0 | 120.00 | 25,560 |
| Fire Protection System 2" & < Dine | 4 975 | 74.20 | TN | 277.20 | 20,582 | 0.00 | ٥ | 120.00 | 8,910 |
| Sanitary Sever Pining | 1,020 | 2.74 | | 277.20 | 759 | 0.00 | 0 | 120.00 | 329 |
| Fenring | 7,230 | 10.22 | | 32.64 | 595 | 83.00 | 1,512 | 0.00 | 0 |
| Fencing | 7,000 | 175,00 | | 447.30 | 78,278 | 0.00 | 0 | 120.00 | 21,000 |
| | • | 2.50 | I N | 447.30 | 1,118 | 0.00 | 0 | 120.00 | 300 |
| | | | | | 161,484 | | 1,512 | | 56,579 |
| Buildings | | | | | | | | | |
| Water Chemistry Building | 2,250 | 500.00 | CY | 32.64 | 16.320 | 83.00 | 41 500 | 0.00 | |
| Hazardous Waste Drum Storage Building | 1 | 120.00 | CY | 32.64 | 3 917 | 83.00 | 0.000 | 0.00 | |
| Paint & Lube Oil Storage Building | 1 | 120.00 | CY | 32.64 | 3,917 | 83.00 | 9,960 | 0.00 | |
| Service Building - Masonry | 1 | 500.00 | CY | 32.64 | 16.320 | 83.00 | 41 500 | 0.00 | 0 |
| Service Building - Structural & Miscellaneous Steel | 1 | 10.00 | TN | 447.30 | 4,473 | 0.00 | 1,000 | 120.00 | 1 700 |
| Service Building - Finishes | 1 | 20.00 | CY | 32.64 | 653 | 83.00 | 1 660 | 0.00 | 1,200 |
| Service Building - Doors, Hardware, Glazing | 1 | 15.00 | CY | 32.64 | 490 | 83.00 | 1,000 | 0.00 | |
| Service Building - Specialties | 1 | 25.00 | CY | 32.64 | 816 | 83.00 | 2 075 | 0.00 | |
| Service Building - Plumbing | 1 | 80.00 | CY | 32.64 | 2,611 | 83.00 | 6 640 | 0.00 | 0 |
| Service Building -Electrical | 1 | 40.00 | TN | 447.30 | 17,892 | 0.00 | 0,0,0 | 120.00 | 4 800 |
| Service Building - HVAC | 1 | 100.00 | TN | 447.30 | 44,730 | 0.00 | 0 | 120.00 | 12 000 |
| H P Feedwater Pumps - Insulation | 1,136 | 100.00 | CY | 63.00 | 6,300 | 83.00 | 8 300 | 0.00 | |
| Service Building - Elevator & Hoist | 1 | 7.50 | TN | 447.30 | 3,355 | 0.00 | 0 | 120.00 | 000 |
| | | | | | 121,793 | | 122,840 | 120.00 | 18,900 |
| Power Block | | | | | | | | | |
| Service Building Concrete | 2 402 | 2 402 00 | ~ | 00.04 | | | | | |
| Power Block - Structural Steel | 2,403 | 2,403.00 | | 32.64 | 78,434 | 83.00 | 199,449 | 0.00 | 0 |
| Rase Plates Unit 3A | 1,044 | 1,044.00 | | 207.90 | 217,048 | 0.00 | 0 | 120.00 | 125,280 |
| Rase Plates Unit 38 | | 20.00 | | 207.90 | 4,158 | 0.00 | 0 | 120.00 | 2,400 |
| Power Block - Handrail Toeblock Miss | | 20.00 | | 207.90 | 4,158 | 0.00 | 0 | 120.00 | 2,400 |
| Power Block - Decking | 40 212 | 301.50 | 111 | 447.30 | 2,23/ | 0.00 | 0 | 120.00 | 600 |
| Power Block - Ladders Stairs & Platforme | 212,07 | 59.00 | 751 | 447.30 | 134,901 | 0.00 | 0 | 120.00 | 36,191 |
| HRSG Structural/Ductwork - Unit 3A | | 340.05 | | 447.30 | 25,943 | 0.00 | 0 | 120.00 | 6,960 |
| HRSG Stactural/Ductwork Light 20 | 4 | 210.00 | | 277,20 | 58,226 | 0.00 | 0 | 120.00 | 25,206 |
| Linhting Pagels | | 200.00 | TN | 211.20 | 56,840 | 0.00 | 0 | 120.00 | 24,606 |
| Power Block Grade Slah Concrete | 2 070 | 2 070 00 | | 447.30 | 11 | 0.00 | 0 | 120.00 | 3 |
| Power Block Starture Foundation Concerts | 2,070 | 2,070,00 | | 81.60 | 168,912 | 83.00 | 171,810 | 0.00 | 0 |
| Power Block Flewater State | 2,407 | 2,437.00 | | 81.60 | 200,491 | 83,00 | 203,931 | 0.00 | 0 |
| | 039 | 039.00 | vr | 01.00 | 53,774 | 83.00 | 54,697 | 0.00 | 0 |

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| | | | | Removal | | Disposal | | | |
|--|------------|----------|---------|----------|-----------|----------|---------------|---------|-------------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Saivage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Water Treatment Control Building | 1 | 177.78 | CY | 81.60 | 14,507 | 83.00 | 14,756 | 0.00 | |
| HRSG Analyzer Buildings (2 ea) | 540 | 200.00 | CY | 81.60 | 16,320 | 83.00 | 16,600 | 0.00 | 0 |
| HRSG DCS Buildings (2 ea) | 688 | 152.69 | CY | 81.60 | 12,476 | 83.00 | 12,690 | 0.00 | 0 |
| Discharge - Sluice Gates | 2 | 100.00 | CY | 81.60 | 8,160 | 83.00 | 8,300 | 0.00 | Ó |
| | | | | | 1,056,596 | | 682,232 | | 223,646 |
| Open Cooling Water System | | | | | | | | | |
| OCW System 2" &< - Pipe | 286 | 0.43 | TN | 277.20 | 119 | 0.00 | 0 | 120.00 | 51 |
| OCW System 21/2" & > - Pipe | 775 | 42.63 | TN | 277.20 | 11,816 | 0.00 | 0 | 120.00 | 5,115 |
| OCW Duplex Basket Strainers | 1 | 0.15 | TN | 277.20 | 42 | 0.00 | 0 | 120.00 | 18 |
| Open Cooling Water Pumps | 1 | 11.80 | TN | 207.90 | 2,453 | 0.00 | 0 | 120.00 | 1.416 |
| Open Cooling Water Booster Pumps | 3 | 9.80 | TN | 207.90 | 2.038 | 0.00 | o | 120.00 | 1,176 |
| | | | | | 16,467 | | | | 7,77 |
| Pond Water System | | | | | | | | | |
| Pond Water System 2" & < Pipe | 67 | 0.10 | TN | 277.20 | 28 | 0.00 | 0 | 120.00 | 12 |
| Pond Water System 21/2" & > Pipe | 1.236 | 6.18 | TN | 277.20 | 1.713 | 0.00 | n n | 120.00 | 742 |
| Pond Water Booster Pumps | 1 | 3.27 | TN | 277.20 | 906 | 0.00 | n | 120.00 | 307 |
| | | | | | 2,647 | | 0 | 120.00 | |
| Water Treatment System | | | | | | 1 | | i | |
| Water Treatment System | 1 | 5 50 | TN | 277 20 | 1 525 | 0.00 | | 120.00 | 660 |
| Service Water System 2" & < Pine | 1 074 | 1.61 | TN | 277 20 | 447 | 0.00 | 0 | 120.00 | 103 |
| Service Water System 2 1/2" $h > Pine$ | 1 160 | 5.80 | TN | 277 20 | 1 608 | 0.00 | 0 | 120.00 | 13-5 606 |
| Service Water Pumps | 1,100 | 0.57 | TN | 277 20 | 157 | 0.00 | ů o | 120.00 | 60 |
| Treated Water Storage Tanks | | 1 20 | TN | 277 20 | 331 | 0.00 | 0 | 120.00 | 142 |
| Treated Water Storage Tank Foundation | 21 | 21.00 | CY | 81.60 | 1 714 | 83.00 | 1 743 | 0.00 | 140 |
| Rainwater Runoff Storage Tank Foundation | 12 | 12.00 | CY | 81.60 | 979 | 83.00 | 008 | 0.00 | 0 |
| HRSG Blowdown Tank Sumo | 200 | 200.00 | CY | 81.60 | 16 320 | 83.00 | 16 600 | 0.00 | 0 |
| Wastewater System 2" & < Pipe | 1 124 | 1.69 | TN | 277.20 | 467 | 0.00 | 10,000 | 120.00 | 202 |
| Power Block Drainage Pine | 4 290 | 63 56 | CY | 81 60 | 5 186 | 83.00 | 5 275 | 0.00 | 202 |
| Wastewater System 2 1/2" & > Pine | 8 789 | 101.84 | TN | 207.90 | 21 171 | 0.00 | 0,2,0 n | 120.00 | 17 220 |
| Sump Pumps | 35 | 875 | TN | 207.90 | 1 819 | 0.00 | 0 | 120.00 | 1 050 |
| Sump Pumps & Miscellaneous | 16 | 4.00 | TN | 207.90 | 832 | 0.00 | 0 | 120.00 | 490 |
| Rainfall Runoff Collection Tank | 1 | 5.00 | TN | 277 20 | 1 388 | 0.00 | 0 | 120.00 | 400 |
| Wastewater Treatment System | 1 | 0.00 | TN | 277 20 | 130 | 0.00 | 0 | 120.00 | 000 |
| | • | 0.00 | | 2177.20 | | 0.03 | 24,614 | 120,00 | 16,373 |
| Potable Water System | | | | | | | | | |
| Potable Water System | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 'n | 120.00 | 200 |
| Potable Water System 2" & < Pine | 677 | 5.01 | TN | 277 20 | 1 390 | 0.00 | 0 | 120.00 | 500 |
| Potable Water System | 1 310 | 19 41 | TN | 277.20 | 5 390 | 0.00 | 0 | 120.00 | 2 2 2 2 |
| Potable Water System 2 1/2" & > Pine | 667 | 9.99 | TN | 277.20 | 2 730 | 0.00 | | 120.00 | 2,529 |
| Pine Rack Driller Piers - Concrete | 810 | 810.00 | CY | 81.60 | 68 000 | 83.00 | 67 000 | 120.00 | 1,186 |
| Pine Racks & Bridges | 484 | 481.00 | TN | 277.20 | 122 223 | 0.00 | 07,230 | 100.00 | U 57 700 |
| n po navis a bridges | -01 | 401.00 | | 211.20 | 209,631 | 0.00 | 67,230 | 120.00 | 62,136 |
| Control/Security | | | | | | | | | - |
| Access Control / Security | 4 | 5.00 | CY | 81.60 | 400 | 82.00 | 445 | 0.00 | |
| Auxiliary Boiler Brilding | 57E | 83.00 | CY | 81.60 | 400 | 82.00 | 419) 6 000 | 0.00 | 0 |
| Lines and possible | 3/5 | 03.69 | U1 | 01,00 | 5,213 | 03.UU | 5,303 | 0.00 | 0 |

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| | | | | Removal | | Disposal | | | |
|--|-------------|----------|---------|---|------------|----------|-----------|---------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Control Building - Masonry | | 73.83 | CY | 32.64 | 2,410 | 83.00 | 6,128 | 0.00 | |
| Control Building Structural Steel | 119 | 119.00 | TN | 207.90 | 24,740 | 0.00 | 0. | 120.00 | 14,280 |
| Control Building Finishes | 1 | 14.00 | CY | 32.64 | 457 | 83.00 | 1,162 | 0.00 | 0 |
| Control Building Millwork | 1 | 26.79 | CY | 32.64 | 874 | 83.00 | 2,223 | 0.00 | 0 |
| Control Building Doors, Hardware, Glazing | 1 | 10.00 | CY | 32.64 | 326 | 83.00 | 830 | 0.00 | 0 |
| Control Building Thermal Protection | 1 | 185.70 | CY | 32.64 | 6,061 | 83.00 | 15,413 | 0.00 | 0 |
| Control Building Specialties | 1 | 20.00 | CY | 32.64 | 653 | 83.00 | 1,660 | 0.00 | 0 |
| Control Building Plumbing | 1 | 1.00 | TN | 277.20 | 277 | 0.00 | 0 | 120.00 | 120 |
| Control Building Electrical | 1 | 12.47 | TN | 277.20 | 3,457 | 0.00 | 0 | 120.00 | 1,496 |
| Control Building HVAC | 1 | 61.85 | TN | 277.20 | 17,145 | 0.00 | 0 | 120.00 | 7,422 |
| Control Building Concrete | 810 | 810.00 | CY | 81.60 | 66,096 | 83.00 | 67,230 | 0.00 | 0 |
| Control Building Elevator & Hoist | 1 | 10.00 | TN | 277.20 | 2,772 | 0.00 | Ō | 120.00 | 1,200 |
| Switchgear Building | 1 | 200.00 | CY | 81.60 | 16,320 | 83.00 | 16,600 | 0.00 | 0 |
| | | | | 4 | 147,210 | | 116,965 | | 24,518 |
| Account 341 Totals: | | | | | 1,786,319 | | 1,048,593 | | 411,975 |
| Account 342: Fuel Holders, Producers and A | Accessories | | | [| | | | | |
| Fuel Oil Equipment | | | | | | | | | |
| Fuel Oil Equipment Foundation | 180 | 0.00 | CY | 81.60 | 0 | 0.00 | 0 | | 0 |
| Fuel Oil Storage Tank Foundation | 3,868 | 0.00 | CY | 81.60 | 0 | 0.00 | 0 | | 6 |
| Diesel Oil Day Tanks | 1 | 0.00 | TN | 277.20 | 0 | 0.00 | 0 | 120.00 | 0 |
| Fuel Oil Storage Tanks | 1 | 0.00 | TN | 277.20 | 0 | 0.00 | 0 | 120.00 | |
| Natural Gas System | | | | ĺ | | U. | | | |
| Natural Gas System 2" & < - Pine | 112 | 0 17 | TN | 277 20 | 4 7 | 0.00 | 0 | 120.00 | 20 |
| Gas Piping | 1 650 | 90.75 | TN | 277.20 | 25.156 | 0.00 | ŏ | 120.00 | 10 990 |
| Natural Gas System 2 1/2" & > - Pine | 274 | 15 07 | TN | 277.20 | A 177 | 0.00 | 0 | 120.00 | 1 808 |
| Liquid Fuel System 2 1/2" & > - Pine | 3 892 | 58.38 | TN | 277.20 | 16 183 | 0.00 | 0 | 120.00 | 7.006 |
| | 0,002 | | | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 45,563 | 0.00 | | 120.00 | 19,724 |
| Auxiliary Boiler System | | | | | | | | | |
| Auxiliary Boiler & Associated Skids | 1 | 75.00 | TN | 277.20 | 20,790 | 0.00 | 0 | 120.00 | 9,000 |
| Auxiliary Boiler Equipment Insulation | 151 | 5.03 | CY | 63.00 | 317 | 19.00 | 96 | 0.00 | D |
| Fuel Oil Unloading Equipment | 1 | 25.00 | TN | 277.20 | 6,930 | 0.00 | · 0 | 120.00 | 3,000 |
| | | | | ł | 28,037 | | | | 12,000 |
| Account 342 Totals: | | | | | 73,600 | | | | 31,724 |
| Account 343: Prime Movers | | | | | | | | | |
| HRSG Foundation Mat Concrete | 1,212 | 1,212.00 | CY | 81,60 | 98,899 | 83.00 | 100,596 | 0.00 | 0 |
| HRSG Mechanical Equipment - Unit 3A | 1 | 158.80 | TN | 207.90 | 33,015 | 0.00 | 0 | 120.00 | 19,056 |
| HRSG Mechanical Equipment - Unit 3B | 1 | 162.30 | TN | 207.90 | 33,742 | 0.00 | 0 | 120.00 | 19,476 |
| Mech Finishes - Casings | 1 | 66,45 | TN | 207.90 | 13,815 | 0.00 | 0 | 120.00 | 7,974 |
| Modules - Unit 3A | 1 | 2,350.65 | TN | 157.50 | 370,227 | 0.00 | 0 | 120.00 | 282,078 |
| Modules - Unit 3B | 1 | 2,420.70 | TN | 157.50 | 381,260 | 0.00 | 0 | 120.00 | 290,484 |
| Insulation | 1 | 75.00 | · CY | 63.00 | 4,725 | 19.00 | 1,425 | 0.00 | 0 |
| HRSG Blowdown System 2 1/2" & > - Pipe | 345 | 12.08 | TN | 207.90 | 2,510 | 0.00 | 0 | 120.00 | 1,449 |
| Electrical & Controls - Unit 3A | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |

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| | | | | Removal | | Disposal | ······· | | |
|--|------------|----------|---------|----------|----------|----------|----------|---------|-------------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Vatue |
| Electrical & Controls - Unit 3A | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| | | | | Į. | 953,440 | | 102,021 | | 627,117 |
| | | | | | | | | | |
| Feedwater System | | | | | | | | | |
| Feedwater System - 2" &< Pipe | 1,647 | 2.47 | TN | 207.90 | 514 | 0.00 | 0 | 120.00 | 296 |
| Feedwater System - 2 1/2" & > Pipe | 1,466 | 51.31 | TN | 207.90 | 10,667 | 0.00 | 0 | 120.00 | 6,157 |
| IHRSG HP Feedwater Pumps | 4 | 8.25 | TN | 207.90 | 1,716 | 0.00 | 0 | 120.00 | 990 |
| HRSG LP Feedwater Pumps | 4 | 8.25 | IN OV | 207.90 | 1,716 | 0.00 | 0 | 120.00 | 990 |
| HKSG Feedwater Pump Foundations | 615 | 615.00 | CY | 81.60 | 50,184 | 83.00 | 51,045 | 0.00 | 0 |
| Deaerator Make-up Pumps | 2 | 2.79 | IN | 277.20 | //3 | 0.00 | 0 | 120.00 | 334 |
| D Freedwater Pumps - Insulation | 1,136 | 12.62 | CT | 63.00 | 795 | 19.00 | 240 | 0.00 | 0 |
| L P Feedwater Pumps - Insulation | 200 | 2.22 | | 63,00 | 140 | 19.00 | 42 | 0.00 | 0 |
| DP Feedwater Piping - Insulation | 1,904 | 76.38 | UT | 63.00 | 4,812 | 19.00 | 1,451 | 0.00 | 0 |
| | | | | Į. | 71,316 | | 52,778 | | 8,769 |
| Combustion Turbine | | | | | | | | | |
| Combustion Turbing Edn Mat Congreta | 1 692 | 1 692 00 | ~~ | 91.60 | 127 254 | 93.00 | 130 000 | 0.00 | |
| Condeasate Pump Casinge | 1,002 | 1,002.00 | 114 | 277.20 | 137,231 | 03.00 | 199,000 | 120.00 | 0 |
| Fire Rumae Foundation Concrete | | 20.00 | CY CY | 91.60 | 135 | 0.00 | 2 407 | 120.00 | 00 |
| Mise Machanical Equipment Edu Concrete | 29 | 29.00 | CY | 81.60 | 2,300 | 82.00 | 2,407 | 0.00 | 0 |
| C.T. Skid Mounted Equipment 1 dn Conc Pads | 77 | 77.00 | CY | 81.60 | 6 283 | 83.00 | 20,000 | 0.00 | 0 |
| C T 3A Combustion Turbine | | 188 50 | | 157 50 | 20,203 | 00.00 | 0,391 | 120.00 | 0 42 620 |
| C T 3B Combustion Turbine | | 188 50 | TN | 157.50 | 20,005 | 0.00 | 0 | 120.00 | 22,020 |
| C T 3A Insulation | | 28.80 | CY. | 63.00 | 1 820 | 19.00 | 540 | 0.00 | 22,020 |
| C T 3A insulation | 1 | 28.05 | CY | 63.00 | 1,020 | 19.00 | 540 | 0.00 | 0 |
| C T Interconnect Pipe 2 1/2" & > - Pipe | 3 200 | 112.00 | TN | 277 20 | 31 046 | 0.00 | | 120.00 | 13 440 |
| C.T. Interconnect Pine 2" & < - Pine | 6 260 | 9 39 | TN | 277 20 | 2 603 | 0.00 | 0 | 120.00 | 1 127 |
| | -, | | | | 262,372 | | 169 505 | 120.00 | 59.867 |
| | | | | | ,+ · · _ | | | | 50,001 |
| Main Steam System | | | | | | | | | |
| Main Steam System 2 1/2" & > - PIPE | 4,421 | 994.73 | TN | 207.90 | 206,803 | 0.00 | 0 | 120.00 | 119.367 |
| L/B Main Steam Piping - Insulation | 4,400 | 171.11 | CY | 63.00 | 10,780 | 19.00 | 3,251 | 0.00 | 0 |
| Aux Boiler System 2" & <- Pipe | 878 | 1.32 | TN | 277.20 | 365 | 0.00 | 0 | 120.00 | 158 |
| Aux Boiler System 2 1/2" & > - Pipe | 680 | 10.20 | TN | 277.20 | 2,827 | 0.00 | 0 | 120.00 | 1.224 |
| L/B Auxiliary Boiler Piping - Insulation | 525 | 8.75 | CY | 63.00 | 551 | 19.00 | 166 | 0.00 | 0 |
| L/B B.O.P. Piping - Insulation | 323 | 5.38 | CY | 63.00 | 339 | 19.00 | 102 | 0.00 | 0 |
| | | | • | | 221,666 | | 3,520 | | 120,749 |
| | | | | 1 | | | | | |
| Blowdown System | | | | 1 | 1 | | | | |
| HRSG Blowdown System 2" & < - Pipe | 681 | 1.02 | ŤN | 277.20 | 283 | 0.00 | 0 | 120.00 | 123 |
| HRSG Blowdown Tanks | 2 | 4.74 | TN | 207.90 | 985 | 0.00 | o | 120.00 | 569 |
| Main Steam Drain Tanks | 2 | 2.88 | TN | 207.90 | 598 | 0.00 | 0 | 120.00 | 345 |
| HRSG Blowdown Tanks - Insulation | 322 | 3.58 | CY | 63.00 | 225 | 19.00 | 68 | 0.00 | 0 |
| Steam Drain Tanks - Insulation | 604 | 6.71 | CY | 63.00 | 423 | 19.00 | 128 | 0.00 | 0 |
| Small Bore Pipe - Insulation | 19,440 | 108.00 | CY | 63.00 | 6,804 | 19.00 | 2,052 | 0.00 | 0 |
| Mechanical Finishes - Insulation | 1 | 100.00 | CY | 63.00 | 6,300 | 19.00 | 1,900 | 0.00 | 0 |
| Į | | | | 1 | 15,619 | | 4,147 | | 1,036 |
| | | | • | 1 | | | | | |
| Steam Turbine | | | | | | | | | |
| Steam Turbines - Insulation | 1 | 106.00 | CY | 63.00 | 6,678 | 19.00 | 2,014 | 0.00 | D |

| | | | | Removal | | Disposal | | <u> </u> | |
|--|------------|----------|---------|----------|---------|----------|----------|----------|-----------|
| Removal Dispessi & Salvana | | Total | | Cost per | Total | Cost per | Total | Unit | Tota |
| Cost Westebast | A | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Main Steam Surtem 20 8 - Dist | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Steam Turbine Rose Distant | 2,705 | 8.12 | TN | 277.20 | 2,249 | 0.00 | 0 | 120.00 | 974 |
| Steam Turbing & Assessed | 1 | 25.00 | TN | 157,50 | 3,938 | 0.00 | 0 | 120.00 | 3.000 |
| Hudraulic Dourse Linit | 1 | 175.00 | TN | 157.50 | 27,563 | 0.00 | 0 | 120.00 | 21.000 |
| Instrument Tubing | 1 | 1.50 | TN | 207.90 | 312 | 0.00 | 0 | 120.00 | 180 |
| Instrument Tubing | 17,440 | 4.36 | TN | 277.20 | 1,209 | 0.00 | 0 | 120.00 | 523 |
| Instrumentation Insulation | 19,400 | 7.19 | CY | 63.00 | 453 | 19.00 | 137 | 0.00 | 0 |
| insulinentation - Insulation | 644 | 0.24 | CY | 63.00 | 15 | 19.00 | 5 | 0.00 | Ō |
| | | | | í | 42,416 | | 2,155 | | 25,677 |
| Condensate System | | | | | | | | | |
| Condensate System 2" & < Pipe | 1,090 | 1.64 | TN | 277.20 | 453 | 0.00 | • | 120.00 | 400 |
| Condensate System 2 1/2" & > Pipe | 1,463 | 80.47 | TN | 277.20 | 22 305 | 0.00 | 0 | 120.00 | 196 |
| L/B Cond. & B.D. Piping - Insulation | 2,267 | 37.78 | CY | 63.00 | 2 380 | 19.00 | 710 | 120.00 | 9,000 |
| Condenser Vacuum Pump Skid & Equipment | 1 | 1.25 | TN | 207 90 | 260 | 0.00 | / 10 | 100.00 | 0 |
| Condensate Storage Tank Foundation | 15 | 15.00 | CY | 81.60 | 1 224 | 83.00 | 1 0/5 | 120.00 | 150 |
| Condensate Make-up Pumps | 1 | 0.75 | TN | 207.90 | 158 | 00.00 | 1,240 | 0.00 | 0 |
| HRSG Chemical FD System 2" & < - Pipe | 650 | 0.98 | TN | 277 20 | 270 | 0.00 | U | 120.00 | 90 |
| Circulating Water Chemical Feed Equipment | 1 | 0.13 | TN | 277 20 | 270 | 0.00 | 0 | 120.00 | 117 |
| HRSG Chemical Feed Skids | 1 | 7.50 | TN | 277.20 | 2 070 | 0.00 | 0 | 120.00 | 15 |
| Lube Oil Storage Tanks | 1 | 3 26 | TN | 277.20 | 2,075 | 0.00 | 0 | 120.00 | 900 |
| Miscellaneous Process Tanks | 2 | 5 30 | TN | 277.20 | 504 | 0.00 | 0 | 120.00 | 391 |
| Condensate Transfer System 2" & < - Pipe | 1.430 | 2 15 | TN | 277.20 | 1,409 | 0.00 | 0 | 120.00 | 636 |
| Condensate Transfer System 2 1/2" & > - Pine | 4 312 | 64.68 | TN | 207.00 | 595 | 0.00 | 0 | 120.00 | 257 |
| Condensate Pumps | ., | 2 39 | TN | 207.00 | 13,44/ | 0.00 | D | 120.00 | 7,762 |
| Condensate Transfer Pumps | - 2 | 2.39 | TN | 207.90 | 49/ | 0.00 | 0 | 120.00 | - 287 |
| Condensate Storage Tanks | 1 | 1 20 | TN | 207.20 | 49/ | 0.00 | 0 | 120.00 | 287 |
| Bulk Gas System 2" & < - Pipe | 3 420 | 5 13 | TN | 277.20 | 331 | 0.00 | 0 | 120.00 | 143 |
| Bulk Gas Storage Area Facilities | -, -= | 6.87 | CY | 3264 | 1,422 | 0.00 | 0 | 120.00 | 616 |
| Water Analysis System | 1 | 0.50 | TN | 277 20 | 210 | 83.00 | 553 | 0.00 | 0 |
| Condensers | 1 | 264.40 | TN | 207.00 | 54 000 | 0.00 | 0 | 120.00 | 60 |
| Gland Steam Condensers | 1 | 2 50 | TN | 207.90 | 54,509 | 0.00 | 0 | 4,000.00 | 1,057,600 |
| Condensate Air Rem System 2" & < - Pipe | 1 049 | 1.57 | TN | 277.20 | J20 | 0.00 | 0 | 120.00 | 300 |
| | ., | 1,07 | | 211.20 | 104,605 | 0.00 | 2516 | 120.00 | 189 |
| Circulating Water Suntan | | | | | | | 2,010 | | 1,015,052 |
| Condensate Air Rem System 2 1/27 8 . Dies | 000 | | | • | | | | | |
| Circulating Water System 21/2 & > - Pipe | 223 | 3.35 | TN | 207.90 | 695 | 0.00 | 0 | 120.00 | 401 |
| Circulating Water System 2 d <- Pipe | 1/3 | 0.26 | TN | 277.20 | 72 | 0.00 | 0 | 120.00 | 31 |
| LIB Cignidating Mater Diving Insulation | 101 | 1.52 | TN | 207.90 | 315 | 0.00 | 0 | 120.00 | 182 |
| Circulating Water Piping - Insulation | 1 | 75.00 | CY | 63.00 | 4,725 | 19.00 | 1,425 | 0.00 | o |
| C M/ Charming Water Pumps | 2 | 47.98 | TN | 207.90 | 9,974 | 0.00 | 0 | 120.00 | 5,757 |
| o w chemical freatment System 2 & < - Pipe | 300 | 0.45 | TN | 277.20 | 125 | 0.00 | 0 | 120.00 | 54 |
| | | | | | 15,906 | | 1,425 | | 6,425 |
| Screen Wash System | | | | | | | | | |
| Screen Wash Bubbler System Equipment | 1 | 0.50 | TN | 277.20 | 139 | 0.00 | 0 | 120.00 | 60 |
| Screen Wash System 2" & <- Pipe | 30 | 0.05 | TN | 277.20 | 12 | 0.00 | ő | 120.00 | 00 |
| Screen Wash System 2 1/2" & >- Pipe | 166 | 0.83 | TN | 207.90 | 173 | 0.00 | 0 | 120.00 | 5 |
| Screen Wash Pumps | 1 | 0.77 | TN | 207.90 | 160 | 0.00 | Ň | 120.00 | 100 |
| | | | | | 484 | | <u> </u> | | |
| | | | | | 1 | | ŭ | | 257 |
| | | | | | 1 | | | | 1 |

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| | | | | Removal | | Disposal | | | |
|---------------------------------------|------------|----------|---------|----------|-----------|----------|----------|---------|-----------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| HRSG Stacks | | | | | | | | | |
| HRSG Stack Foundation Concrete | 1,550 | 1,550.00 | CY | 81.60 | 126,480 | 83.00 | 128,650 | Q.00 | 0 |
| Stack - Unit 3A | 1 | 131.75 | ŤN | 207.90 | 27,391 | 0.00 | 0 | 120.00 | 15,810 |
| Stack - Unit 3B | 1 | 131.75 | TN | 207.90 | 27,391 | 0.00 | 0 | 120.00 | 15,810 |
| Gland Steam Cond - Insulation | 90 | 1.00 | CY | 63.00 | 63 | 19.00 | 19 | 0.00 | 0 |
| | | | | | | | 128,669 | | 31,620 |
| Lube Oil System | | | | | | | | | |
| Lube Oil System 2" & < - Pipe | 1.275 | 1.91 | TN | 277.20 | 530 | 0.00 | a | 120.00 | 230 |
| Lube Oil System 2 1/2" & > - Pine | 161 | 2 42 | TN | 207.90 | 502 | 0.00 | ů. | 120 00 | 290 |
| Lube Oil Transfer/Return Pumos | 2 | 1.50 | TN | 207.90 | 312 | 0.00 | ő | 120.00 | 180 |
| ST (tube Oil Reservoir | - | 5.00 | TN | 207.90 | 1 040 | 0.00 | ň | 120.00 | 600 |
| | 1 | 1.00 | TN | 207.00 | 708 | 0.00 | 0 0 | 120.00 | 170 |
| | | 1.00 | | 207.00 | 2,591 | 0,00 | | 120.00 | 1,419 |
| Cranes and Hoists | | | | | | | | | |
| Power Block Gantry Crane | 1 | 105.00 | TN | 207.90 | 21,830 | 0.00 | 0 | 120.00 | 12.600 |
| Miscellaneous Monorails & Hoists | 13 | 32.50 | TN | 207.90 | 6,757 | 0.00 | 0 | 120.00 | 3,900 |
| | | | | | 28,586 | | 0 | | 16,500 |
| Combustion Turbine | | | | 1 | | | | | |
| C.T. Atomizing Air Skids | 1 | 22.50 | TN | 207.90 | 4,678 | 0.00 | 0 | 120.00 | 2,700 |
| C.T. Exhaust Frame Cooling Fan Skids | 1 | 6.00 | TN | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| C.T. Starting Motor Skids | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| C.T. Water Wash Skids | 1 | 13.00 | TN | 277.20 | 3,604 | 0.00 | 0 | 120.00 | 1,560 |
| C.T. Lube Oil Skids | 1 | 53.50 | TN | 277.20 | 14,830 | 0.00 | o | 120.00 | 6,420 |
| C.T. Fuel Gas Skids | 1 | 44.00 | TN | 277.20 | 12,197 | 0.00 | 0 | 120.00 | 5,280 |
| C.T. Halon Skids | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Make-Up Water StorageTank Edn | 140 | 140.00 | CY | 81.60 | 11,424 | 83.00 | 11.620 | 0.00 | 0 |
| Demineralizer System | 1 | 12.50 | TN | 277.20 | 3.465 | 0.00 | 0 | 120.00 | 1 500 |
| insulation | 1 | 300.00 | CY | 63.00 | 18,900 | 19.00 | 5 700 | 0.00 | ,, |
| Make-Up Water StorageTanks | 1 | 85.00 | TN | 277.20 | 23,562 | 0.00 | 0 | 120.00 | 10,200 |
| | | | | | 102,639 | | 17,320 | | 31,980 |
| Closed Cooling Water System | | | | | | | | | |
| Closed Cooling Water Heat Exchangers | 2 | 25.57 | TN | 277.20 | 7,088 | 0.00 | Q | 120.00 | 3,068 |
| CCW System 2" & < - Pipe | 3,712 | 5.57 | TN | 277.20 | 1,543 | 0.00 | 0 | 120.00 | 668 |
| CCW System 2 1/2" & > - Pipe | 4,907 | 73.61 | TN | 207.90 | 15,302 | 0.00 | 0 | 120.00 | 8,833 |
| Closed Cooling Water Pumps | 3 | 4.88 | TN | 207.90 | 1,014 | 0.00 | 0 | 120.00 | 585 |
| | | | | | 24,947 | | | | 13,154 |
| Account 343 Totals: | | | | ļ | 2,027,910 | | 484,056 | | 2,024,223 |
| Account 344: Generators | | | | | | | | | |
| Steam Turbine Foundation Mat Concrete | 714 | 714.00 | CY | 81.60 | 58,262 | 83.00 | 59,262 | 0.00 | 0 |
| Steam Turbine Concrete Pedestal | 620 | 620.00 | CY | 81.60 | 50,592 | 83.00 | 51,460 | 0.00 | 0 |
| C.T. 3A Generator | 1 | 157.00 | TN | 157.50 | 24,728 | 0.00 | 0 | 120.00 | 18,840 |
| C.T. 3B Generator | 1 | 157.00 | · TN | 157.50 | 24,728 | 0.00 | 0 | 120.00 | 18,840 |
| C.T. Generator Exit Skids | 1 | 5.00 | TN | 207.90 | 1,040 | 0.00 | 0 | 120,00 | 600 |
| Insulation | 1 | 100.00 | CY | 63.00 | 6,300 | 19.00 | 1,900 | 0.00 | 0 |

| | | | | Removal | | Disposal | ······································ | | |
|---|------------|----------|---------|----------|---------|----------|--|----------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Generator Copper | | 18.00 | TN | 617.40 | 11,113 | 0.00 | | 5,000.00 | 90,000 |
| Generator | 1 | 200.00 | TN | 157.50 | 31,500 | 0.00 | 0 | 120.00 | 24,000 |
| Account 344 Totals: | | | | | 208,262 | | 112,622 | | 152,280 |
| Account 345: Accessory Electric Equipment | | | | ļ | | | l | | |
| Excitation System | | | | | | | | | |
| Generator Excitation Power Transformers | 3 | 37.50 | TN | 207.90 | 7,796 | 0.00 | 0 | 120.00 | 4,500 |
| Transformer Copper | | 15.00 | TN | 466.20 | 6,993 | 0.00 | 0 | 5,000,00 | 75.000 |
| Instrumentation | 925 | 9.25 | TN | 277.20 | 2,564 | 0.00 | o | 120.00 | 1,110 |
| | | | | 4 | 17,353 | | | | 80,610 |
| Emergency Diesel Generators | | | | | | | | | |
| Diesel Generator Foundations | 81 | 81.00 | CY | 81.60 | 6,610 | 83.00 | 6,723 | 00.0 | Ũ |
| Emergency Diesel Generator | 1 | 5.02 | TN | 207.90 | 1,044 | 0.00 | 0 | 120.00 | 602 |
| EDG System 2" & <- Pipe | 30 | 0.05 | TN | 277.20 | 12 | 0.00 | 0 | 120.00 | 5 |
| | | | | | 7,666 | | 6,723 | | 608 |
| Electrical Equipment | | | | | | | | | |
| Electrical Equipment Pads | 412 | 412.00 | CY | 81.60 | 33,619 | 83.00 | 34,196 | 0.00 | Ð |
| Station Battery, Charger & Panels | 1 | 3.00 | TN | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Grounding & Cathodic Protection | 1 | 75.00 | TN | 277.20 | 20,790 | 0.00 | 0 | 120.00 | 9,000 |
| Grounding & Cathodic Protection | 1 | 27,50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| Grounding Grid (Incl Pads, Rods) | 25,000 | 6.25 | TN | 277.20 | 1,733 | 0.00 | 0 | 120.00 | 750 |
| Lightning Protection | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Embedded Conduits | 40,120 | 237.75 | CY | 312.80 | 74,368 | 0.00 | 0 | 0.00 | 0 |
| Power & Control Conduits | 108123 | 135.15 | TN | 277.20 | 37,465 | 0.00 | 0 | 120.00 | 16,218 |
| Cable Tray | 14654 | 183.18 | ŤN | 277.20 | 50,776 | 0.00 | 0 | 120.00 | 21,981 |
| Concrete Duct Banks | 2,110 | 2,110.00 | CY | 81.60 | 172,176 | 83.00 | 175,130 | 0.00 | 0 |
| Electrical Manholes | 25 | 69.44 | CY | 81.60 | 5,667 | 83.00 | 5,764 | 0.00 | 0 |
| Isophase Bus | 450 | 9.00 | TN | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1,080 |
| Main Control Boards | 1 | 13.33 | TN | 277.20 | 3,696 | 0.00 | 0 | 120.00 | 1,600 |
| Miscellaneous Relay Panels | 12 | 3.56 | IN | 277.20 | 986 | 0.00 | 0 | 120.00 | 427 |
| | 122 | 12.20 | IN | 277.20 | 3,382 | 0.00 | 0 | 120.00 | 1,464 |
| | 2 | 10.00 | IN | 277.20 | 2,772 | 0.00 | 0 | 120.00 | 1,200 |
| Miscellaneous Power Transformers | 1 | 27.50 | IN | 207,90 | 5,717 | 0.00 | 0 | 120.00 | 3,300 |
| Annual Copper | ¢ | 11.00 | Th | 400.20 | 5,128 | 0.00 | 0 | 5,000.00 | 55,000 |
| 400 V Local Centers | 0 | 10,00 | TN | 277.20 | 4,138 | 0.00 | u l | 120.00 | 1,800 |
| 400 V Motor Colline Centers | 0 60046 | 20,00 | TN | 758.00 | 5,044 | 0.00 | 0 | 120.00 | 2,400 |
| Power Cable - Medium Voltage | 246070 | 37.05 | TN | 758.00 | 40,778 | 0.00 | U | 2,100.00 | 129,939 |
| Floctrical Switchoost Foundations | 2405/5 | - 441.00 | CY | 91.60 | 20,007 | 0.00 | 20,000 | 2,100.00 | 11,198 |
| Non-Sea Rus | | 17 79 | TN | 277.20 | 30,980 | 00.00 | 30,603 | 100.00 | 0 |
| 4 16 KV Switchgear | 603 A | 10.00 | TN | 207 90 | 4,928 | 0.00 | U | 120.00 | 2,134 |
| Control Cable | 462517 | 16 19 | TN | 756.00 | 12 239 | 0.00 | 0 | 2 100 00 | 1,200 |
| Instrumentation Cable | 369710 | 9 24 | TN | 756.00 | R 089 | 0.00 | 0 | 2,100.00 | 33,883 |
| Distributed Control System | 1 | 2.50 | TN | 447 30 | 1 118 | 0.00 | , | 120.00 | 19,410 |
| | | | | | 577,741 | 0.00 | 251,693 | 120.00 | |
| Account 345 Totals: | | | | | 602,760 | | 258.416 | | 466,173 |

| | | | | Removal | | Disposal | | | |
|---|------------|----------|----------|----------|-----------|----------|-----------|---------|-----------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Account 346: Miscellaneous Power Plant Fo | uinment | | | | | | | | |
| Compressed Air System | diprivent. | | | | | | | | |
| Compressed Air Piping | 7.245 | 10.87 | TN | 447.30 | 4,861 | 0.00 | 0 | 120.00 | 1,304 |
| Instrument Air System - 2" & < Pipe | 1,158 | 1.74 | TN | 277.20 | 481 | 0.00 | 0 | 120.00 | 208 |
| Service Air System 2" & < Pipe | 2,939 | 4.41 | TN | 277.20 | 1,222 | 0.00 | 0 | 120.00 | 529 |
| Instrument Air System $-2.1/2^{*}$ & > Pipe | 480 | 2 40 | TN | 207.90 | 499 | 0.00 | G | 120.00 | 288 |
| Service Air System 2 1/2" & > Pipe | 485 | 2.43 | TN | 207.90 | 504 | 0.00 | 0 | 120.00 | 291 |
| Service Air Compressors & Rec. | 1 | 4.53 | TN | 277.20 | 1,256 | 0.00 | 0 | 120.00 | 544 |
| Instrument Air Compressors, Rec. & Drvers | 1 | 9.06 | TN | 277.20 | 2,511 | 0.00 | 0 | 120.00 | 1,087 |
| ······································ | | | | | 11,335 | | 0 | | 4,251 |
| Other Equipment | | | | | | | | | |
| Plant Communications & Phones | 1 | 2.00 | TN | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Heat Tracing | . 1 | 1.25 | TN | 277.20 | 347 | 0.00 | 0 | 120.00 | 150 |
| Fire Protection/Detection Equipment | . 1 | 2.50 | TN | 277 20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Miscellaneous Electrical Items | | 20.00 | TN | 277 20 | 5 544 | 0.00 | o. | 120.00 | 2.400 |
| insocializedas Liecolar Renis | • | 20.00 | | 211.20 | 7,138 | 0.00 | ŏ | 120.00 | 3.090 |
| | | | | | ., | | - | | -, |
| Account 346 Totals: | | | | - | 18,473 | | 0 | | 7,341 |
| Unit 3 Totals | | | | | 4,717,323 | | 1,903,783 | | 3,093,716 |
| 11-14 4 | | | | | | | | | |
| Unit 4 | | | | | | | | | |
| Account 341: Structures and improvements | | | | | | | | | |
| Lighting and Fire Protection Systems | | E 50 | - | 417.20 | 0.460 | 0.00 | | 400.00 | 850 |
| Yard Lighting | 1 | 5.50 | TN | 447.30 | 2,400 | 0.00 | 0 | 120.00 | 340 |
| Prant Lighting | 1 | 2.00 | 1 N | 447.30 | 680 | 0.00 | 47 670 | 120.00 | 240 |
| Fire Protection System Foundation | 5,325 | 213.00 | CY CY | 81.60 | 17,381 | 83.00 | 17,079 | 0.00 | 0 |
| Sanitary Sewer Piping Foundations | 1,230 | 18.22 | CY | 81.60 | 1,48/ | 83.00 | 1,512 | 0.00 | |
| | | | | | 22.,222 | | 19,181 | | - 500 |
| Power Block | | | | | | | | | |
| Power Block - Structural Steel | 1,044 | 1,044.00 | TN | 207.90 | 217,048 | 0.00 | 0 | 120.00 | 125,280 |
| Base Plates Unit 4A | 1 | 20.00 | TN | 207.90 | 4,158 | 0.00 | 0 | 120.00 | 2,400 |
| Base Plates Unit 4B | 1 | 20.00 | · TN | 207.90 | 4,158 | 0.00 | 0 | 120.00 | 2,400 |
| Power Block - Handrail, Toeblock, Misc. | 1 | 5.00 | TN | 447.30 | 2,237 | 0.00 | 0 | 120.00 | 600 |
| Power Block - Decking | 40,212 | 301,59 | TN | 447.30 | 134,901 | 0.00 | 0 | 120.00 | 36,191 |
| Power Block - Ladders, Stairs & Platforms | 58 | 58.00 | TN | 447.30 | 25,943 | 0.00 | 0 | 120.00 | 6,960 |
| HRSG Structural/Ductwork - Unit 3A | 1 | 210.05 | TN | 277.20 | 58,226 | 0.00 | 0 | 120.00 | 25,206 |
| HRSG Structural/Ductwork - Unit 38 | 1 | 205.05 | TN | 277.20 | 56,840 | 0.00 | 0 | 120.00 | 24,606 |
| Lighting Panels | 1 | 0.03 | TN | 447.30 | 11 | 0.00 | 0 | 120.00 | 3 |
| Power Block Grade Slab Concrete | 2,102 | 2,102.00 | CY | 81.60 | 171,523 | 83.00 | 174,466 | 0.00 | 0 |
| Power Block Structure Foundation Concrete | 2,432 | 2,432.00 | CY | 81.60 | 198,451 | 83.00 | 201,856 | 0.00 | 0 |
| Power Block Elevated Slabs | 581 | 581.00 | CY | 81.60 | 47,410 | 83.00 | 48,223 | 0.00 | 0 |
| HRSG Analyzer Buildings (2 ea) | 540 | 200.00 | CY | 81.60 | 16,320 | 83.00 | 16,600 | 0.00 | 0 |
| HRSG DCS Buildings (2 ea) | 688 | 152.89 | CY | 81.60 | 12.476 | 83.00 | 12,690 | 0.00 | 0 |
| u ,, | | | | Ē. | 949,701 | | 453,835 | | 223,646 |
| | | | | | | | | | |

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| | | | | Removal | | Disposal | ········· | | |
|--|-------------|----------|---------|----------|-----------|----------|-----------|---------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Open Cooling Water System | | | | † | | | | | |
| OCW System 2" & < - Pipe | 277 | 0.42 | TN | 277.20 | 115 | 0.00 | 0 | 120.00 | 50 |
| OCW System 2 1/2" & > - Pipe | 774 | 42.57 | TN | 207.90 | 8,850 | 0.00 | 0 | 120.00 | 5,108 |
| OCW Duplex Basket Strainers | 1 | 0.15 | TN | 277.20 | 42 | 0.00 | 0 | 120.00 | 18 |
| Open Cooling Water Pumps | 1 | 11.80 | TN | 207.90 | 2,453 | 0.00 | 0 | 120.00 | 1,416 |
| Open Cooling Water Booster Pumps | 3 | 9.80 | TN | 207.90 | 2,038 | 0,00 | 0 | 120,00 | 1,176 |
| | | | | | 13,498 | | 0 | | 7,769 |
| Pond Water System | | | | 1 | | | | | |
| Pond Water System 2" & < - Pipe | 165 | 0.25 | TN | 277.20 | 69 | 0.00 | o | 120.00 | 30 |
| Pond Water System 2 1/2" & > - Pipe | 822 | 4.11 | TN | 207.90 | 854 | 0.00 | 0 | 120.00 | 493 |
| Pond Water Booster Pumps | 1 | 3.27 | TN | 207.90 | 679 | 0.00 | 0 | 120.00 | 392 |
| | | | | | | | 0 | | 915 |
| Water Treatment System | | | | | | | | | |
| Service Water System 2" & < - Pipe | 1,444 | 2.17 | TN | 207.90 | 600 | 0.00 | 0 | 120.00 | 260 |
| Service Water System 2 1/2" & > - Pipe | 460 | 2.30 | TN | 207.90 | 188 | 0.00 | 0 | 120.00 | 276 |
| Service Water Pumps | 1 | 0.57 | TN | 277.20 | 157 | 0.00 | 0 | 120.00 | 68 |
| HRSG Blowdown Tank Sump | 200 | 200.00 | CY | 81.60 | 16,320 | 83.00 | 16,600 | 0.00 | 0 |
| Wastewater System 2" & < - Pipe | 1,230 | 1.85 | TN | 277.20 | 511 | 0.00 | 0 | 120.00 | 221 |
| Power Block Drainage Pipe Foundations | 4,290 | 63.56 | CY | 32.64 | 2,074 | 83.00 | 5,275 | 0.00 | 0 |
| Wastewater System 2 1/2" & > - Pipe | 7,863 | 117.95 | TN | 207.90 | 24,521 | 0.00 | 0 | 120.00 | 14,153 |
| Sump Pumps | 35 | 8.75 | TN | 207.90 | 1,819 | 0.00 | 0 | 120.00 | 1.050 |
| Sump Pumps & Miscellaneous | 8 | 2.00 | TN | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
| Potable Water System | 1,240 | 18.37 | CY | 32.64 | 600 | 83.00 | 1,525 | 0.00 | o |
| Pipe Rack Drilled Piers - Concrete | 657 | 657.00 | CY | 81.60 | 53,611 | 83.00 | 54,531 | 0.00 | 0 |
| Switchgear Building | 1 | 200.00 | CY | 81.60 | 16,320 | 83.00 | 16,600 | 0.00 | 0 |
| | | | | | 117,138 | | 94,531 | | 482,728 |
| Account 341 Totals: | | | | | 1,104,162 | | 567,557 | | 715,957 |
| Account 342: Fuel Holders, Producers and | Accessories | | | | | | | | |
| Gas System | | | | | | | | | |
| Natural Gas System 2" & < - Pipe | 33 | 0.05 | TN | 277.20 | 14 | 0.00 | 0 | 120.00 | 6 |
| Gas Piping | 1,495 | 82.23 | TN | 277.20 | 22,793 | 0.00 | 0 | 120.00 | 9,867 |
| Natural Gas System 2 1/2" & > - Pipe | 309 | 17.00 | TN | 207.90 | 3,533 | 0.00 | 0 | 120.00 | 2,039 |
| Liquid Fuel System 2 1/2" & > - Pipe | 1,642 | 24.63 | ' TN | 207.90 | 5,121 | 0.00 | 0 | 120.00 | 2,956 |
| Account 342 Totals: | | | | | 31,460 | 1 | 0 | | 14,868 |
| Acount 343: Prime Movers | | | | | | | | | |
| HRSG Foundation | 1,212 | 1,212.00 | CY | 81.60 | 98,899 | 83.00 | 100,596 | 0.00 | 0 |
| HRSG Mechanical - Unit 4A | 1 | 158.80 | TN | 157.50 | 25.011 | 0.00 | 0 | 120.00 | 19.056 |
| HRSG Mechanical - Unit 4B | 1 | 162.30 | TN | 157.50 | 25,562 | 0.00 | 0 | 120.00 | 19.476 |
| Mechanical Finishes - Casings | 1 | 66.45 | TN | 207.90 | 13.815 | 0.00 | o | 120.00 | 7.974 |
| Modules - Unit 4A | 1 | 2,350.65 | TN | 157.50 | 370,227 | 0.00 | 0 | 120.00 | 287.078 |
| Modules - Unit 4B | 1 | 2,420.70 | · TN | 157.50 | 381,260 | 0.00 | 0 | 120.00 | 290,484 |
| HRSG Blowdown System 2 1/2" & > - Pipe | 476 | 16.66 | TN | 207.90 | 3,464 | 0.00 | 0 | 120.00 | 1.999 |
| Electrical & Controls - Unit 4A | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |

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| | | | | Removal | | Disposal | | | |
|---|------------|----------|---------|----------|---------|----------|----------|---------|----------|
| | | Totai | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Electrical & Controls - Unit 4B | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| | | | | | 933,485 | | 100,596 | | 627,667 |
| | | | | | | | | | |
| Feedwater System | | | | 1 | ľ | | 1 | | |
| Feedwater System 2" & < - Pipe | 1,599 | 2.40 | TN | 277.20 | 665 | 0.00 | 0 | 120.00 | 288 |
| Feedwater System 2 1/2" & > - Pipe | 1,491 | 52.19 | TN | 207.90 | 10,849 | 0.00 | 0 | 120.00 | 6,262 |
| Inco in reeowater pumps | 4 | 8.25 | TN | 207.90 | 1,716 | 0.00 | 0 | 120,00 | 990 |
| HRSG LP Feedwater Pumps | 4 | 8.25 | IN | 207.90 | 1,716 | 0.00 | 0 | 120.00 | 990 |
| Desemter Meke Lin Ruman | 620 | 620.00 | CY | 81.60 | 50,592 | 83.00 | 51,460 | 0.00 | 0 |
| Deaerator Make-Op Pumps | 2 | 2.79 | | 207.90 | 5/9 | 0.00 | 0 | 120.00 | 334 |
| t D Food Dumps - Insulation | 1,130 | 12.62 | | 63.00 | 795 | 19.00 | 240 | 0.00 | U |
| L /P Eachuster Dising Insulation | 200 | 2.22 | | 63.00 | 140 | 19.00 | 42 | 0.00 | U |
| L'DI FEEUWAREI FIDING - DISURBURS | 2,047 | 99.05 | UT | 03.00 | 6,240 | 19.00 | 1,882 | 0.00 | |
| [| | | | | 73,292 | } | 53,624 | | 6,865 |
| Combustion Turbine | | | | | | | | | |
| Compution Turbing Edn Concrete | 1 692 | 1 682 00 | cv | 91.60 | 137 251 | 82.00 | 120 800 | 0.00 | <u>م</u> |
| Condensate Pump Casinge | 1,002 | 1,002.00 | TN | 277.20 | 120 | 0.00 | 100,001 | 120.00 | 0 80 |
| Miscellaneous Mechanical Eminment Edge < 25cv | 117 | 117.00 | CY CY | 81.60 | 0.547 | 93.00 | 0711 | 120.00 | 00 |
| C.T. Skid Mounted Equipment Edn Coorrete Pade | 106 | 106.00 | CY | 91.60 | 8,550 | 83.00 | 9,711 | 0.00 | 0 n |
| C T 4A Combustion Turbine | 1 | 189.50 | TN | 157 50 | 20 680 | 0.00 | 0,750 | 120.00 | 22 620 |
| IC T 48 Combustion Turbine | 1 | 188.50 | TN | 157.50 | 20,500 | 0.00 | 0 | 120.00 | 22,020 |
| C.T. 4A Insulation | 1 | 28.89 | CY | 63.00 | 1 820 | 19.00 | 549 | 0.00 | 22,020 |
| C.T. 4B Insulation | 1 | 28.89 | CY | 63.00 | 1 820 | 19.00 | 549 | 0.00 | 0 |
| C.T. Interconnect Pipe 2 1/2" & > - Pine | 3.092 | 108.22 | | 207.90 | 22 499 | 0.00 | 0 | 120.00 | 12 986 |
| C.T. Interconnect Pipe 2 " & < - Pipe | 6.592 | 9.89 | TN | 277.20 | 2.741 | 0.00 | ő | 120.00 | 1 187 |
| | | | | | 243.844 | | 159,213 | | 59.473 |
| | | | | | | | | | |
| Main Steam System | | | | | | | | | |
| Main Steam System 2 1/2* & > Pipe | 4,605 | 1,036.13 | TN | 207.90 | 215,410 | 0.00 | 0 | 120.00 | 124,335 |
| L/B Main Steam Piping - Insulation | 4,398 | 171.03 | CY | 63.00 | 10,775 | 19.00 | 3,250 | 0.00 | 0 |
| Aux Boiler System 2" & < - Pipe | 525 | 0,79 | TN | 277.20 | 218 | 0.00 | o | 120.00 | 95 |
| Aux Boiler System 2 1/2" & > - Pipe | 200 | 3.00 | TN | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| L/B Auxiliary Boiler Piping - Insulation | 460 | 7.67 | CY | 63.00 | 483 | 19.00 | 146 | 0.00 | 0 |
| L/B B.O.P. Piping - Insulation | 228 | 3.80 | CY | 63.00 | 239 | 19.00 | 72 | 0.00 | 0 |
| | | | | | 227,750 | | 3,468 | | 124,790 |
| | | | - | j | | | | | |
| Blowdown System | | | | l | | | ľ | | |
| HRSG Blowdown System 2" & Under - Pipe | 463 | 0.69 | TN | 277.20 | 193 | 0.00 | 0 | 120.00 | 83 |
| HRSG Blowdown Tanks | 2 | 4.74 | TN | 207.90 | 985 | 0.00 | 0 | 120.00 | 569 |
| Main Steam DrainTanks | 2 | 2.88 | TN | 207.90 | 598 | 0.00 | 0 | 120.00 | 345 |
| HRSG Blowdown Tanks - Insulation | 322 | 3.58 | CY | 63.00 | 225 | 19.00 | 68) | 0.00 | 0 |
| Steam Drain Tanks - Insulation | 604 | 6.71 | CY | 63.00 | 423 | 19.00 | 128 | 0.00 | 0 |
| Mechanical Finishes - Insulation | 1 | 100.00 | CY | 63.00 | 6,300 | 19.00 | 1,900 | 0.00 | 0 |
| | | | | Į – | 8,724 | | 2,095 | | - 997 |
| Steam Tuching | | | | 1 | | | | | |
| Stoom Turbings Insulation | 5/0 | 400.00 | 01 | | | 40.00 | | | |
| Main Staam Suntam 2" P - Dias | D4U | 7.00 | · GY | 63.00 | 6,300 | 19.00 | 1,900 | 0.00 | 0 |
| Main Steam System 2 & < - Mpe | 2,542 | 1.63 | 111 | 2/1.20 | 2,114 | 0.00 | 0 | 120.00 | 915 |
| Steam Turbine Base Mates | 1 | 25.00 | 1 N | 157.50 | 3,938 | 0.00 | 0 | 120.00 | 3,000 |

| Removal, Disposal & Saturge Cost Workshet Units (UMITTES Cost per Measure (Saturge Measure) Cost per Measure (Cost Warkshet) Total (Units of (Cost Per Measure) Units of Measure (Cost Per Measure) Cost per Measure (Cost Per Measure) Total (Cost Per Measure) Units of Measure (Cost Per Measure) Cost per Measure (Cost Per Measure) Measure (Cost Per Measure) Measure (Cost Per Measure) Measure (Cost Per Measure) Measure (Cost Per Measure) Measure (Cost Per Measure) Measure (Cost Per Measure) | | | | | Remova | | Disposal | | | |
|--|---|------------|----------|---------|----------|----------|----------|----------|----------|-------------|
| Antroval, Disposal & Salvage Units of Query Market Units of Resource Cost Bisgooral Persource Solvage Cost Solvage Persource Cost Bisgooral Persource Solvage Cost Solvage Persource Cost Disposal Persource Solvage Cost Solvage Persource Solvage Cost Solvage Persource | | | Total | | Cost per | Totai | Cost per | Total | Unit | Tota |
| Code Worksheet QLANTTIES Measure Measure Cost Value | Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Silam Unite & Accessories 1 175.00 TM 207,80 38,383 0.00 0 120.00 61,20.00 </th <th>Cost Worksheet</th> <th>QUANTITIES</th> <th>Measure</th> <th>Measure</th> <th>Measure</th> <th>Cost</th> <th>Measure</th> <th>Cost</th> <th>Value</th> <th>Value</th> | Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Hydraulic Power Unit 1 1.50 TN 207.90 312 0.00 0 120.00 16 Cardensale System | Steam Turbine & Accessories | <u> </u> | 175.00 | TN | 207.90 | 36,383 | 0.00 | 0 | 120.00 | 21,000 |
| Instrument Tubing 14,437 3.61 TN 277.20 1,000 0.00 0 1 (20,00) 43 Condenate System 2' & < - Pipe | Hydraulic Power Unit | 1 | 1.50 | TN | 207.90 | 312 | 0.00 | 0 | 120.00 | 180 |
| Condensate System 50.046 1,900 25.25 Condensate System 2.77.20 5.73 0.00 0 120.00 2.45 Condensate System 2.77.20 5.73 0.00 0 120.00 2.45 Condensate System 2.77.20 5.73 0.00 0 120.00 2.40 Condensate System 2.77.20 5.73 0.00 0 120.00 2.40 Condensate System 2.77.20 2.82 0.00 0 120.00 2.40 Condensate System 2.6.70 1.4.69 0.70 1.4.69 0.00 1.1.60 120.00 15 Condensate System 1.6.27 TN 2.77.20 2.83 0.00 0 120.00 10 100 9.90 10.16 120.00 10 10.00 10 10.00 10 10.00 10.20 0.93 10.16 10.00 120.00 2.93 1N 207.90 10.16 0.00 120.00 2.93 10.20 | Instrument Tubing | 14,437 | 3.61 | TN | 277.20 | 1,000 | 0.00 | 0 | 120.00 | 433 |
| Condensate System 2077.20 573 0.00 0 120.00 24 Condensate System 2' & < - Pipe | | | | | 1 | - 50,046 | İ | 1,900 | | 25,528 |
| Goldenside System 2 A - Pipe 1,377 2.07 TN 277.20 573 0.00 0 120.00 2.42 Condenside System 2 W Z A > - Pipe 1,469 60.00 171 190.0 0 120.00 9.680 Condenside System 2 WZ A > - Pipe 1 1.25 TN 207.60 260 0.00 0 120.00 9.680 Condenside System 2 March 1 1.25 TN 207.60 280 0.00 0 120.00 120.00 15 Condenset System 2 March 1 1.075 TN 207.60 1.660 0.00 0 120.00 12 100 URSG Chemarch Fired System 2 K - Pipe 1.326 TN 207.60 1,102 0.00 0 120.00 22 20.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 120.00 < | | | | | | | | | | |
| Condensale System 2" & < - Pipe 1,469 B Condensale System 2" & < - Pipe 1,469 B Condensale View 12" & > - Pipe 1,469 B Condensale View 12" & > - Pipe 1,200 C C C C 63.00 C C C 63.00 C C C 63.00 C C C 63.00 C C C 63.00 C C C 63.00 C C C 64.00 C C C C 65.00 C C C C C C C C C C C C C C C C C C C | Condensate System | | | | 1 | | | | | |
| Schedmals System 21 / 27 & 8 > - Pipe 1,460 60.00 TN 207.80 16,777 0.00 0 120.00 6,88 Condensate Syntem 2 Lor X = A Q116 33.80 CV 63.00 2,111 13.00 63 0.00 0 120.00 15 0.00 0 120.00 15 0.00 120.00 10 0.00 0 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 10 0.00 120.00 0 120.00 0 120.00 0.00 120.00 0 120.00 0.00 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 120.00 0 0 <td>Condensate System 2" & < - Pipe</td> <td>1,377</td> <td>2.07</td> <td>ŤN</td> <td>277.20</td> <td>573</td> <td>0.00</td> <td>0</td> <td>120.00</td> <td>248</td> | Condensate System 2" & < - Pipe | 1,377 | 2.07 | ŤN | 277.20 | 573 | 0.00 | 0 | 120.00 | 248 |
| 20 Condensate Pupta - Insultation 2016 33.80 CY 63.00 2,117 19.00 638 0.00 Condensate Storage Tark Fdn 14 14.00 CY 81.80 1,142 83.00 1,142 0.00 0 Condensate Storage Tark Fdn 14 14.00 CY 81.80 1,142 83.00 1,142 0.00 0 120.00 120. | Condensate System 2 1/2" & > - Pipe | 1,469 | 80.80 | TN | 207.90 | 16,797 | 0.00 | 이 | 120.00 | 9,695 |
| Condensate Single Tank Frén 1 1.25 TN 207.90 280 0.00 0 120.00 15 Condensate Marke Up Pumps 1 0.75 TN 207.90 156 0.00 0 120.00 0 Condensate Single Tank Fré 1 0.75 TN 207.90 156 0.00 0 120.00 0 IRSG Chemical Feed Skids 1 7.60 TN 207.90 6.76 0.00 0 120.00 60 Mideol Bisciencia Process Tanks 2 5.30 TN 207.90 6.76 0.00 0 120.00 63 Sondensate Tanks Fystem 2 127.8 - Pipe 3.244 4.86 TN 207.90 10.16 0.00 0 120.00 53 Sondensate Tanks Fystem 2 127.8 - Pipe 3.244 4.86 TN 207.90 4.07 0.00 0 120.00 20 20 20.00 20 20.00 20 20.00 20 20.00 20 | L/B Condensate Piping - Insulation | 2,016 | 33.60 | CY | 63.00 | 2,117 | 19.00 | 638 | 0.00 | C |
| Condensate Storage Tanks (Frin 14 14,00 CY 81,00 1,142 83,00 1,162 0,00 120,00 12 RISG Chemical F.G. System 7.5 < - Pipe 680 1.0.2 TN 277,20 1285 0.00 0 120,00 12 RISG Chemical F.G. System 7.5 < - Pipe 1,434 1 3.28 TN 207,90 1676 0.00 0 120,00 05 Storage Tanks 1 3.28 TN 207,90 1,676 0.00 0 120,00 05 Storage Tanks 1 3.28 TN 207,90 1,676 0.00 0 120,00 05 Storage Tanks 2 5.30 TN 207,90 1,010 0 0 120,00 25 Storadensate Pumps 7.5 < - Pipe 1,434 2,15 TN 277,20 1566 0.00 0 120,00 58 Storadensate Pumps 7.5 < - Pipe 1,434 2,15 TN 207,90 10,116 0.00 0 120,00 58 Storadensate Pumps 2 2,239 TN 207,90 467 0.00 0 120,00 28 Storadensate Pumps 2 2,239 TN 207,90 447 0.00 0 120,00 28 Storadensate Storage Tanks 1 2.26 TN 207,90 447 0.00 0 120,00 28 Storadensate Storage Tanks 1 2.26 TN 207,90 447 0.00 0 120,00 28 Storadensate Storage Tanks 1 2.26 TN 207,90 447 0.00 0 120,00 28 Storadensate Storage Tanks 1 2.26 TN 207,90 447 0.00 0 120,00 28 Storadensate Storage Tanks 1 2.26 TN 207,90 448 0.00 0 120,00 120,00 120,00 132 Storadensate Storage Tanks 1 2.26 TN 207,90 54,099 0.00 0 120,00 1322,00 14 Storadensate Storage Tanks 1 2.26 TN 207,90 54,099 0.00 0 120,00 1322,00 14 Storadensate Storage Tanks 1 2.26 TN 207,90 54,099 0.00 0 120,00 13,220,0 | Condenser Vacuum Pump Skid & Equip | 1 | 1.25 | TN | 207.90 | 260 | 0.00 | 0 | 120.00 | 150 |
| condensate Marke-Up Pumps 1 0.75 TN 207.90 166 0.00 0 120.00 0 RRSG Chemical Feed Skits 1 7.50 TN 207.90 676 0.00 0 120.00 0 0 RRSG Chemical Feed Skits 1 7.50 TN 207.90 676 0.00 0 120.00 0 0 Miscelinance Process Tanks 2 5.30 TN 207.90 676 0.00 0 120.00 63 Condensate Transfer System 71 & - Pipe 1.44 2.15 TN 207.90 476 0.00 0 120.00 5.83 Condensate Transfer Pumps 2 2.39 TN 207.90 447 0.00 0 120.00 28 Condensate Transfer Pumps 2 2.39 TN 207.90 447 0.00 0 120.00 120.00 28 Condensate Transfer Pumps 2 2.39 TN 207.90 546 0.00 0 120.00 120.00 120.00 120.00 120.00 120.00 | Condensate Storage Tank Fdn | 14 | 14.00 | CY | 81.60 | 1,142 | 83.00 | 1,162 | 0.00 | C C |
| HR03 Chemical Fd. System 2* & < - Pipe | Condensate Make-Up Pumps | 1 | 0.75 | TN | 207.90 | 156 | 0.00 | 0 | 120.00 | 90 |
| HRSS Chemical Feed Skids 1 7.50 TN 207.90 676 0.00 0 120.00 98 Miscellancus Process Tanks 2 5.30 TN 207.90 676 0.00 0 120.00 98 Sondensate Transfer System 21& < - Pipe | HRSG Chemical Fd. System 2 & < - Pipe | 680 | 1.02 | TN | 277.20 | 283 | 00.0 | D | 120.00 | 122 |
| ube OF Storage Tanks 1 3.26 TN 207.90 67.8 0.00 0 120.00 33 SchalastelTransfer System 2* & < - Pipe | HRSG Chemical Feed Skids | 1 | 7.50 | TN | 207.90 | 1,559 | 0.00 | 0 | 120.00 | 900 |
| Miscelaneous Process Tanks 2 5.30 TN 207.90 1,102 0.00 0 120.00 63 Condensate Transfer System 2 VZ & > - Pipe 3,344 4.866 TN 207.90 10,116 0.00 0 120.00 633 Condensate Transfer Pumps 2 2.39 TN 207.90 467 0.00 0 120.00 223 Condensate Transfer Pumps 2 2.39 TN 207.90 467 0.00 0 120.00 22 Condensate Transfer Pumps 2 2.39 TN 207.90 467 0.00 0 120.00 22 20.00 120.00 22 20.00 120.00 22 20.00 120.00 20.00 13.422.61 13.422.61 13.422.61 13.422.61 13. | Lube Oil Storage Tanks | 1 | 3.26 | TN | 207.90 | 678 | 0.00 | ٥ | 120.00 | 391 |
| Condensate Transfer System 2* & < Pipe 1,434 2.15 TN 277.20 596 0.00 0 120.00 22 Condensate Transfer Fungs 2 2.39 TN 207.90 10,116 0.00 0 120.00 583 Condensate Transfer Fungs 2 2.38 TN 207.90 447 0.00 0 120.00 283 Condensate Transfer Fungs 1 1.20 TN 207.90 248 0.00 0 120.00 120.00 283 Condensate Storage Tanks 1 1.20 TN 207.90 248 0.00 0 120.00 132.00 683 Sondensate Air Ren System 2* 4 < Pipe | Miscellaneous Process Tanks | 2 | 5.30 | TN | 207,90 | 1,102 | 0.00 | 0 | 120.00 | 636 |
| Condensate Transfer Pumps 2 2.9.00 1.16 0.00 0 1.20.00 5,83 Condensate Transfer Pumps 2 2.39 TN 207.90 497 0.00 0 120.00 28 Condensate Transfer Pumps 2 2.39 TN 207.90 497 0.00 0 120.00 28 Condensate Storage Tanks 1 1.20 TN 207.90 448 0.00 0 120.00 28 Condensate Storage Tanks 1 2.00 TN 207.90 54,969 0.00 0 120.00 33 Sind Staam Condensers 1 2.64.40 TN 207.90 520 0.00 0 120.00 33 20.00 120.00 30 120.00 30 120.00 30 120.00 30 120.00 30 120.00 30 120.00 30 120.00 30 120.00 30 30 0.00 120.00 30 120.00 30 120.00 | CondensateTransfer System 2" & < - Pipe | 1,434 | 2.15 | TN | 277.20 | 596 | 0.00 | 0 | 120.00 | 258 |
| Condensate Pumps 2 2.39 TN 207.90 497 0.00 0 120.00 28 Condensate Storage Tanks 1 1.20 TN 207.90 246 0.00 0 120.00 28 Condensate Tanks 1 1.20 TN 207.90 246 0.00 0 120.00 28 Condensate Storage Tanks 1 284.40 TN 207.90 544.99 0.00 0 120.00 132.00 98 Condensate Air Rem System 2* & < - Pipe | CondensateTransfer System 2 1/2" & > - Pipe | 3,244 | 48.66 | TN | 207.90 | 10,116 | 0.00 | 0 | 120.00 | 5,839 |
| Condensate Transfer Fumps 2 2.39 TN 207.90 477 0.00 0 120.00 28 Condensate Transfer Fumps 1 1.20 TN 207.90 2.44 0.00 0 120.00 14 Sund Stass System 2" & < - Pipe | Condensate Pumps | 2 | 2.39 | TN | 207.90 | 497 | 0.00 | . 0 | 120.00 | 287 |
| Condensate Storage Tanks 1 1.20 TN 207.90 246 0.00 0 120.00 14 Sundensate Storage Tanks 1 260 177.90 246 0.00 0 120.00 68 Condensate Storage Tanks 1 264.40 TN 207.90 54,699 0.00 0 120.00 30 Condensate Air Rem System 2* & < - Pipe | Condensate Transfer Pumps | 2 | 2.39 | TN | 207.90 | 497 | 0.00 | 0 | 120.00 | 287 |
| Sulk Gas System 2" & < - Pipe | Condensate Storage Tanks | 1 | 1.20 | TN | 207.90 | 248 | 0.00 | 0 | 120.00 | 143 |
| Condensers 1 264.40 TM 207,90 54,869 0.00 0 5,000.00 1,322,00 Sind Steam Condensers 1 2.50 TM 207,90 520 0.00 0 120,00 30 Sondensate Air Rem System 2* & < - Pipe | Bulk Gas System 2" & < - Pipe | 3,861 | 5.79 | TN | 277.20 | 1,605 | 0.00 | C | 120.00 | 695 |
| Sland Steam Condensers 1 2.50 TN 207,90 520 0.00 0 120,00 30 Condensate Air Rem System 2 1/2" & > - Pipe 839 1.26 TN 277,20 349 0.00 0 120,00 142 Condensate Air Rem System 2 1/2" & > - Pipe 235 3.53 TN 207,90 733 0.00 0 120,00 42 Sinculating Water System 2" & < - Pipe | Condensers | 1 | 264.40 | TN | 207.90 | 54,969 | 0.00 | 0 | 5,000.00 | 1,322,000 |
| Condensate Air Rem System 2* & < - Pipe | Gland Steam Condensers | 1 | 2.50 | TN | 207.90 | 520 | 0.00 | 0 | 120.00 | 300 |
| Condensate Air Rem System 2 1/2" & > - Pipe 235 3.53 TN 207,90 733 0.00 0 120,00 42 Strutiating Water System 2"Inculating Water System 2" & < - Pipe | Condensate Air Rem System 2" & < - Pipe | 839 | 1.26 | TN | 277.20 | 349 | 0.00 | 0 | 120.00 | 151 |
| Struitating Water System 94,797 1,800 1,342,81 Circulating Water System 2* & < - Pipe | Condensate Air Rem System 2 1/2" & > - Pipe | 235 | 3.53 | TN | 207.90 | 733 | 0.00 | 0 | 120.00 | 423 |
| Circulating Water System 2"% & < - Pipe 499 0.75 TN 277.20 207 0.00 0 120.00 9 Circulating Water System 2 1/2" & > - Pipe 106 1.59 TN 207.90 331 0.00 0 120.00 19 Circulating Water System 2 1/2" & > - Pipe 106 1.59 TN 207.90 331 0.00 0 120.00 19 Circulating Water System 2 1/2" & > - Pipe 300 0.45 TN 277.20 13,299 0.00 0 120.00 5,75 Chem Tr System 2" & < - Pipe | 1 | | | | 2 | 94,797 | | 1,800 | | 1,342,610 |
| Circulating Water System 2" & < - Pipe 499 0.75 TN 277.20 207 0.00 0 120.00 9 Circulating Water System 2 1/2" & > - Pipe 106 1.59 TN 207.90 331 0.00 0 120.00 19 Circulating Water System 2 1/2" & > - Pipe 106 1.59 TN 207.90 331 0.00 0 120.00 19 Circulating Water Pumps 2 47.98 TN 277.20 13,299 0.00 0 120.00 5,75 CW Chem Tr System 2" & < - Pipe | Circulating Water System | | | | | | | | | |
| Circulating Water System 2 1/2" & > - Pipe 106 1.59 TN 207.90 331 0.00 0 120.00 19 /// B Circulating Water Piping - Insulation 1 50.00 CY 63.00 3,150 19.00 950 0.00 120.00 5,75 Circulating Water Pumps 2 47.98 TN 277.20 13,299 0.00 0 120.00 5,75 CW Chem Tr System 2 & < - Pipe | Circulating Water System 2" & < - Pipe | 499 | 0.75 | TN | 277.20 | 207 | 0.00 | 0 | 120.00 | 90 |
| JB Circutating Water Piping - Insulation 1 50.00 CY 63.00 3,150 19.00 950 0.00 Sinculating Water Piping - Insulation 2 47.98 TN 277.20 13,299 0.00 0 120.00 5,75 Sinculating Water Pumps 2 47.98 TN 277.20 125 0.00 0 120.00 5,75 SW Chem Tr System 2* & < - Pipe | Circulating Water System 2 1/2" & > - Pipe | 106 | 1.59 | TN | 207.90 | 331 | 0.00 | 0 | 120.00 | 191 |
| Circulating Water Pumps 2 47.98 TN 277.20 13,299 0.00 0 120.00 5,75 CW Chem Tr System 2" & < - Pipe | L/B Circulating Water Piping - Insulation | 1 | 50.00 | CY | 63.00 | 3,150 | 19.00 | 950 | 0,00 | C |
| C W Chem Tr System 2* & < - Pipe | Circulating Water Pumps | 2 | 47.98 | TN | 277.20 | 13,299 | 0.00 | 0 | 120,00 | 5,757 |
| 44" Diameter ICW Pipe 60 26.67 CY 312.80 8,341 0.00 0 0.00 44" Diameter ICW Pipe 250 388,89 CY 312.80 121,644 0.00 0 0.00 Concrete - Cofferdam Area 295 295.00 CY 81.60 24,072 83.00 24,485 0.00 66" Diameter Inground CW Pipe 10 12.22 CY 312.80 3823 0.00 0 0.00 66" Diameter Inground CW Pipe 10 12.22 CY 312.80 3823 0.00 0 0.00 56" Diameter Inground CW Pipe 10 12.22 CY 312.80 3823 0.00 0 0.00 56" Diameter Inground CW Pipe 10 12.22 CY 312.80 3823 0.00 0 120.00 30 56 Terreen Wash System 11 6.00 TN 277.20 693 0.00 0 120.00 1,92 50 creen Wash Subler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 | C W Chem Tr System 2" & < - Pipe | 300 | 0.45 | TN | 277.20 | 125 | 0.00 | D | 120.00 | . 54 |
| 44" Diameter ICW Pipe 250 388.89 CY 312.80 121,644 0.00 0 0.00 Concrete - Cofferdam Area 295 295.00 CY 81.60 24,072 83.00 24,485 0.00 6" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 6" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 6" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 Attake Bar Rack & Cleaning Rake 1 2.50 TN 277.20 693 0.00 0 120.00 30 Intake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 Screen Wash System 2 1/2" & Pipe 166 0.83 TN 207.90 173 0.00 0 | 24" Diameter ICW Pipe | 60 | 26.67 | CY | 312,80 | 8,341 | 0.00 | o | 0.00 | C |
| Concrete - Cofferdam Area 295 295.00 CY 81.60 24,072 83.00 24,485 0.00 66" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 66" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 66" Diameter Inground CW Pipe 10 12.22 CY 312.80 3,823 0.00 0 0.00 Careen Wash System 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 Screen Wash System 2"& < - Pipe | 84" Diameter ICW Pipe | 250 | 388.89 | CY | 312.80 | 121,644 | 0.00 | 0 | 0.00 | Ċ |
| No 10 12.22 CY 312.80 3,823 0.00 0 0.00 Acreen Wash System 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Bar Rack & Cleaning Rake 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Bar Rack & Cleaning Rake 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Subler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 Screen Wash System 2 % - Pipe 29 0.04 TN 277.20 12 0.00 0 120.00 6 Screen Wash System 2 1/2" & < - Pipe 166 0.83 TN 207.90 173 0.00 0 120.00 10 Screen Wash System 2 1 0.77 TN 207.90 160 0.00 </td <td>Concrete - Cofferdam Area</td> <td>295</td> <td>295.00</td> <td>CY</td> <td>81.60</td> <td>24.072</td> <td>83.00</td> <td>24,485</td> <td>0.00</td> <td>Ċ</td> | Concrete - Cofferdam Area | 295 | 295.00 | CY | 81.60 | 24.072 | 83.00 | 24,485 | 0.00 | Ċ |
| Acreen Wash System 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Bar Rack & Cleaning Rake 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Bar Rack & Cleaning Rake 1 1.6.00 TN 277.20 4.435 0.00 0 120.00 1.82 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 1.39 0.00 0 1.20.00 66 Screen Wash System 2" & < - Pipe | 66" Diameter Inground CW Pipe | 10 | 12.22 | CY | 312.80 | 3,823 | 0.00 | 0 | 0.00 | c c |
| Accreen Wash System 1 2.50 TN 277.20 693 0.00 0 120.00 30 Intake Bar Rack & Cleaning Rake 1 16.00 TN 277.20 4,435 0.00 0 120.00 30 Intake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 66 Screen Wash System 2* & < Pipe | | | | | | 174,992 | | 25,435 | | 6,092 |
| Intake Bar Rack & Cleaning Rake 1 2.50 TN 277.20 693 0.00 0 120.00 300 Intake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 66 Screen Wash System 2" & < - Pipe | Screen Wash System | | | | | | | | | |
| ntake Traveling Screens 1 16.00 TN 277.20 4,435 0.00 0 120.00 1,92 Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 Screen Wash Bubbler System 2" & < - Pipe | Intake Bar Rack & Cleaning Rake | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Screen Wash Bubbler System Equipment 1 0.50 TN 277.20 139 0.00 0 120.00 6 Gcreen Wash System 2" & < - Pipe | Intake Traveling Screens | 1 | 16.00 | TN | 277.20 | 4,435 | 0.00 | 0 | 120.00 | 1,920 |
| Screen Wash System 2" & < - Pipe 29 0.04 TN 277.20 12 0.00 0 120.00 Screen Wash System 2 1/2" & > - Pipe 166 0.83 TN 207.90 173 0.00 0 120.00 10 Screen Wash System 2 1/2" & > - Pipe 166 0.83 TN 207.90 173 0.00 0 120.00 10 Screen Wash Pumps 1 0.77 TN 207.90 160 0.00 0 120.00 9 Screen Wash Pumps 1 0.77 TN 207.90 160 0.00 0 120.00 9 Screen Wash Pumps 1 0.77 TN 207.90 160 0.00 0 120.00 9 Screen Wash Pumps 1 0.77 TN 207.90 160 0.00 0 120.00 247 IRSG Stack IRSG Stack Interval Interval Interval Interval Interval Interval Interval Interval Interval< | Screen Wash Bubbler System Equipment | 1 | 0,50 | TN | 277.20 | 139 | 0.00 | 0 | 120.00 | .,uze 60 |
| Goreen Wash System 2 1/2" & > - Pipe 166 0.83 TN 207.90 173 0.00 0 120.00 100 | Screen Wash System 2" & < - Pipe | 29 | 0.04 | TN | 277.20 | 12 | 0.00 | ő | 120.00 | |
| Creen Wash Pumps 1 0.77 TN 207.90 160 0.00 0 120.00 9 5,611 0 2,47 | Screen Wash System 2 1/2" & > - Pipe | 166 | 0.83 | TN | 207.90 | 173 | 0.00 | 0 | 120.00 | 101 |
| IRSG Stack | Screen Wash Pumps | 1 | 0.77 | TN | 207.90 | 160 | 0.00 | 0 | 120.00 | 02 |
| IRSG Stack | · | | | | | 5,611 | | | 0.00 | |
| | HRSG Stack | | | | | | | | | |

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| | | | | Removal | | Disposal | | 1 | |
|---|------------|----------|---------|----------|-----------|----------|----------|----------|-----------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| HRSG Stack Foundation Concrete | 1,550 | 1,550.00 | CY | B1.60 | 126,480 | 83.00 | 128,650 | 0.00 | |
| Stack - Unit 4A | 1 | 131.75 | TN | 207.90 | 27,391 | 0.00 | 0 | 120.00 | 15 810 |
| Stack - Unit 4B | 1 | 131.75 | TN | 207.90 | 27,391 | 0.00 | 0 | 120.00 | 15,810 |
| Gland Steam Condenser - Insulation | 90 | 1.00 | CY | 63.00 | 63 | 19.00 | 19 | 0.00 | 10,010 |
| 1 | | | | | 181,325 | | 128.669 | | 31 620 |
| | | | | | , | | | | |
| Lube Oil System | | | | | | | | | |
| Lube Oil System - 2" & < Pipe | 1,090 | 1.64 | TN | 277.20 | 453 | 0.00 | 0 | 120.00 | 196 |
| Lube Oil System - 2 1/2* & > Pipe | 172 | 2.58 | TN | 207.90 | 536 | 0.00 | 0 | 120.00 | 310 |
| Lube Oil Transfer/Return Pumps | 2 | 1.50 | TN | 207.90 | 312 | 0.00 | 0 | 120.00 | 180 |
| S.T. Lube Oil Reservoir | 1 | 5.00 | TN | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |
| Turbo Lube Oil Conditioner | 1 | 1.00 | TN | 207.90 | 208 | 0.00 | 0 | 120.00 | 120 |
| | | | | | 2,549 | | 0 | | 1,406 |
| Cranes and Hoists | | | | | | | | | |
| Miscelianeous Monorails & Hoists | 13 | 32.50 | TN | 277.20 | 9,009 | 0.00 | 0 | 120.00 | 3,900 |
| Computing Turbing | | | | | | | | | i |
| C T Atomizion Air Skide | 4 | 22.50 | ŤN | 177 20 | 6 797 | 0.00 | | 100.00 | |
| C T Exhaust Frame Cooling Ean Skide | 1 | £.00 | TN | 277.20 | 0,237 | 0.00 | U | 120.00 | 2,700 |
| C T. Starting Mater Skide | 1 | 27.50 | 111 | 277.20 | 1,005 | 0.00 | 0 | 120.00 | 720 |
| C.T. Mater Mach Skide | 1 | 12.00 | 10 | 277.20 | 7,623 | 0.00 | U | 120.00 | 3,300 |
| C.T. Lubo Of Skide | 1 | 13.00 | | 277.20 | 3,604 | 0.00 | 0 | 120.00 | 1,560 |
| C.T. Eucl Cos Skids | 1 | 33.30 | TN | 211.20 | 14,830 | 0.00 | 0 | 120.00 | 6,420 |
| Loculation | 1 | 44.00 | IN OY | 211.20 | 12,197 | 0.00 | 0 | 120.00 | 5,280 |
| C T Hales Shide | 1 | 300.00 | | 63.00 | 18,900 | 19.00 | 5,700 | 0.00 | 0 |
| | 1 | 2.50 | 4 PC | 211.20 | 65,747 | 0.00 | 5,700 | 120.00 | 300 |
| Closed Cooling Water System | | | | | ļ | | | | |
| Closed Cooling Water Heat Exchanger | 2 | 25.57 | TN | 277 20 | 7 088 | 0.00 | 0 | 100.00 | 2 000 |
| CCW System 2 * & < - Pine | 3 678 | 5.52 | TN | 277.20 | 1 529 | 0.00 | , , | 120.00 | 3,006 |
| CCW System 2 1/2" & > - Pine | 4 868 | 73.02 | TN | 207.90 | 15 181 | 0.00 | ő | 120.00 | 002 |
| Closed Cooling Water Pumps | 3,000 | 4.88 | TN | 207.00 | 1 014 | 0.00 | Š | 120.00 | 8,762 |
| | v | 4.00 | , | 201.00 | 24,812 | 0.00 | 0 | 120.00 | 13,078 |
| Account 343 Totals | | | | | 2,095,983 | | 482,500 | | 2,268,789 |
| Account 344: Generators | | | | | | | | | |
| Steam Turbine Foundation Mat Concrete | 734 | 734 00 | CY | 81.60 | 50 904 | 83.00 | 60.000 | 0.00 | |
| Steam Turbine Pedestal Concrete | 820 | 620.00 | CY . | 81.60 | 50,094 | 53.00 | 51 400 | 0.00 | 0 |
| C T 4A Generator | | 157.00 | TN | 157.50 | 30,382 | 0.00 | 51,460 | 0.00 | 0 |
| C T 4B Generator | 4 | 157.00 | TN | 157.50 | 24,120 | 0.00 | 0 | 120.00 | 18,840 |
| C T Generator Evit Skide | | 500 | TN | 157.50 | 24,/28 | 0.00 | 0 | 120.00 | 18,840 |
| Contrator Conner | • | 19.00 | TN | 617.00 | /88 | 0.00 | 0 | 120.00 | 600 |
| Ceneralar Copper | 4 | 200.00 | TN | 457.50 | 11,113 | 0.00 | 0 | 5,000.00 | 90,000 |
| Account 344 Totals | 1 | 200.00 | 111 | 137.50 | 31,500 | 0.00 | 0 | 120.00 | 24,000 |
| | | | | | 203,342 | | 112,382 | | 152,280 |
| Account 345: Accessory Electric Equipment | | | | | | | | | |
| rooven and, regessory ciccure couldinent | | | | | 1 | | | | |

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| | | | | Removal | | Disposal | | | |
|---|------------|----------|---------|----------|---------|----------|-------------|----------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Excitation Equipment | | | | | | | | <u> </u> | |
| Generator Excitation Power Transformers | 3 | 37.50 | TN | 207.90 | 10,395 | 0.00 | Ø | 120.00 | 4,500 |
| Transformer Copper | | 15.00 | TN | 466.20 | 6,993 | 0,00 | O | 5,000.00 | 75,000 |
| Instrumentation | 861 | 8.61 | TN | 277.20 | 703 | 0.00 | 0 | 120.00 | 1,033 |
| | | | | | 18,091 | | 0 | | 80,533 |
| Electrical Equipment | | | | ļ | | | | | |
| Electrical Equipment Pads Concrete | 75 | 75.00 | CY | 81.60 | 6,120 | 83,00 | 6,225 | 0.00 | 0 |
| Uninterruptible Power Supply | 1 | 0.50 | TN | 277.20 | 139 | 0.00 | a | 120.00 | 60 |
| Station Battery Charger & Panels | 1 | 3.00 | TN | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Grounding & Cathodic Protection | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| Grounding Grid (Incl. Pads Rods) | 22,135 | 5.53 | TN | 277.20 | 1,534 | 0.00 | 0 | 120.00 | 664 |
| Lightning Protection | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Embedded Conduits Foundations | 38,870 | 230.34 | CY | 81.60 | 18,796 | 83.00 | 19,118 | 0.00 | 0 |
| Power & Control Conduits | 87728 | 109.66 | TN | 277.20 | 30,398 | 0.00 | 0 | 120.00 | 13,159 |
| Cable Trav | 12173 | 152.16 | TN | 277.20 | 42 179 | 0.00 | n | 120.00 | 18 260 |
| Concrete Duct Banks | 2.261 | 2.261.00 | CY | 81.60 | 184,498 | 83 00 | 187.663 | 0.00 | 0 |
| Electrical Manholes | 15 | 41.67 | CY | 32.64 | 1 360 | 83.00 | 3 458 | 0.00 | 0 |
| Isophase Bus | 450 | 9.00 | TN | 277.20 | 2 495 | 0.00 | с, .cc Л | 120.00 | 1 080 |
| Main Control Boards | 1 | 13 33 | TN | 277 20 | 3 696 | 0.00 | 0 | 120.00 | 1,600 |
| Miscellaneous Relay Panels | 12 | 3.56 | TN | 277.20 | 986 | 0.00 | 0 | 120.00 | 427 |
| Instrument Racks | 108 | 10.80 | TN | 277.20 | 2 004 | 0.00 | ő | 120,00 | 1 206 |
| Annunciators | 1 | 5.00 | TN | 277 20 | 1 386 | 0.00 | 0 | 120.00 | 600 |
| Miscellaneous Power Transformers | . 1 | 27.50 | TN | 277 20 | 7 623 | 0.00 | ő | 120.00 | 3 300 |
| 208/120V AC Distribution Panels | 3 | 0.89 | TN | 277 20 | 246 | 0.00 | 0 | 120.00 | 107 |
| 480 V I gard Centers | 3 | 7.50 | TN | 277 20 | 2 179 | 0.00 | 0 0 | 120.00 | 000 |
| 480 V Motor Control Centers | 7 | 17.50 | TN | 277 20 | 4 851 | 0.00 | 0 | 120.00 | 2 100 |
| 480V AC Distribution Pagels | . 1 | 3 30 | TN | 277.20 | 915 | 0.00 | n o | 120.00 | 396 |
| Power Cable - AKV | 57676 | 60.65 | TN | 756.00 | 45 849 | 0.00 | อ | 120.00 | 7 278 |
| Power Cable - Medium Voltage | 202791 | 30.42 | TN | 756.00 | 22 098 | 0.00 | 0 | 120.00 | 3,660 |
| Electrical Switchnear Foundation Concrete | 441 | 441.00 | CY | 81.60 | 35 086 | 83.00 | 36 6/3 | 0.00 | 0,000 |
| Non-Sea Bus | 889 | 17 78 | TN | 277.20 | 4 929 | 0.00 | 50,005 | 120.00 | 2 134 |
| 4 16 KV Switchnear | 3 | 7.50 | TN | 277.20 | 2 079 | 0.00 | 0 | 120.00 | 2,104 |
| Control Cable | 450512 | 16.08 | TN | 758.00 | 12 150 | 0.00 | u 0 | 120.00 | 1 020 |
| Instrumentation Cable | 206221 | 7 41 | | 756.00 | E 600 | 0.00 | 0 | 120.00 | 1,830 |
| Distributed Control Suctors | 250221 | 2.50 | TN | 277.20 | 3,399 | 0.00 | 0 | 120.00 | 200 |
| Distributed Control System | • | 2.00 | | 217.20 | 451,730 | 0.00 | 253,068 | 120.00 | 64,988 |
| Account 345 Totals | | | | | 469 820 | | | | 145 521 |
| | | | | | | | _**,••• | | |
| Account 346: Miscellaneous Plant Equipmen | <u>it</u> | | | | | | | | |
| Compressed Air Piping | 7,163 | 10.74 | TN | 277.20 | 2,978 | 0.00 | 0 | 120.00 | 1,289 |
| Instrument Air System 2" & < Pipe | 97 | 0.15 | TN | 277.20 | 40 | 0.00 | 0 | 120.00 | 17 |
| Service Air System 2 * & < Pipe | 1,900 | 2.85 | TN | 277.20 | 790 | 0.00 | 0 | 120.00 | 342 |
| Instrument Air System 2 1/2" & > Pipe | 313 | 1.57 | TN | 207.90 | 325 | 0.00 | 0 | 120.00 | 188 |
| Service Air System 2 1/2" & > Pipe | 365 | 1.83 | TN | 207.90 | 379 | 0.00 | 0 | 120.00 | 219 |
| Instrument Air Compressors, Rec, & Dryers | 1 | 9.06 | TN | 277.20 | 2,511 | 0.00 | 0 | 120.00 | 1,087 |
| Plant Communications & Phones | 1 | 2.00 | · TN | 277.20 | 554 | 0.00 | 0 | 120.00 | 240 |
| Heat Tracing | 1 | 1.25 | TN | 277.20 | 347 | 0.00 | 0 | 120.00 | 150 |
| Fire Protection/Detection Equipment | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120,00 | 300 |

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| Total Cost per Units of Measure Total Measure Cost per Measure Total M | | | | | Removal | | Disposal | | | |
|--|---|------------|----------|---------|----------|-----------|----------|-----------|---------|------------|
| Removal, Disposal Salvage Unit of Measure Unit of Measure Removal, Cost Measure Disposal Cost Measure Salvage Measure Cost Disposal Measure Cost Salvage Measure Cost Unit of Measure Cost Disposal Measure Cost Salvage Measure Cost Non O 120.00 Zalva Zalva Cost Unit 4 Totals 1 20.00 11 277.20 5.54 0.00 0 120.00 Zalva Cost 2,319,200 2,319,200 2,319,200 0,333,303,000 Unit 3 & Croates 2,00 447,35 2,440 0.00 0 120,00 260 20,00 | | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Cost Worksheet QUANTTIES Measure Neasure Cost Value Value< | Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Maculations Exclusion E | Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Account 348 Totals 14,183 6 6,233 Unit 4 Totals 3,318,333 1,415,507 3,333,368 Unit 3 & 1 totals 8,658,124 3,319,283 1,415,507 Stacount 341: Structures and Inservements 8,658,124 3,319,283 0,319,284 Junit 3 6,508,124 3,319,283 0,319,284 Junit 4 550 447,30 2,460 0,00 0 Part Liphting 1 2,50 447,30 2,800 1,512 0,00 200 Structures and Inservements 1,225 5,500 91,80 4,339 0,00 0 120,00 242,00 200 20 00 0 000 0 120,00 20,00 0 0,00 0 120,00 19,52 0,00 0 120,00 125,267 0,00 0 120,00 125,267 0,97,90 16,31,20 0,00 0 120,00 1,25,267 0,97,90 16,31,20 0,00 0 120,00 120,00 120,00 1,25,267< | Miscellaneous Electrical items | | 20.00 | TN | 277.20 | 5,544 | 0.00 | | 120.00 | 2,400 |
| Unit 4 Totals 3,515,30 1,415,50 3,333,88 Unit 3 & 4 Totals 2,019,200 3,319,200 3,303,88 Unit 3 & 4 Totals 2,028,224 3,319,200 3,303,88 Unit 3 Second 341: Structures and Incorvorments 3,300,000 0 120,00 6800 Unit 1, 500 1 5,50 447,30 885 0,00 0 120,00 2400 Paint Lighting 1 5,50 447,30 885 0,00 0 120,00 2400 Similary Stever Pring Foundation 1,225 53,50 447,30 885 0,00 0 0,00 0 120,00 2400 Similary Stever Pring Foundations 1,230 18,22 91,60 1,447,30 0,00 0 120,00 <td>Account 346 Totals</td> <td></td> <td></td> <td></td> <td></td> <td>14,163</td> <td></td> <td>0</td> <td></td> <td>6,233</td> | Account 346 Totals | | | | | 14,163 | | 0 | | 6,233 |
| Unit 3 & 4 Intals e. 608.020 3,319.200 0,597.394 Unit 3 Exceed 31: Structures and Improvements Landing and FLP Obtaction Systems fard Laphing 1 5.56 447.30 2.465 0.00 0 120.00 660 Link 3 Exceed 31: Structures and Improvements Laphing and FLP Obtaction Systems 1.220 447.30 2.465 0.00 0 120.00 660 The Prove Block - Structural Steel 1.220 53.00 81.80 4.327 83.00 (.512 0.00 0 120.00 260 Power Block - Structural Steel 1.044 1.044.50 207.90 120.00 0 120.00 120 | Unit 4 Totals | | | | 4 | 3,918,930 | | 1,415,507 | | 3,303,648 |
| Link 8 Account 341: Structure and Improvements Improvements Improvements Linding and File Protection Systems 1 5.50 447.30 2.460 0.00 0 120.00 266 Pint Lybring 1 2.50 447.30 2.460 0.00 0 120.00 264 Pint Lybring 1.225 53.00 81.60 4.325 83.00 1.512 0.00 0 | Unit 3 & 4 totais | | | | | 8,636,254 | | 3,319,290 | | 6,397,364 |
| Account 311: Structures and Improvements Labors and Fur Protection Systems Fart Lighting Part Lighting <td>Unit 8</td> <td></td> <td></td> <td></td> <td>}</td> <td></td> <td> </td> <td></td> <td></td> <td></td> | Unit 8 | | | | } | | | | | |
| Linktion and Fire Protection Systems Control Contre Control Control | Account 341: Structures and Improvements | | | | | | I | | | |
| Instructure 1 5:50 447.30 2,400 0.00 0 120.00 960 Pine Lighting 1 2,200 447.30 85.00 4,389 0.00 20 </td <td>Lighting and Fire Protection Systems</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Lighting and Fire Protection Systems | | | | | | | | | |
| Pient Lighting 1 2:00 447:30 8:50 0:00 0 12:00 2:40 Sanitary Sever Piping Foundations 1:220 5:30.0 16:10 4:37:30 8:30.0 4:83 0:00 | Yard Lighting | 1 | 5.50 | | 447.30 | 2.460 | 0.00 | 0 | 120.00 | 660 |
| File Protection System Fundation 1.325 5.00 91.00 4.325 8.00 4.309 0.00 0.00 Sanitary Slower Piping Foundations 1.230 18.22 81.60 4.437 83.00 1.512 0.00 0 Power Block 91.60 4.437 83.00 1.512 0.00 0 Power Block - Structural Steel 1.044.00 207.90 16.632 0.00 0 120.00 9.60 Power Block - Instratal, Toeblock, Misc. 2 10.00 447.30 269.00 0 120.00 0.00 0 | Plant Lighting | 1 | 2 00 | | 447.30 | 895 | 0.00 | 0 | 120.00 | 240 |
| Sanitary Sever Piping Foundations 1,230 18,22 81.60 1,477 83.00 1,512 0,00 0 Power Block Forwer Block - Structural Steel 1,044 1,044,00 207.90 217,048 0,00 0 120.00 125,266 Base Pilaes Unit 8 4 80.00 207.90 217,048 0.00 0 120.00 1,20.00 | Fire Protection System Foundation | 1 325 | 53.00 | | 81.60 | 4 325 | 83.00 | 4 399 | 0.00 | 0 |
| Prover Block Status Status <thstatus< th=""> <thstatus< th=""> Sta</thstatus<></thstatus<> | Sanitary Sewer Piping Foundations | 1,230 | 18.22 | | 81.60 | 1,487 | 83.00 | 1 512 | 0.00 | ° a |
| Power Block Power Block Structural Steel 1,044 1,044,00 207,90 217,046 0.00 0 120,00 125,262 Power Block - Becking 4 80,00 207,90 16,632 0.00 0 120,00 9,600 Power Block - Decking 80,424 603,16 447,30 26,8922 0.00 0 120,00 120,00 120,00 130,00 Power Block - Ladders, Stairs & Platforms 116 116,00 447,30 51,887 0.00 0 120,00 130,00 Power Block - Ladders, Stairs & Platforms 118 116,00 277,20 232,903 0.00 0 120,00 130,00 Power Block Structure Foundation Concrete 3,000 3,000,00 81,60 163,200 83,00 166,000 0.00 0 120,00 100,02 Power Block Fault Struture State Concrete 3,000 3,000 32,64 6,520 83,00 166,00 0.00 0 120,00 120,00 160,00 0.00 0 120,00 | | 1,200 | 10.22 | | 01.00 | | 00.00 | 5,911 | 0.00 | 900 |
| Dower Block - Structural Steel 1,044 1,044,00 207 50 217,048 0.00 0 120.00 125,260 Base Plates Unit 8 4 80.00 207.50 16,632 0.00 0 120.00 9,600 Power Block - Handral, Toeblock, Misc. 2 10.00 447.30 249,700 0 120.00 72,382 Power Block - Locking 80,424 803.18 447.30 269,802 0.00 0 120.00 72,382 Power Block - Locking 0.00 2.00 0.00 81.60 163.200 83.00 160.00 120.00 10.02,62 Power Block - Structural Mockow - Unit 8 4 40.20 277.20 232.903 0.00 0 120.00 10.02,62 Power Block - Structural Stable 650 650.00 81.60 53.040 83.00 240,000 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Power Block | | | | | | | | | |
| Base Plates Unit 8 4 80.00 207.90 16.032 0.00 0 120.00 9.000 Power Block - Ladders, Stairs & Platforms 118 116.00 447.30 269.802 0.00 0 120.00 7.200 Power Block - Ladders, Stairs & Platforms 118 116.00 447.30 51.687 0.00 0 120.00 7.2302 Power Block - Ladders, Stairs & Platforms 118 116.00 447.30 51.687 0.00 0 120.00 13.002 Power Block Functive Foundation Concrete 2,000 2,000.00 81.60 163.200 63.00 166.000 0.00 | Power Block - Structural Steel | 1,044 | 1,044.00 | | 207.90 | 217,048 | 0.00 | 0 | 120.00 | 125,280 |
| Power Block - Handrail, Toeblock, Miss. 2 10.00 447.30 4.473 0.00 0 120.00 72.300 Power Block - Ladders, Stairs & Platforms 116 116.00 447.30 269.802 0.00 0 120.00 12.820 Power Block - Ladders, Stairs & Platforms 116 116.00 447.30 269.802 0.00 0 120.00 13.820 HRSG Structural/Ductwork - Unit 8 4 840.20 277.20 232.903 0.00 0 120.00 100.822 Power Block Sincture Foundation Concrete 3,000 3,000.00 81.60 163.200 63.00 259.850 0.00 0 Power Block Structure Foundation Concrete 3,000 3,000.00 81.60 244.800 83.00 249.000 0.00 0 Power Block Structure Foundation Concrete 3,000 3,000.00 81.60 53.040 83.00 259.850 0.00 0 HRSG Analyzer Building 500 2200.00 32.64 6.528 83.00 169.600 0.00 0 HRSG DCS Building 500 200.00 32.64 6.528 83.00 189.600 0.00 0 URSG DCS Building 500 210.00 32.64 8.528 83.00 19.600 0.00 0 USCW System 7.8 < - Pipe 1,500 8.5.50 207.90 17.152 0.00 0 120.00 89.00 DCW Duptex Basket Strainers 4 0.50 277.20 167 0.00 0 120.00 89.00 DCW Duptex Basket Strainers 4 0.50 277.20 166 0.00 0 120.00 5.664 Dpen Cooling Water Fumps 3 3 9.80 277.30 1.00 0 120.00 5.664 Dpen Cooling Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 5.664 Dond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 5.664 Dond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 5.664 Dond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.784 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.773 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.784 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 6.13 207.90 1.784 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.225 0.13 207.90 1.784 0.00 0 120.00 7.73 Pond Water System 7.8 < - Pipe 1.220 0.50 Pond Wat | Base Plates Unit 8 | 4 | 80.00 | | 207.90 | 16,632 | 0.00 | 0 | 120.00 | 9,600 |
| Drover Block - Deckling 60,424 603,16 447,30 266,802 0.00 0 120,00 72,392 Prover Block - Ladders, Stars Platforms 116 116,00 447,30 51,867 0.00 0 120,00 13,922 Prover Block Strade State Concrete 2,000 2,000,00 81,60 163,200 83,00 166,000 0,00 0 0.00 0 1.20,00 0 1.20,00 0 1.20,00 0 1.20,00 0 1.20,00 0 1.20,00 0 1.20,00 0 | Power Block - Handrail, Toeblock, Misc. | 2 | 10,00 | | 447.30 | 4,473 | 0.00 | 0 | 120,00 | 1,200 |
| Power Block - Ladders, Stain & Platforms 116 116.00 447.30 51,867 0.00 0 120.00 13,920 HRSG Structural/Ductwork - Unit 8 4 840.20 277.20 232,903 0.00 0 120.00 100,824 Ower Block Structural/Ductwork - Unit 8 4 840.20 277.20 232,903 0.00 0 120.00 100,824 Ower Block Structural Foundation Concrete 3,000 3,000.00 81.60 244,800 83.00 249,000 0.00 0 </td <td>Power Block - Decking</td> <td>80,424</td> <td>603.18</td> <td></td> <td>447.30</td> <td>269,802</td> <td>0.00</td> <td>a</td> <td>120.00</td> <td>72.382</td> | Power Block - Decking | 80,424 | 603.18 | | 447.30 | 269,802 | 0.00 | a | 120.00 | 72.382 |
| HRSG Structural/Ductwork - Unit 6 4 840.20 277.20 232.903 0.00 0 120.00 100.824 Power Block Grade Slab Concrete 2,000 2,000.00 81.60 163.200 83.00 166,000 0.00 0.00 0 0.00 | Power Block - Ladders, Stairs & Platforms | 116 | 116.00 | | 447.30 | 51,887 | 0.00 | 0 | 120.00 | 13,920 |
| Dower Block Grade Slab Concrete 2,000 81.60 163.200 83.00 166,000 0.00 0.00 Dower Block Structure Foundation Concrete 3,000 3,000.00 81.60 244,800 83.00 249,000 0.00 0.00 0.00 Ower Block Elevated Slab 650 650 850.00 81.60 53,400 83.00 249,000 0. | HRSG Structural/Ductwork - Unit 8 | 4 | 840.20 | | 277.20 | 232,903 | 0.00 | 0 | 120.00 | 100.824 |
| Dower Block Structure Foundation Concrete 3,000 5,000,00 81.60 244,800 83.00 249,000 0.00 0.00 Dower Block Elevated States 650 650,00 81.60 53,040 83.00 53,850 0.00 0.00 RSG Analyzer Building 500 200.00 32.64 6,528 83.00 9,222 0.00 0.00 0.00 Deen Cooling Water System 500 111.11 32.64 3,627 83.00 9,222 0.00 | Power Block Grade Slab Concrete | 2.000 | 2,000.00 | | 81.60 | 163.200 | 83.00 | 166.000 | 0.00 | 0 |
| Power Block Elevated Stabs 650 650.00 81.60 53.040 83.00 53.950 0.00 0.00 IRSG Anatyzer Building 500 200.00 32.64 6,528 83.00 16,600 0.00 | Power Block Structure Foundation Concrete | 3,000 | 3,000.00 | | 81.60 | 244,800 | 83.00 | 249.000 | 0.00 | 0 |
| IRSG Analyzer Building 500 200.00 32.84 6,528 83.00 16,600 0.00 0.00 IRSG DCS Building 500 111.11 32.64 3,827 83.00 9,222 0.00 0.00 0.00 Deer Cooling Water System - 1,263,940 -494,72 323,300 - 323,200 Deer Cooling Water System - - 1,263,940 - 0.00 0 120.00 9,000 CW System 2 1/2* & > - Pipe 1,500 82.50 207.90 17,152 0.00 0 120.00 9,900 DCW System 2 1/2* & > - Pipe 4.0.80 277.20 166 0.00 120.00 72 Dpen Cooling Water Pumps 4 4.7.20 207.90 2,038 0.00 0 120.00 568 Open Cooling Water System 2 1/2* & > - Pipe 330 0.50 277.20 137 0.00 0 120.00 56 Ond Water System 2 1/2* & > - Pipe 330 0.50 277.90 1.37 0.00 0 120.00 56 Ond Water System 2 1/2* & > - Pipe 1,225< | Power Block Elevated Stabs | 650 | 650.00 | | 81.60 | 53,040 | 83.00 | 53,950 | 0.00 | Ö |
| 4RSG DCS Building 500 111.11 32.64 3,827 83.00 9,222 0.00 0 Deen Cooling Water System 2000 1,2283,940 484,772 323,206 Deen Cooling Water System 450 0.68 277,20 187 0.00 0 120.00 9900 DCW System 21/2" & > Pipe 1,500 82,50 207.90 17,152 0.00 0 120.00 9900 DCW Dupke Basket Strainers 4 0.80 277.20 166 0.00 120.00 9900 Doen Cooling Water Pumps 4 47.20 207.90 9,613 0.00 120.00 120.00 120.00 166 Open Cooling Water System 2 3.9.80 207.90 2,038 0.00 120.00 16,682 Open Cooling Water System 2 4.54 3.0.50 277.20 137 0.00 120.00 735 Ond Water System 2 1/2" & > Pipe 1,225 6.13 207.90 1,273 0.00 120.00 746 Ord Water System 2 1/2" & > Pipe 2,800 4.20 207.90 1,164 0.00 <t< td=""><td>HRSG Analyzer Building</td><td>500</td><td>200.00</td><td></td><td>32.64</td><td>6,528</td><td>83.00</td><td>18.600</td><td>0.00</td><td>0</td></t<> | HRSG Analyzer Building | 500 | 200.00 | | 32.64 | 6,528 | 83.00 | 18.600 | 0.00 | 0 |
| John Cooling Water System 1,283,940 494,772 323,200 DCW System 2* & < - Pipe | HRSG DCS Building | 500 | 111.11 | | 32.64 | 3,627 | 83.00 | 9,222 | 0.00 | C |
| Open Cooling Water System A50 0.68 277.20 187 0.00 0 120.00 84 DCW System 2' & < - Pipe | - | | | | | 1,263,940 | | 494,772 | | 323,206 |
| OCW System 2" & < Pipe 450 0.68 277.20 167 0.00 0 120.00 64 OCW System 2 1/2" & > Pipe 1,500 82.50 207.90 17,152 0.00 0 120.00 9,900 OCW Dybex Basket Strainers 4 0.60 277.20 166 0.00 0 120.00 9,900 Open Cooling Water Pumps 4 47.20 207.90 9,813 0.00 0 120.00 5,664 Open Cooling Water Pumps 3 9.80 207.90 2,038 0.00 0 120.00 1,176 Open Cooling Water System 2" & < - Pipe | Open Cooling Water System | | | | | | | | | |
| DCW System 2 1/2" & > - Pipe 1,500 82.50 207.90 17,152 0.00 0 120,00 9,900 DCW Duplex Basket Strainers 4 0.60 277.20 166 0.00 0 120,00 72 Dpen Cooling Water Pumps 4 47.20 207.90 9,813 0.00 0 120.00 5,664 Dpen Cooling Water Booster Pumps 3 9.80 207.90 2,038 0.00 0 120.00 1,17 Pond Water System 2* & < - Pipe | OCW System 2" & < - Pipe | 450 | 0.68 | | 277.20 | 187 | 0.00 | 0 | 120.00 | 81 |
| DCW Duplex Basket Strainers 4 0.60 277.20 166 0.00 0 120.00 72 Open Cooling Water Pumps 4 47.20 207.90 9,813 0.00 0 120.00 5,664 Open Cooling Water Booster Pumps 3 9.80 207.90 2,038 0.00 0 120.00 1,176 200 dWater System 2* & < - Pipe | OCW System 2 1/2" & > - Pipe | 1,500 | 82.50 | | 207.90 | 17,152 | 0.00 | 0 | 120.00 | 9,900 |
| Dpen Cooling Water Pumps 4 47.20 207.90 9,613 0.00 0 120.00 5,664 Dpen Cooling Water Booster Pumps 3 9.80 207.90 2,038 0.00 0 120.00 1,176 20nd Water System 29,356 0 120.00 5,664 207.90 2,038 0.00 0 120.00 1,176 20nd Water System 2* & < Pipe | OCW Duplex Basket Strainers | 4 | 0.60 | | 277.20 | 166 | 0.00 | 0 | 120.00 | 72 |
| Deen Cooling Water Booster Pumps 3 9.80 207.90 2,038 0.00 0 120.00 1,176 20nd Water System 2 & < - Pipe | Open Cooling Water Pumps | 4 | 47.20 | | 207.90 | 9,813 | 00.0 | 0 | 120.00 | 5,664 |
| Pond Water System Pipe 330 0.50 277.20 137 0.00 0 120.00 59 Pond Water System 2 1/2" & > - Pipe 1,225 6.13 207.90 1,273 0.00 0 120.00 735 Pond Water System 2 1/2" & > - Pipe 1,225 6.13 207.90 1,359 0.00 0 120.00 735 Pond Water Booster Pumps 2 6.54 207.90 1,359 0.00 0 120.00 784 Pond Water System 2" & < Pipe | Open Cooling Water Booster Pumps | 3 | 9.80 | | 207.90 | 2,038 | 0.00 | 0 | 120.00 | 1,176 |
| Water System 2* & < - Pipe 330 0.50 277.20 137 0.00 0 120.00 59 Pond Water System 2 1/2* & > - Pipe 1,225 6.13 207.90 1,273 0.00 0 120.00 735 Pond Water System 2 1/2* & > - Pipe 1,225 6.13 207.90 1,273 0.00 0 120.00 735 Pond Water System 2 1/2* & > - Pipe 2 6.54 207.90 1,359 0.00 0 120.00 784 Pond Water Booster Pumps 2 6.54 207.90 1,164 0.00 0 120.00 504 Water Treatment System 2 6.54 207.90 1,164 0.00 0 120.00 504 Service Water System 2 1/2* & > - Pipe 900 4.50 207.90 367 0.00 0 120.00 504 Service Water System 2 1/2* & > - Pipe 900 4.50 207.90 367 0.00 0 120.00 540 Service Water Pumps 4 2.27 < | Dand Water Sustem | | | | l | | | _ | | |
| Own Water System 2 it 2" & > - Pipe 330 0.30 217.20 137 0.00 0 120.00 58 Pond Water System 2 1/2" & > - Pipe 1,225 6.13 207.90 1,273 0.00 0 120.00 735 Pond Water System 2 1/2" & > - Pipe 2 6.54 207.90 1,359 0.00 0 120.00 784 Water Treatment System 2 6.54 207.90 1,164 0.00 0 120.00 784 Service Water System 2 1/2" & > - Pipe 900 4.20 207.90 1,164 0.00 0 120.00 504 Service Water System 2 1/2" & > - Pipe 900 4.50 207.90 367 0.00 0 120.00 504 Service Water Pumps 4 2.27 277.20 629 0.00 0 120.00 272 RSG Blowdown Tank Sump 150 150.00 81.80 12,240 83.00 12,450 0.00 0 0 Water System 2" & <- Pipe | Pond Water System 2" 8 < Dine | 120 | 0.50 | | 277.20 | 407 | 0.00 | | 100.00 | |
| Value system 2 1/2 a <- Fipe 1,223 0.13 20/.90 1,273 0.00 0 120.00 735 Pond Water Booster Pumps 2 6.54 207.90 1,359 0.00 0 120.00 784 Vater Treatment System 2 6.54 207.90 1,359 0.00 0 120.00 784 Vater Treatment System 2 6.54 207.90 1,164 0.00 0 120.00 504 Service Water System 2 1/2 * & > Pipe 900 4.50 207.90 367 0.00 0 120.00 504 Service Water System 2 1/2 * & > Pipe 900 4.50 207.90 367 0.00 0 120.00 540 Service Water System 2 1/2 * & > Pipe 900 4.50 207.90 367 0.00 0 120.00 540 Service Water Pumps 4 2.27 277.20 629 0.00 0 120.00 272 IRSG Blowdown Tank Sump 150 150.00 81.80 <t< td=""><td>Point vidici Oystelli 2 & S - Fipe Bond Mator Suntom 2 1 //// 8 S Din-</td><td>330</td><td>0.50</td><td></td><td>211.20</td><td>13/</td><td>0.00</td><td>0</td><td>120.00</td><td>59</td></t<> | Point vidici Oystelli 2 & S - Fipe Bond Mator Suntom 2 1 //// 8 S Din- | 330 | 0.50 | | 211.20 | 13/ | 0.00 | 0 | 120.00 | 59 |
| Value booster Pumps 2 0.54 207.90 1,359 0.00 0 120.00 784 Value booster Pumps 2,769 0 1,359 0 0 1,576 1,576 0 1,576 0 1,576 0 1,576 0 1,576 0 1,576 0 120.00 504 56 | Pond Mater Boaster Dumes | 1,225 | 6.13 | | 207.90 | 1,2/3 | 0.00 | 0 | 120.00 | 735 |
| Water Treatment System Valuer System 2* & < - Pipe 2,800 4.20 207.90 1,164 0.00 0 120.00 504 Service Water System 2* & < - Pipe | Pond Water Booster Pumps | 2 | 0.54 | | 207.90 | 2,769 | 0.00 | 0 | 120.00 | 784 |
| Service Water System 2" & < - Pipe 2,800 4.20 207.90 1,164 0.00 0 120.00 504 Service Water System 2" & < - Pipe | Water Treatment System | | | | | | | | | |
| Service Water System 2 1/2" &> - Pipe 900 4.50 207.90 367 0.00 0 120.00 540 Service Water System 2 1/2" &> - Pipe 900 4.50 207.90 367 0.00 0 120.00 540 Service Water Pumps 4 2.27 277.20 629 0.00 0 120.00 272 IRSG Blowdown Tank Sump 150 150.00 81.80 12,240 83.00 12,450 0.00 0 Wastewater System 2" & <- Pipe | Service Water System 2" & < - Pine | 2 800 | 4 20 | | 207.90 | 1 164 | 0.00 | ام ا | 120.00 | 504 |
| Service Water Pumps 4 2.27 277.20 629 0.00 0 120.00 272 IRSG Blowdown Tank Sump 150 150.00 81.80 12,240 83.00 12,450 0.00 0 Wastewater System 2" & <- Pipe | Service Water System 2 1/2" & > - Pine | 900 | 4.50 | | 207.90 | 3.87 | 0.00 | 0 | 120.00 | 540 |
| Inscription | Service Water Pumos | 4 | 2 27 | | 277 20 | 620 | 0.00 | 0 | 120.00 | 040 070 |
| Vastewater System 2" & <- Pipe 1,230 1.85 277.20 5111 0.00 0 120 00 221 | HRSG Blowdown Tank Sump | 150 | 150.00 | | 81.60 | 17 240 | 83.00 | 12 450 | 0.00 | 212 |
| | Wastewater System 2" & < - Pipe | 1.230 | 1.85 | | 277.20 | 511 | 0.00 | 12,-50 | 120.00 | 221 |

| | | | | Removal | | Disposal | | | |
|--|------------|---------------|---------|----------|-----------|----------|-----------|---------|-----------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Tota |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Power Block Drainage Pipe Foundations | 2,148 | 31.82 | | 32.64 | 1,039 | 83.00 | 2,641 | 0.00 | |
| Wastewater System 2 1/2" & > - Pipe | 15.600 | 234.00 | | 207.90 | 48,649 | 0.00 | 0 | 120.00 | 28 080 |
| Sump Pumps | 42 | 10,50 | | 207.90 | 2,183 | 0.00 | 0 | 120.00 | 1 260 |
| Sump Pumps & Miscellaneous | 12 | 3.00 | | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Potable Water System | 1 000 | 14.81 | | 37.64 | 484 | 83.00 | 1 230 | 0.00 | 000 |
| Pine Rack Drilled Piers - Concrete | 600 | 600.00 | | 81.60 | 48 960 | 83.00 | 49 800 | 0.00 | |
| | | 000.00 | | 01.00 | 116 850 | 00.00 | 66 121 | 9.00 | |
| | | | | | 110,000 | | 00,121 | | 01,200 |
| Account 341 Totals: | | | | | 1,422,081 | | 566,805 | | 373,815 |
| Acount 342: Fuel Holders | | | | | | | | | |
| Light Oil Tank - LO 1/A Tank 48,000 BBLs | 1 | 220.00 | TN | n/a | 34,090 | r/a | 0 | 120.00 | 26,400 |
| Light Oil Tank - LO 1/B Tank 48,000 BBLs | | 220.00 | TN | n/a | 34,090 | | | | |
| Light Oil Tank - Cleaning | 1 | n/a | n/a | n/a | 0 | n/a | 90,220 | n/a | 0 |
| Light Oil Tank - Soil Remediation | 1 | n/a | n/a | n/a | 0 | n/a | 19,278 | n/a | 0 |
| Demolition of Foundation | 1 | n/a | n/a | n/a | 0 | rı/a | 980,122 | n/a | 0 |
| | | | | l | 68,180 | | 1,089,620 | | 26,400 |
| Account 342 Totais | | | | | 68,180 | | 1,089,620 | | 26,400 |
| Acount 343: Prime Movers | | | | | | | | | |
| HRSG Foundation | 404 | 404.00 | CY | 81.60 | 32,966 | 83.00 | 33,532 | 0.00 | 0 |
| HRSG Mechanical - Unit 8 | 4 | 635.20 | TN | 157.50 | 100,044 | 0,00 | 0 | 120.00 | 76,224 |
| Mechanical Finishes - Casings | 1 | 66.45 | TN | 207.90 | 13,815 | 0.00 | 0 | 120.00 | 7,974 |
| Modules - Unit 8 | 4 | 9,402.60 | TN | 157.50 | 1,480,910 | 0,00 | 0, | 120.00 | 1,128,312 |
| HRSG Blowdown System 2 1/2" & > - Pipe | 800 | 28,00 | TN | 207.90 | 5,821 | 0.00 | 0 | 120.00 | 3,360 |
| Electrical &Controls - Unit 8 | 2 | 55.00 | TN | 277.20 | 15,246 | 0.00 | 0 | 120.00 | 6,600 |
| | | | | 1 | 1,648,802 | | 33,532 | | 1,222,470 |
| Feedwater System | | | | | | | | | |
| Feedwater System 2" & <- Pipe | 3,000 | 4.50 | TN | 277.20 | 1,247 | 0.00 | 0 | 120.00 | 540 |
| Feedwater System 2 1/2" & > - Pipe | 2,500 | 87.50 | TN | 207.90 | 18,191 | 0.00 | 0 | 120.00 | 10,500 |
| HRSG HP Feedwater Pumps | 3 | 55.80 | TN | 207.90 | 11,601 | 0.00 | 0 | 120.00 | 6,696 |
| HRSG LP Feedwater Pumps | 3 | 55.80 | TN | 207.90 | 11,601 | 0,00 | 0 | 120.00 | 6,696 |
| HRSG Feed Pump Foudations Concrete | 300 | 300.00 | CY | 81.60 | 24,480 | 83,00 | 24,900 | 0.00 | , D |
| H P Feed Pumps - Insulation | 1.200 | 44.44 | ·CY | 63.00 | 2,800 | 19,00 | 844 | 0.00 | ō |
| L P Feed Pumps - Insulation | 900 | 33,33 | CY | 63.00 | 2.100 | 19.00 | 633 | 0.00 | 0 |
| L/B Feedwater Piping - Insulation | 2,600 | 101.11 | CY | 63.00 | 6,370 | 19,00 | 1,921 | 0.00 | ٥ |
| | | | | | 78,390 | | 28,299 | | 24,432 |
| Biowdown System | | | | | | | | | • |
| HRSG Blowdown System 2" & Under - Pipe | 900 | 1.35 | TN | 277.20 | 374 | 0.00 | 0 | 120.00 | 162 |
| HRSG Blowdown Tanks | 4 | 9.48 | TN | 207.90 | 1,971 | 0,00 | 0 | 120.00 | 1,138 |
| Main Steam DrainTanks | 4 | 5.75 | TN | 207.90 | 1,195 | 0.00 | 0 | 120.00 | 690 |
| HRSG Blowdown Tanks - Insulation | 600 | 6.67 | CY | 63.00 | 420 | 19.00 | 127 | 0.00 | o |
| Steam Drain Tanks - Insulation | 1,200 | 13.33 | CY | 63.00 | 840 | 19.00 | 253 | 0.00 | o |
| Mechanical Finishes - Insulation | 2 | 100.00 | CY | 63.00 | 6,300 | 19.00 | 1,900 | 0.00 | 0 |
| | | | • | | 11,101 | | 2,280 | | 1,990 |
| Steam Turbine Insulation | 1 100 | 4 0 74 | CY | 63.00 | 2 567 | 10.00 | 774 | 0.00 | |
| | 1,100 | 40.74 | | 00.00 | 2,00/ | 10.00 | 1/4 | 0.00 | 0 |

| | | | | Removal | | Disposal | | | |
|--|------------|----------|---------|----------|---------|----------|----------|----------|---------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Main Steam System 2" & < - Pipe | 5,100 | 15,30 | TN | 277.20 | 4,241 | 0.00 | 0 | 120.00 | 1,836 |
| Steam Turbine Base Plates | 2 | 50.00 | TN | 157.50 | 7,875 | 0.00 | 0 | 120.00 | 6,000 |
| Steam Turbine & Accessories | 2 | 350.00 | TN | 207.90 | 72,765 | 0.00 | 0 | 120.00 | 42,000 |
| Hydraulic Power Unit | 2 | 3,00 | TN | 207.90 | 624 | 0.00 | 0 | 120.00 | 360 |
| Instrument Tubing | 25,000 | 6.25 | TN | 277.20 | 1,733 | 0.00 | 0 | 120.00 | 750 |
| | | | | | 89,804 | | | | 50,946 |
| 1 | | | | 1 | | | | | |
| Condensate System | | | | | | | | | |
| Condensate System 2" & < Pipe | 2,500 | 3.75 | TN | 277.20 | 1,040 | 0.00 | 0 | 120.00 | 450 |
| Condensate System 2 1/2" & > Pipe | 3,000 | 165,00 | TN | 277.20 | 45,738 | 0.00 | D | 120.00 | 19,800 |
| L/B Cond. & B.D. Piping - Insulation | 4,000 | 66.67 | CY | 63.00 | 4,200 | 19.00 | 1,267 | 0.00 | 0 |
| Condenser Vacuum Pump Skid & Equipment | 2 | 2.50 | TN | 207.90 | 520 | 0.00 | 0 | 120.00 | 300 |
| Condensate Storage Tank Foundation | 140 | 140.00 | CY | 81.60 | 11,424 | 83.00 | 11,620 | 0.00 | 0 |
| Condensate Make-up Pumps | 2 | 1.50 | TN | 207,90 | 312 | 0.00 | 0 | 120.00 | 180 |
| HRSG Chemical FD System 2" & < - Pipe | 1,300 | 1,95 | TN | 277.20 | 541 | 0.00 | 0 | 120.00 | 234 |
| HRSG Chemical Feed Skids | 2 | 15.00 | TN | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| Lube Oil Storage Tanks | 2 | 6.52 | TN | 277.20 | 1,807 | 0.00 | 0 | 120.00 | 782 |
| Miscellaneous Process Tanks | 4 | 10,60 | TN | 277.20 | 2,938 | 0.00 | 0 | 120.00 | 1.272 |
| Condensate Transfer System 2" & < - Pipe | 2,500 | 3,75 | TN | 277.20 | 1.040 | 0.00 | 0 | 120.00 | 450 |
| Condensate Transfer System 2 1/2" & > - Pipe | 6,500 | 97,50 | TN | 207.90 | 20.270 | 0.00 | 0 | 120.00 | 11,700 |
| Condensate Pumps | 4 | 62.80 | TN | 207.90 | 13.056 | 0.00 | 0 | 120.00 | 7.536 |
| Condensate Transfer Pumps | 4 | 4.78 | TN | 207.90 | 994 | 0.00 | 0 | 120.00 | 574 |
| Condensate Storage Tanks | 2 | 2.39 | TN | 277.20 | 663 | 0.00 | Ō | 120.00 | 287 |
| Bulk Gas System 2" & < - Pipe | 7.000 | 10.50 | TN | 277.20 | 2.911 | 0.00 | ō | 120.00 | 1.260 |
| Condensers | 2 | 332.50 | TN | 207.90 | 69.127 | 0.00 | 0 | 2,000,00 | 665,000 |
| Gland Steam Condensers | 2 | 5.00 | TN | 207.90 | 1.040 | 0.00 | 0 | 120.00 | 600 |
| Condensate Air Rem System 2" & < - Pipe | 1.500 | 2.25 | TN | 207.90 | 468 | 0.00 | ō | 120.00 | 270 |
| Condensate Air Rem System 2" & > - Pipe | 400 | 0.60 | TN | 277.20 | 166 | 0.00 | 0 | 120.00 | 72 |
| | | •••• | | [| 182,410 | | 12,887 | | 712,567 |
| Combustion Turbine | | | | | | | | | |
| Combustion Turbine Fdn Mat Concrete | 0 | 885.06 | CY | 81.60 | 72,221 | 83.00 | 73,460 | 0.00 | 0 |
| Condensate Pump Caings | 4 | 4.00 | TN | 207.90 | 832 | 0,00 | 0 | 120.00 | 480 |
| Misc. Mechanical Equipment Fdn Concrete | 1 | 150.00 | CY | 81.60 | 12,240 | 83.00 | 12,450 | 0.00 | 0 |
| CT Equipment Fdn Concrete Pads | 0 | 148,50 | CY | 81.60 | 12,118 | 83.00 | 12,326 | 0.00 | 0 |
| C.T. 8 Combustion Turbine | 4 | 754.00 | TN | 157.50 | 118,755 | 0.00 | 0 | 120.00 | 90,480 |
| CT 8 Insulation | 1 | 180,00 | ·CY | 63.00 | 11.340 | 19.00 | 3,420 | 0.00 | |
| C.T. Interconnect Pipe 1 1/2" & > | 1 | 210.00 | TN | 277.20 | 58,212 | 0,00 | 0 | 120.00 | 25,200 |
| C.T. Interconnect Pipe 1 1/2" & < | 1 | 9,50 | TN | 277.20 | 2.633 | 0.00 | 0 | 120.00 | 1.140 |
| | | | | | 288,350 | | 101,655 | | 117,300 |
| Main Steam System | | | | | | | | | |
| Main Steam System 2 1/2" & > - PIPE | 7,500 | 1,687,50 | TN | 207.90 | 350,831 | 0,00 | 0 | 120.00 | 202.500 |
| L/B Main Steam Piping - Insulation | 5,600 | 217.78 | CY | 63.00 | 13,720 | 19.00 | 4.138 | 0.00 | Q |
| Aux Boiler System 2" & < - Pipe | 1,000 | 1.50 | TN | 277.20 | 416 | 0.00 | 0 | 120.00 | 180 |
| Aux Boiler System 2 1/2" & > - Pipe | 400 | 6.00 | TN | 277.20 | 1.663 | 0.00 | 0 | 120.00 | 720 |
| L/B Auxiliary Boiler Piping - Insulation | 900 | 15.00 | CY | 63,00 | 945 | 19.00 | 285 | 0.00 | 0 |
| L/B B.O.P. Piping - Insulation | 450 | 7.50 | CY | 63.00 | 473 | 19.00 | 143 | 0.00 | 0 |
| | | | | | 368.048 | | 4,585 | | 203 400 |
| | | | | } | | | -, | | |

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| | | | | Removal | | Disposal | | | |
|--|------------|----------|---------|----------|-----------|----------|----------|----------|-----------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Circulating water System | | | | | | | | | |
| Circulating water System 2" & < - Pipe | 749 | 1.12 | TN | 207.90 | 233 | 0.00 | 0 | 120.00 | 135 |
| Circulating water System 2 1/2" & > - Pipe | 159 | 2.39 | TN | 277.20 | 661 | 0.00 | 0 | 120.00 | 286 |
| DB Circulating water Piping - Insulation | 8 | 0.31 | CY | 207.90 | 65 | 19.00 | 6 | 0.00 | 0 |
| Circulating water Pumps | 2 | 47.98 | TN | 63.00 | 3,022 | 0.00 | 0 | 120.00 | 5,757 |
| C W Chem I r System 2" & < - Pipe | 500 | 0.75 | TN | 207.90 | 156 | 0.00 | 0 | 120.00 | 90 |
| 24 Diameter ICW Pipe | 100 | 44.44 | CY | 312.80 | 13,902 | 83.00 | 3,689 | 0.00 | 0 |
| 64 Diameter K.W Pipe | 400 | 622.22 | CY | 312.80 | 194,631 | 83.00 | 51,644 | 0.00 | Ó |
| Concrete - Conerciam Area | 350 | 350.00 | CY | 32.64 | 11,424 | 83.00 | 29,050 | 0.00 | 0 |
| oo Diameter inground Cvv Pipe | 20 | 24.44 | CY | 312.80 | 7,646 | 83.00 | 2,029 | 0.00 | 0 |
| | | | | | 231,741 | | 86,418 | | 6,268 |
| HRSG Stack | | | | l | | | | | - |
| HRSG Stack Foundation Concrete | 650 | 650.00 | CY | 81.60 | 53,040 | 83.00 | 53,950 | 0.00 | 0 |
| Stacks - Unit 8 | 4 | 527.00 | TN | 207.90 | 109,563 | 0.00 | 0 | 120.00 | 63,240 |
| Gland Steam Condenser - Insulation | 200 | 66.67 | CY | 63.00 | 4,200 | 19.00 | 1,267 | 0.00 | 0 |
| } | | | | | 166,803 | | 55,217 | | 63,240 |
| Lube Oli System | | | | | | | | | |
| Lube Oil System 2" & < - Pipe | 2,000 | 3.00 | TN | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Lube Oil System 2 1/2" & > - Pipe | 350 | 5.25 | TN | 207.90 | 1,091 | 0.00 | 0 | 120.00 | 630 |
| Lube Oil Transfer/Return Pumps | 2 | 1.50 | TN | 207.90 | 312 | 0.00 | 0 | 120.00 | 180 |
| S.T. Lube Oil Reservoir | 2 | 10.00 | TN | 207.90 | 2,079 | 0.00 | 0 | 120.00 | 1,200 |
| Turbo L.O. Conditioner | 2 | 2.00 | TN | 207.90 | 416 | 0.00 | 0 | 120.00 | 240 |
|] | | | | | 4,730 | | 0 | | 2,610 |
| Closed Cooling Water System | | | | | | | | l | |
| Closed Cooling Water Heat Exchanger | 2 | 29.34 | TN | 277.20 | 8,132 | 0.00 | 0 | 120.00 | 3.521 |
| CCW System 2 * & < - Pipe | 3,678 | 5.52 | TN | 277.20 | 1,529 | 0.00 | 0 | 120.00 | 662 |
| CCW System 2 1/2" & > - Pipe | 4,868 | 73.02 | TN | 207.90 | 15,181 | 0.00 | 0 | 120.00 | 8,762 |
| Closed Cooling Water Pumps | 3 | 4.88 | TN | 207.90 | 1,014 | 0.00 | 0 | 120.00 | 585 |
| | | | | | 25,856 | | 0 | | 13,530 |
| Account 343 Totals: | | | | | 3,096,036 | | 325,627 | | 2,418,752 |
| Account 344- Convertors | | | | | | | ļ | | ļ |
| Steam Turbine Foundation Mat Concrete | 400 | 400.00 | CY. | 64.60 | 00.040 | 00.00 | | | |
| Steam Turbine Concrete Dedestal | 400 | 400.00 | | 81.60 | 32,640 | 83.00 | 33,200 | 0.00 | ٥ |
| C T 8 Generator | 310 | 639.00 | 201 | 01.00 | 25,296 | 83.00 | 25,730 | 0.00 | 0 |
| C.T. Generator Evit Skids | | 6 00 | | 107.00 | 90,910 | 0.00 | 0 | 120.00 | 75,360 |
| Generator Conner | 1 E | 3.00 | | 207.90 | 1,040 | 0.00 | 0 | 120.00 | 600 |
| Generator | 5 | 1 000 00 | TN | 157.50 | 50,000 | 0.00 | 0 | 5,000.00 | 450,000 |
| | L | (,000.00 | 111 | 107.00 | 370,952 | 0,00 | 58,930 | 120.00 | 645 960 |
| Cooling Tower | | | | | | | , | | 5,10,000 |
| Cooling Tower | | 1 260 02 | TN | 447.30 | 000 000 | | | | |
| Reinf Conc | | 1,300.00 | | 447.30 | 608,328 | 0.00 | 0 | 120.00 | 163,200 |
| | U | 102.00 | .01 | 81,60 | 14,900 | 83.00 | 15,155 | 0.00 | 0 |
| | | | | | 623,228 | | 15,155 | | 163,200 |
| | | | | | | | | | |

| | | | | Removal | | Disposal | | | |
|---|------------|----------|---------|----------|---------|----------|----------|----------|----------------|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Totai |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Account 344 Totals: | | | | | 994,179 | | 74,085 | | 809,160 |
| | | | | | | | | | |
| Account 345: Accessory Electric Environment | | | | | | | | | |
| Electrical Round Cable | | 40.00 | Th | 077.00 | 0.770 | 0.00 | | 0 400 00 | 21.000 |
| | 2 | 10,00 | TN | 277.20 | 2,112 | 0.00 | 0 | 2,100,00 | 21,000 |
| | 2 | 5.00 | | 277.20 | 1,300 | 0.00 | 0 | 2,100.00 | 0,000 |
| CT Stanua Transformer | 2 | 77,00 | | 277.20 | 21,044 | 0.00 | 0 | 120.00 | 9,240 |
| Control Contor of base | 2 | 93.12 | | 277.20 | 25,813 | 0.00 | 0 | 120.00 | 11,174 |
| tionalizaceus Mainiala + 50/ | 2 | 34.00 | 1 N | 277.20 | 14,909 | 0.00 | | 120.00 | 0,400 |
| IMISCEIRINEOUS MALEIRAIS + 5% | 1 | 11.90 | IN | 277.20 | 3,314 | 0,00 | | 120.00 | 1,400 |
| | | | | | 09,598 | | Ű | | 39,6 29 |
| Excitation Equipment | | | | | | | | | |
| Generator Excitation Power Transformers | 3 | 37,50 | TN | 207.90 | 10,395 | 0.00 | 0 | 120.00 | 4,500 |
| Transformer Copper | Ŧ | 25.00 | TN | 466 20 | 11 655 | 0.00 | | 5 000 00 | 125.000 |
| Instrumentation | 861 | 8.61 | TN | 277 20 | 703 | 0.00 | c | 120.00 | 1.033 |
| | ••• | 0.01 | | 271.20 | 22,753 | | | 120.00 | 130,533 |
| | | | | | | | | | |
| Electrical Equipment | | | | | | | | | |
| Electrical Equipment Pads Concrete | 50 | 50.00 | CY | 81.60 | 4,080 | 83.00 | 4,150 | 0.00 | 0 |
| Uninterruptible Power Supply | 1 | 0.50 | TN | 277.20 | 139 | 0.00 | 0 | 120.00 | 60 |
| Station Battery Charger & Panels | 2 | 6,00 | TN | 277.20 | 1,663 | 0.00 | 0 | 120.00 | 720 |
| Grounding & Cathodic Protection | 5 | 137.50 | TN | 277.20 | 38,115 | 0.00 | 0 | 120.00 | 16,500 |
| Grounding Grid (Incl. Pads Rods) | 22,135 | 5.53 | TN | 277.20 | 1,534 | 0.00 | 0 | 120.00 | 664 |
| Lightning Protection | 1 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Embedded Conduits Foundations | 75,000 | 444.44 | CY | 81.60 | 36,267 | 83.00 | 36,889 | 0.00 | 0 |
| Power & Control Conduits | 87728 | 109.66 | TN | 277.20 | 30,398 | 0.00 | ō | 120.00 | 13,159 |
| Cable Tray | 18259.5 | 228.24 | TN | 277.20 | 63,269 | 0.00 | 0 | 120.00 | 27,389 |
| Concrete Duct Banks | 3,000 | 3,000.00 | CY | 81.60 | 244,800 | 83.00 | 249,000 | 0.00 | 0 |
| Electrical Manholes | 23 | 62.50 | CY | 32.64 | 2,040 | 83.00 | 5,188 | 0.00 | 0 |
| Isophase Bus | 2,250 | 45.00 | TN | 277.20 | 12,474 | 0.00 | 0 | 120.00 | 5,400 |
| Main Control Boards | 2 | 20.00 | TN | 277.20 | 5,544 | 0.00 | 0 | 120.00 | 2,400 |
| Miscellaneous Relay Panels | 18 | 5.33 | TN | 277.20 | 1,478 | 0.00 | 0 | 120.00 | 640 |
| Instrument Racks | 162 | 16.20 | TN | 277.20 | 4,491 | 0.00 | 0 | 120.00 | 1,944 |
| Annunciators | 1 | 5.00 | TN | 277.20 | 1,386 | 0.00 | 0 | 120.00 | 600 |
| Miscellaneous Power Transformers | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| 208/120V AC Distribution Panels | 3 | 0.89 | TN | 277.20 | 246 | 0.00 | 0 | 120.00 | 107 |
| 480 V Load Centers | 3 | 7.50 | TN | 277.20 | 2,079 | 0.00 | o | 120.00 | 900 |
| 480 V Motor Control Centers | 17 | 42.50 | TN | 277.20 | 11,781 | 0.00 | 0 | 120.00 | 5,100 |
| 480V AC Distribution Panels | 3 | 3.30 | TN | 277.20 | 915 | 0.00 | 0 | 120.00 | 396 |
| Power Cable - 8KV | 86514 | 90.97 | TN | 756.00 | 68,773 | 0.00 | D | 2,100.00 | 191,036 |
| Power Cable - Medium Voltage | 304186.5 | 45.63 | TN | 756.00 | 34,495 | 0.00 | 0 | 2,100.00 | 95,819 |
| Electrical Switchgear Foundation Concrete | 882 | 882.00 | CY | 81.60 | 71,971 | 83.00 | 73.206 | 0.00 | 0 |
| Non-Seg Bus | 889 | 17.78 | TN | 277.20 | 4,929 | 0.00 | 0 | 120.00 | 2.134 |
| 4.16 KV Switchgear | 3 | 7.50 | TN | 277.20 | 2.079 | 0.00 | 0 | 120.00 | 900 |
| Control Cable | 689268 | 24.12 | TN | 756.00 | 18,238 | 0.00 | 0 | 2,100.00 | 50.661 |
| Instrumentation Cable | 393973.93 | 9.85 | TN | 756.00 | 7.446 | 0.00 | 0 | 2,100.00 | 20.684 |
| Distributed Control System | 2 | 5.00 | - TN | 277.20 | 1.386 | 0.00 | o | 120.00 | 600 |
| | _ | | | | 680,331 | | 368.432 | | 441.412 |
| | | | | | | | | | |

| Martin Othe | r Production | Units | Dismantlement 3 | Study |
|-------------|--------------|-------|-----------------|-------|
|-------------|--------------|-------|-----------------|-------|

| | | | | Removal | | Disposal | | | |
|---|------------|----------|---------|----------|------------|----------|-----------|---------|--|
| | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposai & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Emergency Diesel Generators | | | | | | | | | ·· · · · · · · · · · · · · · · · · · · |
| Diesel Generator Foundations | 81 | 81.00 | CY | 81.60 | 6,610 | 83,00 | 6,723 | 0.00 | 0 |
| Emergency Diesel Generator | 1 | 5.02 | TN | 207.90 | 1,044 | 0.00 | 0 | 120.00 | 602 |
| EDG System 2" & <- Pipe | 30 | 0.05 | TN | 277.20 | 12 | 0.00 | 0 | 120.00 | 5 |
| | | | | | 7,666 | | 6,723 | | 608 |
| Account 345 Totals | | | | | 780,348 | | 375,155 | | 632,382 |
| Account 346: Miscellaneous Plant Equipment | | | | | | | | | |
| Compressed Air Piping | 10.028 | 15.04 | TN | 277.20 | 4,170 | 0.00 | 0 | 120.00 | 1,805 |
| Instrument Air System 2" & < Pine | 136 | 0.20 | TN | 277.20 | . 56 | 0.00 | 0 | 120.00 | 24 |
| Service Air System 2 " & < Pine | 2 660 | 3 99 | TN | 277 20 | 1.106 | 0.00 | o | 120.00 | 479 |
| Instrument Air System 2 1/2" & > Pine | 438 | 2 19 | TN | 277 20 | 607 | 0.00 | ō | 120.00 | 263 |
| Service Air System 2 1/2" & > Dine | 548 | 2.15 | TN | 277 20 | 759 | 0.00 | 0 | 120.00 | 329 |
| Instrument Air Compressore Rec & Doors | 210 | 13 50 | TN | 277 20 | 3 767 | 0.00 | ő | 120.00 | 1 831 |
| Diant Communications & Disease | 2 | 3.00 | | 277.20 | 920 | 0.00 | 0 | 120.00 | 360 |
| Heat Tracing | 2 | 3.00 | TN | 277.20 | 602 | 0.00 | 0 | 120.00 | 225 |
| First Destantion (Detection Continuent) | 2 | 1,00 | TN | 277.20 | 1 040 | 0.00 | 0 | 120.00 | 450 |
| File Protection/Detection Equipment | 2 | 3.73 | | 277.20 | 1,040 | 0.00 | 0 | 120.00 | |
| Account 346 Totals | Z | 20.00 | EPH | 277.20 | | 0.00 | 0 | 120.00 | 7,966 |
| Unit 8 Totals | | | | | 6,379,225 | | 2,431,293 | | 4,268,476 |
| Grand Totals for Martin Combined Cycle | | | | | 15,015,478 | | 5,750,583 | | 10,665,840 |
| Martin Solar Units Account 341 Structures and Improvements | | | | | | | | | |
| Yard Improvements | | | | | | | | | |
| Yard Lighting | 2 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Fencing | 2 | 2.50 | TN | 277.20 | 693 | 0.00 | 0 | 120.00 | 300 |
| Barrier Wall | 2 | 2.50 | CY | 81.60 | 204 | 83.00 | 208 | 0.00 | · 0 |
| Bridges | 1 | 1.00 | TN | 207,90 | 208 | 0.00 | . 0 | 120.00 | 120 |
| Bridges Foundations | 1 | 1.341.00 | CY | 81.60 | 109.426 | 83.00 | 111.303 | 0.00 | 0 |
| Roads | 1 | 51.00 | CY | 81.60 | 4.162 | 83.00 | 4,233 | 0.00 | 0 |
| Parking Lof/Surfacing | 1 | 51.00 | ·CY | 81.60 | 4,162 | 83.00 | 4.233 | 0.00 | o |
| | • | 01.00 | | 01.00 | 119,547 | | 119,977 | | 720 |
| Account 343 Prime Movers | | | | | | | | | |
| Solar Thermal System | | | | | | | | | |
| Foundation | 10,028 | 7,459.13 | UY | 81.60 | 608,665 | 83,00 | 619,108 | | |
| Support Structure | 136 | 0.20 | TN | 157.50 | 32 | 0.00 | 0 | 120.00 | 24 |
| Mirrors | 2,660 | 3,99 | TN | 277.20 | 1,106 | 0.00 | 0 | 120.00 | 479 |
| Cantilever Arms | 125 | 2,636.75 | TN | 277.20 | 730,907 | 0.00 | 0 | 120.00 | 316,410 |
| Torque Tube - Structural | 125 | 9,344.19 | TN | 277.20 | 2,590,209 | 0.00 | 0 | 120.00 | 1,121,303 |
| UVAC (HCE's) Support | 125 | 1,556.50 | • TN | 277.20 | 431,462 | 0.00 | 0 | 120.00 | 186,780 |
| Drive Pylons | 125 | 2,247.19 | TN | 277.20 | 622,920 | 0.00 | 0 | 120.00 | 269,663 |
| End Pylon | 125 | 194.50 | TN | 277.20 | 53,915 | 0.00 | . 0 | 120.00 | 23,340 |

.

| | | | | Removal | | Disposal | | | |
|--|------------|----------|---------|----------|-----------|----------|----------|----------|-----------|
| _ | | Total | | Cost per | Total | Cost per | Total | Unit | Total |
| Removal, Disposal & Salvage | | Units of | Unit of | Unit of | Removal | Unit of | Disposal | Salvage | Salvage |
| Cost Worksheet | QUANTITIES | Measure | Measure | Measure | Cost | Measure | Cost | Value | Value |
| Shared Pylona | 125 | 166,38 | TN | 277.20 | 46,119 | 0.00 | 0 | 120.00 | 19,965 |
| Normal Pylons (Middle) | 125 | 1,474.88 | ŤN | 277.20 | 408,835 | 0.00 | · 0 | 120.00 | 176,985 |
| Large Bore Pipe | 1 | 1,947.00 | TN | 277.20 | 539,708 | 0.00 | 0 | 120.00 | 233,640 |
| Small Bore Pipe | 1 | 0.00 | TN | 277.20 | 0 | 0.00 | 0 | 120.00 | 0 |
| Pipe Supports | 1 | 1,476.00 | TN | 277.20 | 409,147 | 0.00 | 0 | 120.00 | 177,120 |
| Pipe Rack Solar to Heat Exchangers | | | | | | | | | |
| Foundation | 1 | 872.80 | CY | 81.60 | 71,220 | 83.00 | 72.442 | 0.00 | 0 |
| Pipe Rack | 1 | 71.00 | TN | 207,90 | 14,761 | 0.00 | 0 | 120.00 | 8.520 |
| Heat collection Element (tube) | 438 | 2.19 | TN | 277.20 | 607 | 0.00 | 0 | 120.00 | 263 |
| Solar Collection Element (steel frame) | 548 | 2.74 | TN | 277,20 | 759 | 0.00 | 0 | 120.00 | 329 |
| Pumps | 2 | 13.59 | TN | 277.20 | 3,767 | 0.00 | 0 | 120.00 | 1.631 |
| Relief Valves | 2 | 3.00 | TN | 277.20 | 632 | 0.00 | 0 | 120.00 | 360 |
| Motor Operated Valves | 2 | 1.88 | TN | 277,20 | 520 | 0.00 | 0 | 120.00 | 225 |
| Heat Exchangers | 2 | 3.75 | TN | 277.20 | 1,040 | 0.00 | 0 | 120.00 | 450 |
| Motors | 2 | 20.00 | TN | 277.20 | 5,544 | 0.00 | 0 | 120.00 | 2,400 |
| Motor Control Center | 10,028 | 50.14 | TN | 277.20 | 13,899 | 0.00 | 0 | 120.00 | 6.017 |
| Control Instrumentation | 136 | 0.68 | TN | 277.20 | 188 | 0.00 | 0 | 120.00 | 81 |
| Cathodic Protection System | 2,660 | 3.99 | TN . | 277.20 | 1,106 | 0.00 | 0 | 120.00 | 479 |
| Piping | 438 | 0.66 | TN | 277.20 | 182 | 0.00 | 0 | 120.00 | 79 |
| Fiber Optics Network | 548 | 0.82 | TN | 447.30 | 367 | 0.00 | 0 | 120.00 | 99 |
| Expansion Tanks | 2 | 3,75 | TN | 277.20 | 1,040 | 0.00 | 0 | 120.00 | 450 |
| Lightning Protection System | 2 | 4.50 | TN | 277.20 | 1,247 | 0,00 | 0 | 120.00 | 540 |
| Switch Gear | 2 | 15.00 | TN | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| Tracking System | 2 | 15.00 | TN | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1.800 |
| Enclosure (pre-cast building) | 2 | 20.00 | CY | 81.60 | 1,632 | 83.00 | 1.660 | 0.00 | 0 |
| | | | | | 6,570,054 | | 693,210 | | 2,551,230 |
| Account 345 Accessory Electric Equipment | | | | | | | | | |
| Solar Thermal System | | | | | | | | | |
| AC Wiring | 2 | 5.00 | TN | 277.20 | 1,386 | 0.00 | 0 | 2,100.00 | 10,500 |
| DC Wiring | 2 | 3.00 | TN | 277.20 | 832 | 0.00 | D | 2,100.00 | 6.300 |
| Electrical Raceway | 12173 | 152.16 | TN | 277.20 | 42,179 | 0.00 | 0 | 120.00 | 18,260 |
| Grounding Grid | 22,135 | 5.53 | TN | 277.20 | 1,534 | 0.00 | 0 | 120,00 | 664 |
| Transformers | 1 | 27.50 | TN | 277.20 | 7,623 | 0.00 | 0 | 120.00 | 3,300 |
| | | | | | 53.554 | | · | | 30.024 |
| | | | | | | | | | 38,024 |
| Solar Totais | | | | | 8 749 455 | | | | |
| | | | | | 0,143,105 | | 813,187 | | 2,590,974 |

Port Everglades Plant

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Port Everglades Plant

The Port Everglades Plant is located on a 93-acre site in Broward County at the Port Everglades seaport, which is near the cities of Hollywood and Ft. Lauderdale, Florida. The plant site includes four generating units, twelve gas turbine modules and ten fuel oil storage tanks. Units No. 1 and 2 are identical, consisting of two complete Westinghouse Electric Corporation condensing turbines driving hydrogen cooled generators. The turbine generators are supplied with steam by two complete Combustion Engineering Incorporated, steam generating units which are the integral furnace, single steam drum, waterwall, radiant, reheat type. The two units have a combined maximum generator nameplate rating of 451 megawatts. Units No. 1 and 2 went into commercial operation during 1960 and 1961, respectively.

Units No. 3 and 4 are also identical and consist of two General Electric Company condensing steam turbines driving liquid and gas cooled generators. Each turbine generator is served by a complete Foster Wheeler Corporation gas fired, natural circulation, reheat type unit, containing an economizer, waterwall heating surface, a combination radiant convection superheater, a convection reheater and an air preheater. The two units have a combined maximum generator nameplate rating of 804 megawatts. Units No. 3 and 4 went into commercial operation during 1964 and 1965 respectively.

The twelve gas turbine modules (GTs) are used as peaking units. Each module consists of two Pratt and Whitney gas generators coupled to a Worthington power turbine, which drives an Electric Machinery Company generator. The combined maximum generator nameplate rating for the gas turbines is 411 megawatts.

For purposes of this dismantlement study, the estimated retirement dates for these units are as follows:

| <u>Unit</u> | <u>Year</u> |
|-------------|-------------|
| Common | 2020 |
| Unit 1 | 2020 |
| Unit 2 | 2020 |
| Unit 3 | 2020 |
| Unit 4 | 2020 |
| GTs | 2020 |

The dismantlement of the plants is assumed to require 2 years beginning five years after these dates.

Florida Power & Light Company last requested and received approval for dismantlement accruals for the Port Everglades plant in Docket No. 070378-EI, Order No. PSC-08-0095-PAA-EI, issued on February 14, 2008. The current accruals became effective as of January 1, 2007.

:

PORT EVERGLADES SUMMARY OF DISMANTLEMENT COSTS

| | | Removal | Disposal | Salvage | |
|---------|---------------------------------------|----------------------|------------|------------|-----------------|
| FERC | | Cost | Cost | Value | Total |
| Account | Description | (A) | <u>(B)</u> | (C) | (D)=(A + B - C) |
| | Port Everglades Common | 4 | | 000 744 | A 408 004 |
| 311 | Structures and Improvements | 1,6/5,324 | 5,159,841 | 336,/44 | 0,480,221 |
| 312 | Boiler Plant Equipment | 4,990 | 0 | 2,160 | 2,030 |
| 314 | Turbogenerator Units | 45,/88 | 16,008 | 13,060 | 40,12/ |
| 315 | Accessory Electrical Equipment | 100,717 | 24,840 | 288,030 | (100,279) |
| 316 | Miscellaneous Equipment | 11,823 | U | 4,020 | 7,903 |
| | Sublotal | 1,800,752 | 5,200,469 | 636,440 | 0,400,001 |
| | Other Site Costs: | | | | |
| | Site Management Expenses | 1,129,968 | | | 1,129,968 |
| | Stack disposal & Special Waste | 963,470 | | | 963,470 |
| | Intake & Discharge Backfill | 228,716 | | | 228,716 |
| | Grading & Seeding | 3,356,971 | | | 3,356,971 |
| | Subtotal | 5,679,125 | 0 | 0 | 5,679,125 |
| | Total | 7.585.877 | 5.200.489 | 656,440 | 12,129,926 |
| | Contingency - 16% | 1.213.740 | 832.078 | | 2,045,819 |
| | Total Port Evergiades Common | 8,799,618 | 6,032,567 | 656,440 | 14,175,745 |
| | · · · · · · · · · · · · · · · · · · · | | | | |
| | Unusable M&S Inventory | 2,743,014 | | 274,301 | 2,468,713 |
| | | 11,542,632 | 6,032,567 | 930,741 | 16,644,458 |
| | | | | | |
| | Port Everglades Units 1 & 2 | 4 000 007 | 100 100 | 05 070 | 0.077.407 |
| 311 | Structures and Improvements | 1,006,067 | 496,432 | 20,372 | 2,077,127 |
| 312 | Bolier Plant Equipment | 21,440,405 | 2,549,830 | 1,400,473 | 22,031,021 |
| 314 | lurbogenerator Units | (24,003 | 191,728 | 1,223,341 | (307,130) |
| 315 | Accessory Electrical Equipment | 018,333 | 03,204 | 1,202,192 | (578,655). |
| 310 | Miscellaneous Equipment | 24 200 577 | 2 201 404 | 2 060 878 | 29 722 149 |
| | | 2000,021 ARA COOR | 5391,184 | 3,808,016 | 4 430 875 |
| | Total Bast Executedan Lipita 5.8.2 | 28 293 011 | 3,820,181 | 3 060 578 | 28 152 818 |
| | Total Port Evergiades Onice Total | 20,200,011 | 0,020,000 | 0,000,010 | |
| | Port Everolades Units 3 & 4 | | | | |
| 311 | Structures and Improvements | 1,624,471 | 1.685.732 | 115,906 | 3,194,297 |
| 312 | Boller Plant Equipment | 9,234,366 | 1,682,764 | 1,725,730 | 9,191,400 |
| 314 | Turbogenerator Units | 1,843,089 | 307,832 | 2,836,909 | (685,988) |
| 315 | Accessory Electrical Equipment | 346,817 | 70,472 | 664,452 | (247,163) |
| 316 | Miscellaneous Equipment | 0 | 0 | 0 | 0 |
| | Subtotal | 13,048,743 | 3,746,800 | 5,342,997 | 11,452,546 |
| | Contingency - 16% | 2,087,799 | 599,468 | | 2,887,287 |
| | Total Port Everglades Units 3 & 4 | 15,136,541 | 4,346,288 | 5,342,897 | 14,139,832 |
| | | | | | |
| 244 | Port Evergiades Gas Lurbines | 8 160 | 0 000 | ~ | 17 360 |
| 341 | Structures and Improvements | 6,100 | 494.990 | 40 800 | 158 710 |
| 342 | Prime Meyers | 105 843 | 000,101 | 413 040 | 82 802 |
| AAR | Caperators | 216 000 | 0 | 180.458 | 35 643 |
| 345 | Accessory Electric Equipment | 141.513 | 0 | 328 040 | (186.527) |
| 040 | Subtotal | 629,794 | 140.530 | 662.336 | 107,988 |
| | Contingency - 16% | 100,767 | 22,485 | , | 123,252 |
| | Total Port Everglades Gas Turbines | 730,561 | 163,015 | 662,336 | 231,240 |
| | - | | | | |
| | | | | | |
| | Total Dismantlement Costs | 55,702,745 | 14,371,256 | 10,905,653 | 59,168,348 |
| | | | | | |
-

PORT EVERGLADES

DISMANTLEMENT COST FOR INFLATION PROJECTION

| | | Material & | | | |
|-----------------------------|------------|------------|------------|----------------|-----------------------|
| | Labor | Equipment | Burtal | Salvage | Total |
| Description | (A) | (B) | (C) | (D) | (A) + (B) + (C) - (D) |
| Port Everglades Common | 5,279,771 | 6,262,881 | 8,032,567 | 930,741 | 16,644,458 |
| Port Everglades Units 1 & 2 | 16,975,807 | 11,317,205 | 3,829,385 | 3,969,578 | 28,152,818 |
| Port Everglades Units 3 & 4 | 9,081,925 | 6,054,617 | 4,346,288 | 5,342,997 | 14,139,832 |
| Port Evergiade Gas Turbines | 438,336 | 292,224 | 163,015 | 552,336 | 231,240 |
| Total | 31,775,839 | 23,926,907 | 14,371,256 | 10,905,653 | 59,168,348 |

Labor Is 60% of Removal Cost from Summary of Dismantlement Costs. Material & Equipment is 40% of Removal Cost from Summary of Dismantlement Costs. Burial is 100% of Disposal Cost from Summary of Dismantlement Costs. Salvage is 100% of Salvage from Summary of Dismantlement Costs.

PORT EVERGLADES DISMANTLEMENT ASSUMPTIONS

FPL will provide management personnel for the dismantlement effort.

FPL will prepare the request for proposal package and solicit bids for the dismantlement effort.

FPL will provide site security during the dismantlement.

FPL will hire a demolition contractor to perform the actual dismantling work. This contractor will have the salvage rights to all plant equipment and structural material.

The land will be made available for future use.

All dismantling work will be done in accordance with OSHA regulations.

The fuel oil storage tanks will be cleaned and their contents disposed of according to the requirements of current regulations.

The following items will be removed:

- a. All structures, equipment, and concrete pads, pedestals, foundations, etc;
- b. All underground gas, oil, sewer and water piping and electrical conduits;
- c. All hazardous and contaminated materials, e.g., acid filled lead batteries, oil tank residue.

Discussions with FPL's Power Generation Division (PGD) indicate that the return of the site to a green field condition entails removal of all structures above the wood pilings and steel-encased concrete pilings. The removal of the pilings would be unfeasible and, therefore, will remain in place.

Scrap will be unprepared, i.e., cut only to the extent required to load the pieces on scrap dealers' trailers. Trucking costs for removal are paid by the scrap dealer and are reflected in the salvage value paid.

The estimate does not reflect land value or its resale.

The productivity factors employed are assumed valid for purposes of this study.

A contingency of 16% has been applied to the total removal and disposal costs. This contingency percentage covers costs associated with delays occurring after dismantlement begins due to such causes as equipment failure and weather delays.

The costs of such overhead items as project management, site security, etc., have been estimated by FPL's Construction and Corporate Services Department. These costs are listed on the cost summary pages for each site's dismantlement study.

All materials and equipment are assumed to be either fully salvageable or to be disposed of completely. The availability of powerful cutting shears makes possible the cutting of even the heaviest steel to a size that permits salvage as scrap. Any unusable materials and supplies inventory will be sold as scrap. Estimated balances of such inventory (with related salvage value) have been included on the cost summary pages for each site's dismantlement study.

A 30% swell factor is used to compute the disposal cost per cubic yard of concrete. One cubic yard of concrete becomes 1.3 cubic yards of concrete rubble after demolition.

PORT EVERGLADES DISMANTLEMENT ASSUMPTIONS (continued)

The switchyard and ancillary equipment (FERC account 353) will remain in place with the exception of the main power transformers, oil circuit breakers, superstructures, and foundations associated with the tie-in of plant generated power in the switchyard. However the dismantlement cost of substation equipment is not included in this study, so as to avoid duplicating recovery of costs already included in the net salvage factor of the substation plant accounts' depreciation rates

An expandable grout will be used to dismantle the turbine pedestal. The chimneys will be control-blasted.

It is assumed that dismantlement activity at Port Everglades will begin five years after end of service. The economic recovery dates used for this assumption are as follows:

| <u>Unit</u> | Economic Recovery Date |
|-------------|------------------------|
| Common | 2020 |
| Unit 1 | 2020 |
| Unit 2 | 2020 |
| Unit 3 | 2020 |
| Unit 4 | 2020 |

Asbestos abatement activity is currently driven by maintenance considerations and it is not appropriate to assume that significant quantities will be abated by the units' end of service dates. Though some asbestos abatement activity has occurred at Port Everglades, significant amounts of asbestos remain and can be expected to require abatement at final dismantlement. FPL's asbestos abatement contractor, Environmental Services, Inc. has estimated the cost of asbestos removal and disposal at \$1,350 per cubic yard. FPL's Environmental Department recently completed a survey of asbestos quantities at our fossil sites, which estimated the cost to abate the remaining asbestos at Port Everglades at \$25 million.

DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS

- Remove loose equipment, furniture, and spare parts.
- Drain liquids, drum-up, and dispose of drums.
- Remove hazardous materials; i.e., leads (alkaline), acids, solvents, lubricants, oils, chemicals, and gasses.
- Strip all insulation and covering, package and remove to acceptable landfill.
- Collapse circulating water lines and backfill trenches.
- Remove main steam, hot and cold piping, downcomers, valves, and supports, pumps, motors, generator auxiliary equipment, feedwater heaters, soot blowers, and condensers.
- Remove intake and discharge structures, equipment pumps, piping and valves.
- Remove systems that must be completed prior to the start of the boiler removal including lube oil pumps, all piping, instrument and electrical systems.
- Remove forced drafts and induced draft ductwork, air heaters and fans.
- Remove hoppers, burners, upper and lower headers, manways, and waterwalls.
- Remove heavy steel structures and above ground steel precut key members, lower and cut at ground level.
- Disassemble crane, boiler feed pumps, and turbine generator.
- Separate scrap metals, and remove to scrap yard.
- Remove and dispose of miscellaneous rubble.
- Remove turbine pedestal, foundation, and heavy concrete structures and building, stack foundations, equipment foundations, substructures, support buildings and stacks. Remove to landfill.
- Cut off piles and remove pile caps. Remove concrete encased duct banks and underground piping.
- Remove septic tank and backfill.
- Remove underground storage tanks.
- Test and remove contaminated soil/bases all areas.
- Install environmental monitoring equipment, for example, at wells.
- Remove or improve remaining site facilities such as buildings, fences, parking areas in accordance with local code and regulations.
- Install/modify existing site storm water runoff system.

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DISMANTLING ACTIVITIES: OIL & GAS AND OTHER PRODUCTION PLANTS (Continued)

- Remove gas supply metering site, valve stations, underground distribution system.
- Remove solid and liquid wastes from waste treatment processing areas landfilled material, precipitated material in ponds and tanks, contaminated resins and reactants.
- Remove marine facilities such as fuel unloading docks, equipment, bridges, and dams.
- Cut and remove fuel oil tanks, piping, valves, and supports.
- Remove top soil/gravel, backfill, and remove barrier wall foundation.
- Backfill, site grading, seeding and mulching.

DEVELOPMENT OF COST FACTORS

Cost factors have been developed to compute the net salvage value of the demolition of the Port Everglades Plant. The net salvage value of the demolition is the net of: the removal and disposal cost and the salvage value of equipment and steel not disposed of. These factors provide a unit cost or value for removal, disposal and salvage of a given unit of measure of the component materials of which a power plant is constructed. The assumption is that the cost or value per unit of a given component can be multiplied by the quantity of that component the plant to calculate a total cost or value for removal, disposal, or salvage of that component.

REMOVAL COST FACTORS

The removal cost factors developed for this study have two elements: a burdened labor rate and productivity factor. The burdened labor rate multiplied by the productivity factor yields the removal cost factor. The labor rates used in this study are from R.S. Means Construction Data. The crew rate per man-hour is for a crew consisting of six journeymen laborers, one outside foreman and one heavy equipment operator - a typical crew for demolition work. The rate includes the cost per man-hour of a crane, an excavator, and a front end loader. The equipment cost is also from R.S. Means, and both equipment and labor are adjusted by the appropriate R.S. Means City Cost Index. (Means provides national average rates for labor and equipment which are then adjusted by City Cost Indexes to arrive at the appropriate rate for a given region.) The productivity factors employed, e.g., the number of man-hours required to remove a given unit of measure of concrete, were developed by an engineering consulting firm. These factors are assumed valid for purposes of this study.

Labor Rate

Labor rates are for non-union crews and the per crew hour rate is based on a forty hour week.

| Labor | \$33.05 | x . | 6 | = | \$198.33 |
|-----------------------------------|---------|------------|---|-----|----------|
| Foreman | \$41.96 | Х | 1 | = | \$41.96 |
| Heavy Equipment Operator | \$39.99 | X | 1 | 5 | \$39.99 |
| Total Cost per hour of 8 man crew | | | | | \$280.28 |
| Cost per man hour | | \$280.28 | 1 | 8 = | \$35.04 |

Equipment Rate

The equipment rate is based on the following equipment:

| | Crane/Excavator Front End Loader Cutting Equipment Total per month | | | | | | | 31,395.00 6,234.15 231.75 \$37,860.90 |
|--|---|---|-----|-------------------|---|---|---|--|
| | 37,860.90 | 1 | 176 | hours per month = | | | | 215.12 |
| Cost per man hour Plus: amount for small tools Total Cost per man hour | i | | | \$215.12 / | 8 | - | - | \$26.89 |

Equipment & Labor Summary

| Labor Equipment Total | \$35.04 |
|--|-------------|
| Rounded | \$63.00 |
| For Concrete demolition add \$5.00 per hour additional equipment charge. | \$68.00 |

The Removal Cost Factor is the product of the productivity factor for removal of a particular component multiplied by the total burdened hourly labor rate. The removal cost factors for all materials to be removed from FPL's sites are as follows:

| <u>Components</u> | <u>Hourly Rate</u> | Productivity Factor | <u>Removal Factor</u> |
|------------------------|--------------------|---------------------|-----------------------|
| Extra Heavy Steel (1) | \$63.00 | 2.50 MH / Ton | \$157.50 / Ton |
| Heavy Steel (2) | \$63.00 | 3.30 MH / Ton | \$207.90 / Ton |
| General Steel | \$63.00 | 4.40 MH / Ton | \$277.20 / Ton |
| Light Steel | \$63.00 | 7.10 MH / Ton | \$447.30 / Ton |
| Concrete | \$68.00 | 0.48 MH / CY | \$32.64 / CY |
| Reinforced Concrete | \$68.00 | 1.20 MH / CY | \$81.60 /CY |
| Copper-Elect. Cable & | | | |
| Generator Leads & | \$63.00 | 12.00 MH / Ton | \$756.00 / Ton |
| Copper - Generator | \$63.00 | 9.80 MH / Ton | \$617.40 / Ton |
| Copper - Transformer | \$63.00 | 7.40 MH / Ton | \$466.20 / Ton |
| General Insulation | \$63.00 | 1.00 MH / CY | \$63.00 /CY |
| Inground Pipe-Metal(3) | \$63.00 | 6.00 MH / Ton | \$378.00 / Ton |
| Concrete Pipe | \$68.00 | 4.60 MH / Ton | \$312.80 /CY |

(1) Includes turbine generator.

(2) Includes parts of the steam generator, pipe larger than 8 inches.

(3) Includes cost to backfill the trenches.

DISPOSAL COST FACTORS

Three cost factors were developed to compute the cost of disposal of non-hazardous wastes at the Central Landfill located at 7101 S.W. 205 Avenue in Ft. Lauderdale, Florida. Concrete and calcium silicated insulation are all non-hazardous wastes. The tipping fees are \$30,00 per ton for both concrete and calcium-silicate insulation. The dumpster charges, including driver, are \$525 per haul for both 20 cubic yard (5 tons deductible) and \$650 per haul for a 30 cubic yard dumpsters (7 tons deductible).

Cost factors were also developed to compute the cost of removal and disposal of oil tanks, including the cost of related soil remediation. Such costs are computed for each tank in FPL's system, and are located appropriately in the detailed spreadsheet.

Concrete

One cubic yard of concrete in place weighs 3,950 pounds. One cubic yard becomes 1.3 cubic yards after demolition. Each load will contain 15.38 cubic yards (20 cu. yds./1.3) of in place concrete. 15.38 cubic yards weighs 61,000 pounds or 30.50 tons.

| Dumpster Charge | \$525.00 | | | | 1 | \$525.00 |
|-----------------------------|----------|------------|---------|---------------|---------|------------|
| Tipping Fees | | \$30.00 | / TN | Х | 25.5 TN | 765.00 |
| Total Cost per round Trip | | | | | | \$1,290.00 |
| Cost per Cubic Yard | | \$1,290.00 | / 15.38 | cubic yards = | | \$83.88 |
| Plus 10% contractor profit | | | | | | 8.39 |
| Total Cost per Cubic Yard | | | | | | \$92.26 |
| Rounded Cost per Cubic Yard | | | | | | \$92.00 |

Insulation

A trailer with a 30 cubic yard capacity is used for insulation because of its lighter weight. For purposes of this computation the dumpster is assumed to be 90% full (although the tipping fee is based on the assumption of 100% full truck - 30 cubic yards - the full volume of the dumpster). A cubic yard of insulation weighs 121.5 pounds or .060750 tons. A 30 cubic yard dumpster would hold 1.82 tons of insulation.

| Calcium Silicate Insulation | | | | | | |
|-----------------------------|----------|---------|-------------|--------|---|----------|
| Dumpster Charge | \$650.00 | /haul | Х | 1 haul | = | \$650.00 |
| Tipping Fees | \$30.00 | / TN | Х | 0 TN | = | 0.00 |
| Total Cost per round Trip | | | | | | 650.00 |
| Cost per Cubic Yard | \$650.00 | / 27 cu | bic yards = | | | \$24.07 |
| Plus 10% contractor profit | | | • | | | 2.41 |
| Total Cost per Cubic Yard | | | | | | \$26.48 |
| Rounded Cost per Cubic Yard | | | | | | \$26.00 |

Asbestos Insulation

Environmental Services, Inc. advises that removal cost for asbestos is \$1,250 per cubic yard. Disposal Cost is \$100 per cubic yard.

SALVAGE VALUE FACTORS

The salvage value factors, presented in dollars per ton, were provided by scrap metals dealers. The list covers all salvageable materials recovered from FPL sites.

| Iron & Steel Stainless Steel Aluminum (Sheet Metal) Wire & Cable: | \$120 / ton \$2,000 / ton \$1,340 / ton |
|--|---|
| - Insulated Copper - Insulated Aluminum | \$2,100 / ton \$1,020 / ton \$5,000 / ton |
| Nickel Alloys | \$5,000 / ton |
| - 70/30 Cupro-Nickel - 80/20 Cupro-Nickel | \$4,000 / ton \$6,000 / ton |
| | \$10,000 / ton |
| Admiraty Brass Aluminum Brass Titanium | \$3,800 / ton \$2,800 / ton \$4,000 / ton |

OTHER SITE COSTS

Site Management Expenses

Site management expenses refer to FPL's management costs and contractors' expenses associated with the dismantlement project. The cost factors provided by FPL's Power Generation Division (PGD) and updated by Construction Estimating are: FPL expenses of \$21,134 per month, both office and site, and contractor's expenses of \$25,948 per month for site indirect costs. These expenses are to be incurred over the 12 month dismantlement period for Port Everglades. FPL's management costs include administration, engineering, permit costs and various other costs. Contractors' expenses include field management, supervison, security, etc.,

| Site Management Expenses per month | \$47,082 |
|------------------------------------|-------------|
| Number of months | 24.00 |
| Total Site Management Expenses | \$1,129,968 |

intake & Discharge Backfill

FPL's PGD developed this cost factor on the basis of a typical such structure for FPL's production plants. The assumption is that a volume of 1,600 cubic yards for the intake and 1,120 cubic yards for the discharge will need to be filled. Construction Estimating has updated the costs. The charge for the Intake is \$44,128; the cost for the discharge is \$35,115. Port Everglades has 2 Intakes and 4 Discharges:

| | Cost/Structure | Quantity | |
|---|-------------------|----------|-----------|
| Intake | \$44,128 | 2 | \$88,256 |
| Discharge | \$35,115 | 4 | \$140,460 |
| Total Cost to Backfill Intake & Discharge | Structures equals | | \$228,716 |

Grading and Seeding

This cost refers to the restoration of the dismantled area to a green field area. The land is filled with sand, spread with topsoil and then seeded. The cost factor provided by PGD and updated by Construction Estimating is \$63,579 per acre. The acreage was determined for each site by reviewing engineering drawings to determine the areas requiring this effort. Assumptions underlying this factor include 2,000 cubic yards per acre to be backfilled and 968 cubic yards per acre of topsoil to be spread and seeded.

| Port Everglades Acreage to be graded and seeded | 52.80 |
|---|-------------|
| Cost Factor | \$63,579 |
| Total Grading and Seeding Expense | \$3,356,971 |

Other Site Contamination & Special Waste

Florida Power & Light's Environmental Department has provided the following information about certain environmental related costs at the company's generating stations. At Port Everglades, the following cost estimates have been Identified:

| Description | Amount |
|-----------------------------------|--------------|
| Asbestos [see Units 1 - 4 detail] | \$25,000,000 |
| Lead in paint | 600 |
| Basins Clean Out/Material | 197,000 |
| Special Waste | 262,500 |
| Tanks/Washwater | 160,170 |
| Soil/Other Contamination | 343,200 |
| Total | \$25,963,470 |

| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Costi | Salvage Value per Unit of Measure | Realizable Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------|--|----------------------------|--|---|
| Port Everglades Common | | | | | | mensure | | MICEAULD | Vaibe |
| FERC Account 311 | | | | | | | | | |
| Improvements to Site | | | | | | 1 | | | |
| Roads, Walks | CY | 1 | 3.00 | 32.64 | 98 | 92.00 | 278 | 0.00 | 0 |
| Yard Lighting | TN | 1 | 9.50 | 447.30 | 4,249 | 0,00 | 0 | 120.00 | 1,140 |
| | | | | | 4,347 | | 276 | | 1,140 |
| Condensing & Service Water System | | | | | | | | | |
| Service Water Tanks | TN | 1 | 3.00 | 277.20 | 832 | 0.00 | 0 | 120.00 | 360 |
| Intake & Discharge | | | | | | | | | |
| Concrete | CY | 1 | 1,344.00 | 81.60 | 109,670 | 92.00 | 123.648 | 0.00 | 0 |
| Concrete Piping - 48" | CY | 1 | 28.00 | 312.80 | 8,758 | 0.00 | 0 | 0.00 | 0 |
| | | | | | 118,429 | | 123,648 | | 0 |
| Station Structures | | | | | | | | i | |
| Substructure Concrete Mats | CY | 1 | 6 524 00 | 81.60 | 537 358 | 82.00 | 600 202 | 0.00 | |
| C.I. Drain Line | TN | 1 | 781.30 | 207.90 | 162 432 | 0.00 | 000,208 | 120.00 | 02 766 |
| Structural Steel | TN | 1 | 754.80 | 207.90 | 156 923 | 0.00 | 0 | 120.00 | 83,730 90,578 |
| Roofing & Floor Slabs | CY | 1 | 403.00 | 32.64 | 13,154 | 92.00 | 37 076 | 0.00 | |
| Cranes, Derricks & Hoists | CY | 1 | 157.50 | 277,20 | 43.659 | 0.00 | 0 | 120.00 | 18 900 |
| Miscellaneous & Building Iron | TN | 1 | 135.60 | 277.20 | 37,588 | 0.00 | 0 | 120.00 | |
| Oil Storage Facilities | | | | | 846,115 | | 637,284 | | 219,504 |
| Tanks & Accessories | TN | 1 | 8.00 | 277 20 | 2 218 | 0.00 | | 120.00 | 060 |
| Oil Transfer Pumps & Motors | TN | 1 | 8,70 | 277.20 | 2,412 | 0.00 | o o | 120.00 | 1 044 |
| Piping | TN | 1 | 48.30 | 277.20 | 13.389 | 0.00 | 0 | 120.00 | 5 796 |
| Reinforced Concrete | CY | 1 | 1,270.00 | 81.60 | 103,632 | 92.00 | 116.840 | 0.00 | 0,100 |
| | | | | | 121,650 | | 118,840 | | 7,800 |
| Building Equipment | | | | | | | | | |
| Bulloning Elevator | EN | 1 | 11.00 | 277.20 | 3,049 | 0.00 | 0 | 120.00 | . 1,320 |
| HVAC Rhumble | IN | 1 | 17.50 | 277.20 | 4,851 | 0.00 | 0 | 120.00 | 2,100 |
| rancery Listing & Duilding Mising | 10 | 1 | 14.00 | 277.20 | 3,881 | 0.00 | 0 | 120.00 | 1,680 |
| Fire Protection Equipment | TN | 1 | 9.00 5.00 | 100,00 | 0,804 | 0.00 | 0 | 120.00 | 1,080 |
| r no r toucion equipment | | ••• | 0.00 | 441.00 | 20,822 | 0.00 | 0 | 120.00 | 6.780 |
| | | | | | | | | | -1 |
| lank Parm | | | 1 | | | | | | |
| #6 Fuel Od Tanks | TN | N/A | 288.00 | 0.00 | 306,812 | n/a | 0 | 120.00 | 34,560 |
| Cleaning of all tanks | BL | N/A | 0.00 | n/a | 0 | n/a | 3,800,000 | 0.00 | 0 |
| Soli Remediation Total | CY | NA | 0.00 | n/a | 0 | n/a | 410,753 | 0.00 | 0 |
| | | | | | 300,012 | | 4,210,753 | | 34,560 |
| Service Building | | | | | | | | | |
| Concrete | CY | 1 | 45.00 | 32.64 | 1,469 | 92.00 | 4,140 | 0.00 | 0 |
| Structural Steel | TN | 1 | 27.00 | 207.90 | 5,613 | 0.00 | 0 | 120.00 | 3.240 |
| Roofing | CY | 1 | 20.00 | 32.64 | 653 | 92.00 | 1,840 | 0.00 | 0 |
| Plumbing | TN | 1 | 18.00 | 277.20 | 4,990 | 0.00 | 0 | 120.00 | 2,160 |
| | | | | | 12,725 | | 5,980 | | 5,400 |
| | | | | | | | | | |

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| Removal, Disposal & Salvage | Unit of | Number of | Total | Removal Cost per | Total | Disposal Cost per | Total | Salvage Value per | Realizable Total Sabrace |
|--|---------|--------------|---------|---------------------|-----------|----------------------|-----------|----------------------|--------------------------------|
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Administration Building | | | | | | | | | |
| Concrete | CY | 1 | 480.00 | 32.64 | 15,667 | 92.00 | 44,160 | 0.00 | 0 |
| Structural Steel | TN | 1 | 300,00 | 207.90 | 62,370 | 0.00 | 0 | 120.00 | 36,000 |
| Rooting | CY | 1 | 225.00 | 32.64 | 7,344 | 92.00 | 20,700 | 0.00 | ٥ |
| Plumbing | TN . | . 1 | 210.00 | 277.20 | 58,212 | 0.00 | 0 | 120.00 | 25,200 |
| | | | 1 | | 143,593 | | 64,860 | | 61,200 |
| Total FERC Account 311 | | | | | 1,675,324 | | 5,159,641 | | 336,744 |
| FERC Account 312 | | | | | | | | | |
| Boller Plant Equipment | | | | | | | | | |
| Boiler Room Instruments | TN | 1 | 8.00 | 277.20 | 2,218 | 0.00 | 0 | 120.00 | 960 |
| Boller Blow-Off & Outfall Drains | TN | 1 | 10.00 | 277.20 | 2,772 | 0.00 | 0 | 120.00 | 1,200 |
| I DEU PERC ACCOUNT 312 | | | | | 4,990 | | 0 | | 2,160 |
| FERC Account 314 | | | | | | | | | |
| Turbogenerator Unit | | | | | | | | | |
| Condenser Auxiliary Equipment - Condensate Pumps | TN | 3 | 54.00 | 277.20 | 14,969 | 0.00 | 0 | 120.00 | 6,460 |
| Motors - 900 hp, 4,000V | TN | 3 | 48.00 | 277.20 | 13,306 | 0.00 | 0 | 120.00 | 5,760 |
| Concrete | CY | 1 | 174.00 | 81.60 | 14,198 | 92.00 | 16,008 | 0.00 | 0 |
| Turbine Room Instruments | TN | 1 | 12.00 | 277.20 | 3,326 | 0.00 | 0 | 120.00 | 1,440 |
| Total FERC Account 314 | | | | | 45,799 | | 16,008 | | 13,680 |
| FERC Account 315 | | | | | | | | | |
| Accessory Electrical Equipment | | | | | | | | | |
| Auxiliary Power Transformer | TN | 2 | 118.80 | 447.30 | 53,139 | 0.00 | 0 | 120.00 | 14,256 |
| Transformer Copper | TN | 1 | 53.96 | 466.20 | 25,156 | 0.00 | 0 | 5,000.00 | 269,800 |
| Transformers - Foundation | CY | 1 | 270,00 | 61,60 | 22,032 | 92.00 | 24,840 | 0.00 | 0 |
| Start-Up Transformer | TN | 1 | 75.50 | 447.30 | 33,771 | 0.00 | 0 | 120.00 | . 9,060 |
| Control Cable Supporting Cable Trays | TN | 1 | 31.00 | 756.00 | 23,436 | 0.00 | 0 | 120.00 | 3,720 |
| Control Boards & Load Centers | IN | 1 | 25.00 | 447.30 | 11,183 | 0.00 | 0 | 120.00 | 3,000 |
| I otal PERC Account 315 | | | | | 168,717 | | 24,840 | | 299,836 |
| FERC Account 318 | | | | | | | | | |
| Miscellaneous Power Plant Equipment | | | | | | | | | |
| Compressed Air System | TN | 1 | 18.00 | 277.20 | 4,990 | 0.00 | 0 | 120.00 | 2,160 |
| Intrasite Communications & Signal Equipment | TN | 1 | 3.50 | 447.30 | 1,566 | 0.00 | 0 | 120.00 | 420 |
| Service Air Piping | TN | 1 | 12.00 | 447.30 | 5,368 | 0.00 | 0 | 120.00 | 1,440 |
| Total FERC Account 316 | | | | | 11,923 | | 0 | | 4,020 |
| Total Port Everglades Common | | | | | 1,906,752 | | 5,200,489 | | 656,440 |
| | | · | | | | | | | |

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|---|---------|--------|----------|-------------|-----------|----------|---------|----------------------|------------|
| | | Number | | Removal | | Disposal | | Bahaaa | D |
| _ | | of | Total | Cost per | Total | Cost per | Total | Salvage Volue per | Realizable |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Linit of | Diessee | value per | rotal |
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Mereure | Coat | Unit or | Salvage |
| Port Everglades Units 1 & 2 | | | | | | Measure | COST | Measure | Value |
| FERC Account 311 | | | | | i | | | | |
| Improvements to Site | | | | | | | | | |
| Circ. & Serv. Water Sys Piping | TN | 1 | 11.99 | 277.20 | 3 322 | 0.00 | | 120.00 | 4 400 |
| Pumping Equipment 3000 gpm | TN | 3 | 10.80 | 277.20 | 2 994 | 0.00 | 0 | 120.00 | 1,436 |
| Service Water Tanks | TN | 2 | 10.00 | 277.20 | 2 772 | 0.00 | 0 | 120.00 | 1,296 |
| Elevated Water Tank - 100,000 gal | TN | 1 | 16.00 | 277 20 | 4 435 | 0.00 | 0 | 420.00 | 1,200 |
| Reinforced Concrete | CY | 1 | 2,448.00 | 81.60 | 199 757 | 92.00 | 225 246 | 120.00 | 1,920 |
| Traveling and Coarse Steel Screens | 'TN | 2 | 83,80 | 277.20 | 23 229 | 0.00 | 223,210 | 0.00 | 0 |
| Intake Gantry Crane - 20 Ton | TN | 1 | 56.50 | 207.90 | 11 748 | 0.00 | 0 | 120.00 | 10,056 |
| Screen Wash Pumps | TN | 2 | 8.00 | 277 20 | 7 749 | 0.00 | U O | 120,00 | 6,780 |
| Chlorinator & Expansion Tank | TN | 1 | 2.00 | 277 20 | 2,210 | 0.00 | U | 120.00 | 960 |
| Reinforced Concrete Transition Blocks | TN | 1 | 2,776.00 | 81.60 | 228 522 | 0.00 | 000 | 120.00 | 240 |
| Concrete Pipe | TN | 1 | 860.00 | 312.80 | 220,022 | 92.00 | 255,392 | 0.00 | o |
| Cast Iron Pipe | TN | 1 | 4 75 | 378.00 | 208,000 | 0.00 | 0 | 0.00 | 0 |
| Corrugated Metal Pipe | TN | i | 7.60 | 378.00 | 1,790 | 0.00 | 0 | 120.00 | 570 |
| Reinforced Concrete | CY | i | 172.00 | 84.60 | 2,873 | 0.00 | 0 | 120.00 | 912 |
| Concrete Culvert Pipe - 12" (.D. | TN | 1 | 2 699 00 | 213.00 | 14,035 | 92.00 | 15,824 | 0.00 | 0 |
| Total Account 311 | | | 2,000.00 | 31200 | 840,806 | 0.00 | 0 | 0.00 | 0 |
| l | | | | | 1,606,067 | | 496,432 | | 25,372 |
| FERC Account 312 | | | | | | | | | |
| Boiler Plant Equipment | | | | | | | | | |
| Fuel Oil Day Tanks- 3,000 bbt | TN | 2 | 202.40 | 0.00 | | | | | |
| Fuel Oil Day Tanks- Cleaning | FA | 4 | 202.40 | 0.00 | 25,000 | Na | 0 | 120.00 | 24,288 |
| Fuel Oil Day Tanks- Soil Remediation | EA | 1 | 1V8 | n/a _/_ | n/a | n/a | 80,000 | 0.00 | 0 |
| Fuel Oil Day Tanks - Reinforced Concrete | EA | 1 | nva j | nva = (a | n/a | nva | 8,000 | 0.00 | 0 |
| Fuel Tank - 238,000 bbl | TN | | 703 22 | nva _/= | | n/a | 51,142 | 0.00 | 0 |
| Fuel Tank - Cleaning | EA | 4 | 183.33 | rva | 51,136 | n/a | ٥ | 120.00 | 95,200 |
| Fuel Tank - Soil Remediation | EA | | iva. | nva sis | 0 | 0.00 | 250,000 | 0.00 | 0 |
| Surge & Calibration Tanks - 3 000 hh | TN | - | 70.00 | | 0 | 0.00 | 67,529 | 0.00 | 0 |
| Light-Up Oil Tank - 600 bhi | TN | 4 | 20.00 | 207.90 | 4,158 | 0.00 | o | 120.00 | . 2,400 |
| Fuel Oit Heaters | TN | | 2.00 | 207.90 | 416 | 0.00 | 0 | 120,00 | 240 |
| Fuel Oil Burner Purnos (including motor) | TN | 3 | 40.40 | 211.20 | 16,765 | 0.00 | 0 | 120.00 | 7,258 |
| Burner Booster Fuel Oil Burner Purpo | TN | 3 | 10.17 | 2//_20 | 2,819 | 0.00 | 0 | 120.00 | 1,220 |
| Burner Windbox | TM | | 5.79 | 277.20 | 1,605 | 0.00 | 0 | 120.00 | 695 |
| Subtotal | 114 | 1 | 120.00 | 277.20 | 33,264 | 0.00 | 0 | 120,00 | 14,400 |
| GUDELA | | | | | 135,163 | | 456,671 | - | 145,701 |
| Boiler Equipment | | | | | | | | | |
| Boiler Frame & Platforms | TN | | | | | | | | |
| Walkways & Platforme | 111 | | 2,632,00 | 207.90 | 547,193 | 0.00 | 0 | 120.00 | 315,840 |
| Steel Decking, Crating & Handrall | | 1 | 340.00 | 447.30 | 152,082 | 0.00 | 0 | 120,00 | 40,800 |
| Bailer - including: | | 1 | 310.00 | 447.30 | 138,663 | 0.00 | 0 | 120.00 | 37,200 |
| Furnere Tubles | IN | 1 | 3,472.00 | 207.90 | 721,829 | 0.00 | 0 | 120.00 | 416.640 |
| Superheater Tubine | | | | | | | | | |
| Pohostor Tubios | | | | | | | | | |
| Economizer Tubing | | | | | | | | | |
| Deputed anter | | | | | 1 | | | | |
| Relevant & Defension | | | | | | | | | |
| Formed Dang Cana | | | | | | | | | |
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| | | 7.0 | | | | | | | |
|---|---------|--------|----------|----------|---------------|----------|----------|-----------|------------|
| | | Number | | Removal | | Disposal | | Salvage | Realizable |
| | | of | Total | Cost per | Totai | Cost per | Total | Value ner | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvane |
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Insutation | CY | 1 | 2,117.86 | | Ó | 0.00 | 0 | 0.00 | 0 |
| Circulating Water Pumps | TN | 2 | 142.80 | 277.20 | 39,584 | 0.00 | o | 120.00 | 17.136 |
| Circulating Water Pump Motors | TN | 2 | 49.60 | 277.20 | 13,749 | 0.00 | ō | 120.00 | 5.952 |
| Instrument Air Compressors | TN | 2 | 8,00 | 277.20 | 2,218 | 0.00 | ō | 120.00 | 960 |
| Air Piping | TN | 1 | 8.86 | 277.20 | 2,455 | 0.00 | 0 | 120.00 | 1.063 |
| Extraction Feedwater Heater #1 | TN | 1 | 28.90 | 207.90 | 6,008 | 0.00 | 0 | 120.00 | 3.468 |
| Extraction Feedwater Heater #2 | TN | 1 | 20.10 | 207,90 | 4,179 | 0.00 | 0 | 120.00 | 2,412 |
| Extraction Feedwater Heater #3 | TN | 1 | 19,50 | 277.20 | 5,405 | 0.00 | 0 | 120.00 | 2,340 |
| Extraction Feedwater Heater #4 | TN | 1 | 18.60 | 277.20 | 4,802 | 0.00 | 0 | 120.00 | 1,992 |
| Extraction Feedwater Heater #5 | ŤN | 1 | 102.00 | 277.20 | 28,274 | 0.00 | 0 | 120.00 | 12,240 |
| Extraction Feedwater Heater #6 | TN | 1 | 48,10 | 277.20 | 13,333 | 0.00 | 0 | 120.00 | 5,772 |
| Extraction Feedwater Heater #7 | TN | 1 | 57.90 | 277.20 | 16,050 | 0.00 | 0 | 120.00 | 6,948 |
| Asbestos Abatement | CY | 1 | 4,600.00 | 1,250.00 | 5,750,000 | 100.00 | 460,000 | 0.00 | 0 |
| Deaerator | TN | 1 | 40,00 | 207.90 | B,316 | 0.00 | 0 | 120.00 | 4,800 |
| Boller Feed Pumps | TN | 3 | 60.00 | 207.90 | 12,474 | 0.00 | 0 | 120.00 | 7,200 |
| Boller Feed Pump Motors | TN | 6 | 180.00 | 277.20 | 49,896 | 0.00 | o | 120.00 | 21,600 |
| Pedestal - Reinforced Concrete | CY | 1 | 167.00 | 81.60 | 15,259 | 92.00 | 17,204 | 0.00 | 0 |
| Condensate Storage Tank | TN | 1 | 60,00 | 277.20 | 16,632 | 0.00 | 0 | 120.00 | 7,200 |
| Condensate Storage Tank - Foundation | CY | 1 | 64.00 | 81.60 | 5,222 | 92.00 | 5,888 | 0.00 | 0 |
| Boller Blowoff Tank | TN | 1 | 2,16 | 207,90 | 449 | 0.00 | | 120,00 | 259 |
| Miscellaneous Tanks | TN | 1 | 8.00 | 277.20 | 2,218 | 0.00 | o | 120.00 | 960 |
| FW Sys - Steel Pressure Filters | TN | 2 | 28.30 | 277.20 | 7,845 | 0.00 | o | 120.00 | 3,396 |
| FW Sys - Cation Exchangers | TN | 2 | 15.00 | 277.20 | 4,158 | 0.00 | 0 | 120.00 | 1,800 |
| FW Sys - Steel Acid Tank | TN | 1 | 7.25 | 277.20 | 2,010 | 0.00 | o | 120.00 | 870 |
| Asbestos Abatement | CY | 1 | 4,600.00 | 1,250.00 | 5,750,000 | 100.00 | 460,000 | 0.00 | C |
| Condensate Recovery Collection Tank | TN | 1 | 5,18 | 277.20 | 1,436 | 0.00 | 0 | 120.00 | 622 |
| Subtotal | | | | | 13,321,539 | - | 943,092 | | 919,470 |
| | | | 1 | | | | | | |
| Closed System Cooling Water Equipment | | | | | | | | | ľ |
| Cooling Water Pumps | TN | 2 | 8,50 | 277.20 | 2,356 | 0.00 | 0 | 120.00 | 1,020 |
| Cooling Water Heat Exchangers | TN | 3 | 66.00 | 277.20 | 18,295 | 0.00 | 0 | 120.00 | . 7,920 |
| C W Ht Exch - Foundation | CY | 1 | 44.00 | 81.60 | 3,590 | 92.00 | 4,048 | 0.00 | 0 |
| Cooling Water Surge Tank | TN | 1 | 2.85 | 277.20 | 790 | 0.00 | 0 | 120.00 | 342 |
| Subtotal | | | | | 26,032 | | 4,048 | | 9,282 |
| Sollar Binst Disisa | | | | | | | | | |
| <u>Power ram, roing</u> Maia Steen Dining, 197 | 754 | 4 | 483 73 | 207.00 | 30 400 | | | 100.00 | |
| Main Steam Phong - 18" | | | 162.73 | 207.90 | 33,832 | 0.00 | 0 | 120.00 | 19,528 |
| Cold Dobast Diving 20 | | 1 | 1/5,65 | 207.90 | 36,518 | 0.00 | 0 | 120.00 | 21,078 |
| Courtement Mighty - 20 Evimation Steam Dialog | | | 91.90 | 207,90 | 19,107 | 0.00 | 0 | 120.00 | 11,028 |
| Extraction Steam Piping | | 1 | 186.63 | 207.90 | 38,800 | 0.00 | 0 | 120.00 | 22,395 |
| Auxinary Steam Piperg | IN | | 10,63 | 207.90 | 2,211 | 0.00 | 0 | 120.00 | 1,276 |
| Concensate Piping | IN | 1 | 44,94 | 207.90 | 9,343 | 0.00 | 0 | 120.00 | 5,393 |
| Asuesius insulauch Relier Send Obliga | CY | | 4,000,00 | 1,250.00 | 5,000,000 | 100.00 | 400,000 | 0.00 | 0 |
| Boller Feed Piping | IN | 1 | 22.01 | 207.90 | 4,576 | 0.00 | 0 | 120.00 | 2,641 |
| Subtotal | | | | | 5,144,387 | | 400,000 | | 83,340 |
| Water Pining | | | | | | | | | |
| Demorralized Water Pioto | TN | 1 | e en | 277 20 | 1.05.1 | 0.00 | _ | 400 | |
| Other Water Pining | TN | 1 | 0,09 | 211.20 | 1,004 | 0.00 | 0 | 120.00 | 803 |
| Miscellaneous Pining | TN | 1 | 180 20 | 277 20 | 20,034 | 0.00 | 0 | 120.00 | 11,054 |
| Subtotal | 114 | • | 100.00 | 211-20 | 74 913 | 0.00 - | | 120.00 | 19,236 |
| Genter | | | | | 11,023 | | D | | 31,092 |
| | | | | | 1 | | 1 | | |

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|--------------------------------------|---------|--------|----------|-----------|------------|----------|-----------|-----------|------------|
| | | Number | 1 | Removal | | Disposal | | Salvage | Realizable |
| | | of | Total | Cost per | Total | Costper | Total | Value per | Total |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Instrument Piping & Tubing | | | ···· | | | | | | |
| Instrument Piping | TN | 1 | 13.42 | 277.20 | 3,720 | 0.00 | 0 | 120.00 | 1.610 |
| Instrument Tubing | TN | 1 | 68.98 | 277.20 | 19,120 | 0.00 | 0 | 120.00 | 8.277 |
| Instrument Multitube | TN | 1 | 7.48 | 277.20 | 2.074 | 0.00 | 0 | 120.00 | 898 |
| Asbestos Insulation | CY | 1 | 1,200.00 | 1,250.00 | 1,500,000 | 100.00 | 120,000 | 0.00 | 0 |
| Subiotal | | | | | 1,524,914 | | 120,000 | | 10,785 |
| Induced Draft Equipment | | | | | | | | | |
| Gas Ducts | TN | 1 | 1,200.00 | 207.90 | 249,480 | 0.00 | 0 | 120.00 | 144,000 |
| Stack Breeching | TN | 1 | 74.36 | 81.60 | 6,068 | 92.00 | 6,841 | 0.00 | 0 |
| Foundations- Reinforced Concrete | CY | 1 | 149.50 | 81.60 | 12,199 | 92.00 | 13,754 | 0.00 | 0 |
| Insulation - Ducts | CY | 1 | 1,600.00 | 81.60 | 146,880 | 26.00 | 46,800 | 0.00 | 0 |
| Induced Draft Fans - Foundations | CY | 1 | 357.00 | 81.60 | 29,131 | 92.00 | 32,844 | 0.00 | 0 |
| Induced Draft Fans | TN | 2 | 150.00 | 207.90 | 31,185 | 0.00 | 0 | 120.00 | 18,000 |
| Induced Draft Fan - Motors | TN | 2 | 71.40 | 277.20 | 19,792 | 0.00 | 0 | 120.00 | 8,568 |
| Concrete Stack | CY | 1 | 3,892.00 | 81.60 | 317,587 | 92.00 | 358,064 | 0.00 | 0 |
| Stack - Reinforced Concr. Foundation | CY | 1 | 1,550.00 | 81.60 | 126,480 | 92.00 | 142,600 | 0.00 | 0 |
| Dust Collectors | TN | 2 | 302.30 | 207.90 | 62,848 | 0.00 | 0 | 120.00 | 36.276 |
| Dust Collectors - Foundation | CY | 1 | 273.00 | 81.60 | 22,277 | 92.00 | 25,116 | 0.00 | 0 |
| Subtotal | | | | | 1,023,927 | | 626,019 | | 206,844 |
| Miscellaneous Steel & Equipment | TN | 1 | 433.00 | 447.30 | 193,681 | 0.00 | Đ | 120.00 | 51,960 |
| Total Account 312 | | | | | 21,440,465 | | 2,549,830 | | 1,458,473 |
| FERC Account 314 | | | | | | | | | |
| Turbogenerator Unit | | | | | | | | | |
| Pedestal - Reinforced Concrete | CY | 1 | 2,084.00 | 81.60 | 170,054 | 92.00 | 191.728 | 0.00 | 0 |
| Turbogenerator - Unit | TN | 1 | 740.00 | 157.50 | 116,550 | 0.00 | 0 | 120.00 | 85.800 |
| Turbine Copper | TN | 1 | 66,00 | 617.40 | 40,748 | 0.00 | 0 | 5,000,00 | 330,000 |
| Turbine Plant Piping | TN | 1 | 322.00 | 277.20 | 89,258 | 0.00 | o | 120.00 | 38.640 |
| Turbine Plant Piping - Insulation | CY | 1 | 2,785.71 | | 0 | 0.00 | Ó | 0.00 | |
| Subtotal | | | | | 416,611 | | 191,728 | | 457,440 |
| Condenser & Auxiliaries | | | | | | | | | |
| Condenser | TN | 1 | 675.00 | 207.90 | 140,333 | 0.00 | 0 | 120.00 | 81,000 |
| Condenser Tubes | TN | 1 | 235.00 | 447.30 | 105,116 | 0.00 | 0 | 2,800.00 | 658,000 |
| Circulating Water Pumps | TN | 2 | 39.00 | 277.20 | 10,811 | 0,00 | D | 120.00 | 4,660 |
| Butterfly Valves | TN | 2 | 17.19 | 277.20 | 4,766 | 0.00 | D | 120.00 | 2,063 |
| Condensate Pumps | TN | 2 | 26.00 | 277.20 | 7,207 | 0.00 | D | 120.00 | 3,120 |
| Condensate Pump Motors | TN | 2 | 18.40 | 277.20 | 5,100 | 0.00 | 0 | 120.00 | 2,208 |
| Vent Condenser | TN | 1 | 2.40 | 277.20 | 665 | 0.00 | 0 | 120.00 | 288 |
| Main Vacuum Pump | TN | 1 | 19.00 | 277.20 | 5,267 | 0.00 | 0 | 120.00 | 2,280 |
| Main Vacuum Pump - Motor | TN | 1 | 2.40 | 277.20 | 665 | 0.00 | 0 | 120.00 | 288 |
| Auxiliary Vacuum Pump | TN | 1 | 11.50 | 277.20 | 3,188 | 0.00 | 0 | 120.00 | 1,380 |
| Auxiliary Vacuum Pump - Motor | TN | 1 | 2.00 | 277.20 | 554 | 0.00 | Ů | 120.00 | 240 |
| Subtotal | | • | | | 283,672 | | 0 | | 755.547 |
| | | | | | | | | | |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Tofal Disposal Cost | Salvage Value per Unit of Measure | Reafizable Total Salvage Value |
|--|--------------------|---------------------------------|------------------------------|---|--------------------------|--|---------------------------|--|---|
| Turbine Room Auxiliaries | | | | · · · · | | · | | | |
| Turbine Lube Oil Dump Tank | TN | 1 | 3.55 | 277.20 | 964 | 0.00 | 0 | 120.00 | 426 |
| Turbine Lube Cooler | TN | 1 | 17.60 | 277.20 | 4,879 | 0.00 | 0 | 120.00 | 2,112 |
| Hydrogen Cooler | TN | 1 | 4.90 | 277.20 | 1,358 | 0.00 | 0 | 120.00 | 588 |
| Generator Exciter Air Cooler | TN | 1 | 4.40 | 277.20 | 1,220 | . 0.00 | 0 | 120.00 | 528 |
| Subtotal | | | | | 8,441 | | 0 | | 3,654 |
| Miscellaneous Steel & Equipment | TN | 1 | 57.50 | 277.20 | 15,939 | 0.00 | 0 | 120.00 | 6,900 |
| Total Account 314 | | | | | 724,663 | | 191,728 | | 1,223,541 |
| FERC Account 315 | | | | | | | | | |
| Accessory Electrical Equipment | | | 1 | 1 | | | | | |
| Generator Leads and Enclosures | TN | 1 | 18.00 | 277.20 | 4,990 | 0.00 | 0 | 120.00 | 2,160 |
| Reinforced Concrete | CY | 1 | 109.00 | 81.60 | 8,894 | 92.00 | 10,028 | 0.00 | G |
| Foundations - Reinforced Concrete | CY | 1 | 18.00 | 81.60 | 1,469 | 92.00 | 1,656 | 0.00 | 0 |
| Auxiliary Power Transformer | TN | 1 | 57.95 | 447.30 | 25,921 | 0.00 | 0 | 120.00 | 6,954 |
| Circ. Pump Power Supply Transformers | TN | 4 | 12_40 | 447.30 | 5,547 | 0.00 | 0 | 120.00 | 1,488 |
| Start-Up Transformer | TN | 1 | 36.75 | 447.30 | 16,438 | 0.00 | 0 | 120.00 | 4,410 |
| Transformer Copper | TN | 1 | 26.29 | 466.20 | 12,258 | 0.00 | 0 | 5,000.00 | 131,450 |
| One-Section ITE Circuit Breaker | TN | 1 | 10.00 | 447,30 | 4,473 | 0.00 | 0 | 120.00 | 1,200 |
| Metal Clad Switchgear - 4160 v | TN | 1 | 64.00 | 447.30 | 28,827 | 0.00 | 0 | 120.00 | 7,680 |
| Metal Clad Switchgear - 480 v | TN | · 1 | 17.00 | 277.20 | 4,712 | 0.00 | 0 | 120,00 | 2,040 |
| Concrete | CY | 1 | 560,00 | 81.60 | 45,696 | 92.00 | 51,520 | 0.00 | 0 |
| Conduit | TN | 1 | 194.27 | 277.20 | 53,852 | 0.00 | 0 | 120.00 | 23,313 |
| Exposed Conduit & Trays | TN | 1 | 39.35 | 277.20 | 10,909 | 0.00 | 0 | 120.00 | 4,722 |
| Cable Trays | TN | 1 | 33.80 | 277.20 | 9,369 | 0.00 | 0 | 120.00 | 4,056 |
| Subtotal | | | | | 233,154 | | 63,204 | | 189,473 |
| Power & Control Wiring | | | | | | | | | |
| No. 1 and Smaller | TN | 1 | 24.93 | 758.00 | 18,850 | 0.00 | 0 | 2,100.00 | . 52,362 |
| 1/0 to 4/0 | TN | 1 | 17.23 | 756.00 | 13,027 | 0.00 | 0 | 2,100.00 | 36,186 |
| Multiconductor - Various Sizes | TN | 1 | 370.48 | 756.00 | 280,081 | 0.00 | 0 | 2,100.00 | 778,004 |
| 5kv, 4/0 & Smaller | TN | 1 | 10.98 | 756.00 | 8,304 | 0.00 | 0 | 2,100.00 | 23,068 |
| 5kv, 200 MCM to 500 MCM | TN | 1 | 22.03 | 756.00 | 16,654 | 0.00 | 0 | 2,100.00 | 46,261 |
| 5kv, 1500 MCM | TN | 1 | 50,40 | 756.00 | 38,102 | 0.00 | 0 | 2,100.00 | 105,840 |
| Thermocouple Wire | TN | 1 | 11.18 | 756.00 | 8,448 | 0.00 | 0 | 2,100.00 | 23,468 |
| W&C Connections - 600v, #8 & Smaller Subiotal | IN | 1 | 3.59 | /56.00 | 386.179 | 0.00 | | 2,100.00 | 7,531 |
| | | | | | | | | | |
| Total Account 315 | | | | | 619,333 | | 63,204 | n | 1,262,192 |
| TOTAL PORT EVERGLADES UNIT 1 & 2 | | | | | 24,390,527 | | 3,301,194 | | 3,969,678 |
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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Neasure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal | Salvage Value per Unit of Measure | Realizable Total Salvage Valua |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------|--|-------------------|--|---|
| PORT EVERGLADES UNITS 3 & 4 | measure | nemo | | Measure | CUBL | - HIGTROIL | | Measure | Value |
| FERC Account 311 | | | | | | | | | |
| Improvements to Site | | | | | | | | | |
| Concrete Pavement | CY | 1 | 158.00 | 32.64 | 5.157 | 92.00 | 14.536 | 0.00 | 0 |
| Sewer System: | | | | | -, | | | | J |
| 48" Concrete Pipe - 6" | TN | ſ | 1.61 | 32.64 | 53 | 92.00 | 148 | 0.00 | a |
| 48" Concrete Pipe - 8" | TN | 1 | 3.20 | 32.64 | 104 | 92.00 | 294 | 0.00 | ŏ |
| 48" Concrete Pipe - 10" | TN | 1 | 7.20 | 32.64 | 235 | 92.00 | 662 | 0.00 | o |
| 48" Concrete Pipe - 12" | TN | 1 | 7.40 | 32.64 | 242 | 92.00 | 681 | 0.00 | o |
| 48" Concrete Pipe - 15" | TN | 1 | 6.80 | 32.64 | 222 | 92.00 | 626 | 0.00 | 0 |
| 48" Concrete Pipe - 18" | TN | 1 | 5.80 | 32.64 | 189 | 92.00 | 534 | 0.00 | 0 |
| Subtotal | | | . | | 6,202 | | 17,481 | | 0 |
| Condensing and Service Water System | | | | | | | | | |
| Water Treatment Area Slab | CY | 1 | 522.00 | 81.60 | 42,595 | 92.00 | 48.024 | 0.00 | 0 |
| Piping - Cast Iron - 18" | TN | 1 | 53,96 | 378.00 | 20,395 | 0.00 | , | 120.00 | 6.475 |
| Intake Cooling Water Pumps | TN | 2 | 8.00 | 277.20 | 2.218 | 0.00 | 0 | 120.00 | 960 |
| Intake Structure - Concrete | CY | 1 | 1.698.00 | 81.60 | 138.557 | 92.00 | 156.216 | 0.00 | 0.00 |
| Wingwall Cap & Crane Rail Pads | CY | 1 | 212.00 | 81.60 | 17.299 | 92.00 | 19,504 | 0.00 | o o |
| Traveling Water Screens | TN | 2 | 56,43 | 277,20 | 15.642 | 0.00 | 0 | 120.00 | 6.771 |
| 1 1/2 Ton Electric Hoist | TN | 1 | 7.00 | 277.20 | 1,940 | 0.00 | 0 | 120.00 | 840 |
| Screen Refuse Line - Concrete Pipe | TN | 1 | 1,013.33 | 32.64 | 33,075 | 92.00 | 83.227 | 0.00 | 0 |
| Intake Culvert - 144" concrete pipe | TN | 1 | 645.33 | 32.64 | 21.064 | 92.00 | 59.371 | 0.00 | 0 |
| Inlet & Outlet Concrete Structures | CY | 1 | 808.00 | B1.60 | 65,933 | 92.00 | 74.336 | 0.00 | 0 |
| Intake Conduit - 78" Rein Conc Pipe | TN | 1 | 1,094.67 | 81.60 | 89,325 | 92.00 | 100,709 | 0.00 | 0 |
| Concrete | CY | 1 | 1,384.00 | 81.60 | 112,934 | 92.00 | 127,328 | 0.00 | o |
| Discharge Conduit - 60" Concr Pipe | TN | 1 | 499.17 | 81.60 | 40,732 | \$2.00 | 45,923 | 0.00 | 0 |
| Concrete | CY | 1 | 720.00 | 81,60 | 58,752 | 92.00 | 66,240 | 0.00 | 0 |
| Seal Well Concrete Structure | CY | 1 | 780.00 | 81.60 | 63,648 | 92.00 | 71,760 | 0.00 | 0 |
| Concrete Pedestal Mat | CY | 1 | 7,424.00 | 61.60 | 605,798 | 92.00 | 683,008 | 0.00 | 0 |
| Structural Steel | TN | 1 | 610.00 | 207.90 | 126,819 | 0.00 | 0 | 120.00 | . 73,200 |
| Miscellaneous Steel | TN | 1 | 46.00 | 277.20 | 12,751 | 0.00 | 0 | 120.00 | 5,520 |
| Floors - Concrete | CY | 1 | 334.00 | 81.60 | 27,254 | 92.00 | 30,728 | 0.00 | 0 |
| Galvanized Steel Floor | TN | 1 | 104.40 | 277.20 | 28,940 | 0.00 | 0 | 120.00 | 12,526 |
| Forced Draft Fan Enclosure - Concr | CY | 1 | 294.00 | 81.60 | 23,990 | 92.00 | 27,048 | 0.00 | 0 |
| Elevator | TN | 1 . | 75.20 | 277.20 | 20,845 | 0.00 | 0 | 120.00 | 9,024 |
| Subtotal | | | | | 1,570,507 | | 1,603,422 | | 115,318 |
| Fuel <u>& Ash Structures</u> | | | | | | | | | |
| Concrete | CY | 1 | 58.00 | 81.60 | 4,733 | 92.00 | 5.336 | 0.00 | D |
| Ash Pit Sumps - Concrete | CY | 1 | 36.00 | 81.60 | 2,938 | 92.00 | 3.312 | 0.00 | 0 |
| Ash Disposal Lines - 10" | CY | 1 | 226.67 | 32.64 | 7,398 | 92.00 | 20.853 | 0.00 | 0 |
| Concrete | CY | 1 | 304.00 | 81.60 | 24,806 | 92.00 | 27.968 | 0.00 | 0 |
| Fuel Oil Transfer Pumps | TN | 2 | 4.90 | 277.20 | 1,358 | 0,00 | 0 | 120.00 | 588 |
| Fuel Oil Trisfr Hse Extn - Concrete | CY | 1 | 80.00 | 81.60 | 6,528 | 92.00 | 7.360 | 0.00 | 0 |
| Subtotal | | | 1 | | 47,761 | | 64,829 | | 568 |
| Total Account 311 | | | | | | | 1 845 340 | | |
| | | | | | 1,027,411 | | 1,000,132 | | 115,906 |

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| | | Number | | Removal | | Disposal | | Salvage | Realizable |
|---|------------|--------|--------------------|------------------|-----------|----------|----------|-----------|------------|
| Remarkal Diseased & Selvere | 11-14-1 | of | Total | Cost per | Total | Cost per | Total | Value per | Total |
| Cost Worksheet | Unit of | Compo- | Units of | Unit of | Removal | Unit of | Disposal | Unit of | Salvage |
| FERC Account 312 | Wiears ure | nents | Measure | Measure | Cost | Measure | Cost | Measure | Value |
| Boiler Plant Equipment | | | | | | | | | |
| Fuel Oil & Gas Equipment | | | | | | | | | |
| Metering Tank - Fdri & Conc Finewalls | CY | 1 | 604.00 | 0.00 | 0 | n/a | | 0.00 | |
| Fuel Oil Metering Tank - 12000 bbl | TN | 1 | 101.20 | 0.00 | 34 090 | n/a | | 120.00 | 12 144 |
| Fuel Oil Metering Tank - Cleaning | EA | 1 | n/a | n/a | 01,000 | n/a | 140 000 | 120,00 | 12,144 |
| Fuel Oil Metering Tank - Soil Remediation | EA | 1 | n/a | n/a | a | n/a | 28 950 | 0.00 | |
| Fuel Oil Metering Tank - Foundation | EA | 1 | n/a | n/a | 0 | n/a | 70 588 | 0.00 | 0 |
| Fuel Tank - Reinforced Concrete | EA | 1 | 87.00 | 81,60 | 7,099 | 92.00 | 8.004 | 0.00 | 0 |
| Fuel Tank - 238,000 bbl | TN | 1 | 793.33 | n/a | 51,136 | n/a | 0 | 120.00 | 95.200 |
| Fuel Tank - Cleaning | EA | 1 | n/a | n/a | 0 | n/a | 250,000 | 0.00 | 0 |
| Fuel Tank - Soil Remediation | EA | 1 | n/a | n/a | ٥ | n/a | 49,552 | 0.00 | ō |
| Burner Pumps | TN | 3 | 9.00 | 277.20 | 2,495 | 0.00 | 0 | 120.00 | 1,080 |
| Concrete | CY | 1 | 154.00 | 81.60 | 12,566 | 92.00 | 14,168 | 0.00 | o |
| Forced Draft Foundation | CY | 1 | 386.00 | 81.60 | 31,498 | 92.00 | 35,512 | 0.00 | 0 |
| 2 500 UD Matani 4000 4000 | TN | 2 | 122.00 | 207.90 | 25,364 | 0.00 | Ũ | 120.00 | 14,640 |
| S,500 PP* MOURS - 4000V, 1200 PM | 1N | 2 | 32.00 | 207.90 | 6,653 | 0.00 | 0 | 120.00 | 3,840 |
| insulation | IN | 2 | 1,228.80 | 277.20 | 340,823 | 0.00 | 0 | 120.00 | 147,456 |
| instation | CY CY | 1 | 960.00 | 63.00 | 60,480 | 26.00 | 24,960 | 0.00 | 0 |
| Subbio | Cr | 1 | 920.00 | 1,250.00 | 1,150,000 | 100.00 | 92,000 | 0.00 | 0 |
| Suboua | | | | | 1,722,004 | | 713,744 | | 274,360 |
| Boiler Equipment | | | 1 | | | | | | |
| Boiler Frame | TN | 4 | 2 484 00 | 307.00 | 540.000 | | | | |
| Platforms, Grating & Handrails | TN | 4 | 474.00 | 207.80 | 512,200 | 0.00 | 0 | 120.00 | 295,680 |
| Boiler - including: | TN | 4 | #/4.00 # 084.00 | 447.00 207.00 | 212,020 | 0.00 | 0 | 120.00 | 56,880 |
| Drum | | • | 0,004.00 | 207.00 | 1,204,604 | 0.00 | 0 | 120.00 | 730,080 |
| Waterwall, Cowncorners & Tubes | | | | | | | | | |
| Piping, Valves & Silencers | | | | | | | | | |
| Radiant Superheater | | | | | | | | | |
| Convection Superheater | | | | | | | | | 1 |
| Reheater | | | | | | | | | • |
| Economizer | | | | | | |] | | |
| Sootblowers | | | | | | | | | |
| Insulation | CY | 1 | 680.00 | 63,00 | 42,840 | 26.00 | 17.680 | 0.00 | 0 |
| Asbestos Insulation | CY | 1 | 950.00 | 1,250.00 | 1,187,500 | 100.00 | 95.000 | 0.00 | ů o |
| Air Preheater | TN | 2 | 1,000.00 | 207.90 | 207,900 | 0.00 | 0 | 120.00 | 120.000 |
| Subtotal | | | | | 3,427,389 | | 112,660 | | 1,202,640 |
| | | | | | | | | | |
| Boller Plant Auxiliaries | | | | | | | | | |
| H.P. Feedwater Heater #1 | TN | 1 | 134.90 | 207.90 | 28,046 | 0.00 | 0 | 120.00 | 16,188 |
| H.P. Feedwater Heater #2 | TN | 1 | 101.90 | 207.90 | 21,185 | 0.00 | o | 120.00 | 12.228 |
| LP. Feedwater Heater #3 | TN | 1 | 35.70 | 277.20 | 9,896 | 0.00 | 0 | 120.00 | 4,284 |
| L.P. Feedwater Heater #4 | TN | 1 | 30.20 | 277.20 | 8,371 | 0.00 | o | 120.00 | 3.624 |
| LP. Feedwater Heater #5 | TN | 1 | 23.70 | 277.20 | 6,570 | 0.00 | 0 | 120.00 | 2.844 |
| L.F., Focuwater Heater #5 | TN | 1 | 31.70 | 277.20 | 8,787 | 0.00 | 0 | 120.00 | 3,804 |
| L.P. Peedwater Heater #/ | TN | 1 | 43.70 | 277.20 | 12,114 | 0.00 | 0 | 120.00 | 5,244 |
| Poilor Food Dumps (including molecu) | CY | 1 | 950.00 | 1,250.00 | 1,187,500 | 100.00 | 95,000 | 0.00 | 0 |
| Concrete | | 2 | 108.00 | 207.90 | 22,453 | 0.00 | 0 | 120.00 | 12,960 |
| Condensate Storene Tank - 150 000 d | | 4 | 238.00 | 61.60 | 19,421 | 92.00 | 21,896 | 0.00 | D |
| Condensate Storage Tark Frendation | | 1 | 82.50 | 277,20 | 22,869 | 0.00 | 0 | 120.00 | 9,900 |
| Subintal | UI UI | 1 | 210.00 | ö1.60 | 17,130 | 92.00 | 19,320 | 0.00 | 0 |
| COULD | | | J | | 1,364,348 | | 136,216 | | 71,076 |

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| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- pents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Realizable Total Salvage Value |
|---|--------------------|---------------------------------|------------------------------|---|--------------------------|--|---------------------------|--|---|
| | - | | | | | | | | |
| Boller Plant Piping | | | 1 | | | | | | |
| Main Steam Piping - 20,5 Inch OD | TN | 1 | 151.01 | 207.90 | 31,395 | 0.00 | 0 | 120.00 | 18,121 |
| Main Steam Piping - 16 inch OD | TN | 1 | 13.41 | 207.90 | 2,788 | 0.00 | 0 | 120.00 | 1,609 |
| Hot Reheat Piping - 30 inch OD | TN | 1 | 88.34 | 207.90 | 18,366 | 0.00 | 0 | 120.00 | 10,601 |
| Hot Reheat Piping - 22 inch OD | TN | 1 | 26.29 | 207.90 | 5,466 | 0.00 | 0 | 120.00 | 3,155 |
| Cold Reheat Piping - 32 inch OD | TN | 1 | 40.62 | 207.90 | 8,445 | 0,00 | 0 | 120.00 | 4,875 |
| Cold Reheat Piping - 24 Inch OD | TN | 1 | 15.42 | 207.90 | 3,206 | 0.00 | 0 | 120.00 | 1,851 |
| Boker Plant Piping Insulation | CY | 1 | 800.00 | 63.00 | 50,400 | 26.00 | 20 ,80 0 | 0.00 | 0 |
| Poter Plant Piping Insulation | CY | 1 | 1,240.00 | 1,250.00 | 1,550,000 | 100.00 | 124,000 | 0.00 | 0 |
| Extraction Steam Piping | TN | 1 | 64.00 | 207.90 | 13,306 | 0.00 | 0 | 120.00 | 7,680 |
| Boller Feed Piping | IN | 1 | 92.00 | 207.90 | 19,127 | 0.00 | 0 | 120.00 | 11,040 |
| Slopetre | CY | 1 | 640.00 | 83,00 | 40,320 | 26.00 | 16,640 | 0.00 | 0 |
| Snembers Soluming Austing, Steam, Disks | | 3 | 24.60 | 277.20 | 6,819 | 0.00 | 0 | 120.00 | 2,952 |
| Saturaled Auxiliary Steam - Piping | IN | 1 | 43.43 | 277.20 | 12,039 | 0.00 | 0 | 120.00 | 5,212 |
| Service & Cooling water Piping | IN | 1 | 189.70 | 277.20 | 52,585 | 0.00 | 0 | 120.00 | 22,764 |
| Disa Insulation | IN | 1 | 66.40 | 277.20 | 18,405 | 0.00 | Ó | 120,00 | 7,967 |
| Arbestes Dise levelation | Cr Cr | 1 | 790.00 | 63.00 | 49,770 | 26,00 | 20,540 | 0.00 | 0 |
| Aspestos Pipe Insulation | CY | 1 | 60.00 | 1,250,00 | 75,000 | 100.00 | 6,000 | 0.00 | 0 |
| Subiotal | | | | | 1,957,436 | | 187,980 | | 97,827 |
| Induced Dec Equipment | | | | | | | | | |
| Induced Dian Eduloment | C 14 | | 174.40 | | | | _ | | |
| | | 1 | 1/1.43 | | D | 0.00 | 0 | 0.00 | 0 |
| Stacke | | 1 | 680.001 | 63.00 | 42,840 | 26.00 | 17,680 | 0.00 | 0 |
| Duet Collectore 4 700 au 6 | | 1 | 3,940.00 | 81,60 | 321,504 | 92.00 | 362,480 | 0.00 | 0 |
| Concrete Stock Foundation | | 2 | 140,00 | 207.90 | 29,106 | 0.00 | 0 | 120.00 | 16,800 |
| Concrete Static Fubilitization | Ci | | 1,032.00 | 61,DQ | 134,803 | 92.00 | 151,984 | 0.00 | 0 |
| | | | | | 526,253 | | 532,144 | | 16,800 |
| Miscettaneous Steel & Equipment | TN | 1 | 525.23 | 447.30 | 234,935 | 0.00 | 0 | 120.00 | 63,028 |
| Total Account 312 | | | | | 9,234,366 | | 1,682,764 | | 1,725,730 |
| FERC Account 314 | | | | | | | | | |
| Turbo-Generator Units | | | | | | | | | |
| Conditioner | TN | 1 | 3.85 | 277 20 | 1 010 | 0.00 | | 100.00 | |
| Pedestal Concrete | CY | 1 | 3 172 00 | 81.80 | 258 825 | 0.00 | 201 824 | 120.00 | 438 |
| Incerts & Anchor Bolts | TN | 1 | 3.47 | 277 20 | 200,000 | 92.00 | 291,024 | 0.00 | 0 |
| Turbo-Generator Unit | TN | 1 | 4 208 00 | 467.50 | 106 | 0.00 | U | 120.00 | 418 |
| Turbine Picion | TM | | 520.00 | 759.00 | 204,120 | 0.00 | 0 | 120.00 | 155,520 |
| Turbine Connor | TN | | 520,00 | 730.00 | 393,120 | 0.00 | U | 120.00 | 62,400 |
| Turbine Inculation | CY | | F00.00 | 017,40 | 1,618 | 0.00 | 0 | 5,000.00 | 580,000 |
| Cubicial | Cr | 1 | 500,00 | | 0 | 0.00 | 0 | 0.00 | 0 |
| Subbia | | | | | 929,667 | | 291,824 | | 798,774 |
| Condensers and Auxiliaries | | | | | | | 1 | | |
| Condenser Shell | TN | 1 | 1,735.00 | 207.90 | 360,707 | 0.00 | 0 | 120.00 | 208 200 |
| Condenser Tubes - Titanium | TN | 1 | 429,00 | 447.30 | 191,892 | 0.00 | 0 | 4 000 00 | 1 718 000 |
| Circulating Water Pumps - 137,500 gpm | TN | 2 | 210.00 | 277.20 | 58,212 | 0.00 | 0 | 120.00 | 25 200 |
| Motors 1,250 HP, 4000v, 257 rpm | TN | 2 | 72.14 | 277.20 | 19,997 | 0.00 | 0 | 120.00 | 8 857 |

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|---|---------|--------|----------|----------|------------------|----------|-----------|----------------------|----------------|
| | | Number | | Removal | | Disposal | | Cohrona | D UL4 |
| | | of | Total | Cost per | Total | Cost per | Total | Salvage Velve per | Kealizable |
| Removal, Disposal & Salvage | Unit of | Compo- | Units of | Unit of | Pamoval | Unit of | Diseased | Value per | 10121 |
| Cost Worksheet | Measure | nents | Measure | Measure | Cost | Measure | Cost | Vensure | Salvage |
| Butterity Valves | TN | 2 | 32.00 | 277 20 | 8.870 | 0.00 | | 430.00 | Value |
| Cond Pumps - 24" suction, 12" dischrg | TN | 3 | 55.35 | 277.20 | 15 343 | 0.00 | 0 | 120.00 | 3,840 |
| Motors - 900 HP, 4,000 v, 1,200 rpm | TN | 3 | 35.10 | 277 20 | P 730 | 0.00 | 0 | 120.00 | 0,042 |
| Concrete | CY | 1 | 174.00 | 81.60 | 14 108 | 02.00 | 18 008 | 120,00 | 4,212 |
| Tank - 8,500 gation | TN | 1 | 54.38 | 277 20 | 15,060 | 0.00 | 10,000 | 400.00 | U 1 5 7 7 1 |
| Subtotal | | - | | | 804 018 | 0.00 | 18 008 | 120.00 | 0,523 |
| | | | | | 010,700 | | 10,000 | | 1,979,274 |
| Miscellaneous Steel & Equipment | TN | 1 | 490.51 | 447 30 | 219 405 | 6.00 | | 120.00 | 50 004 |
| | | | | | 210,100 | 0.00 | Ň | 120.00 | 20,001 |
| Total Account 314 | | | | | 1 843 089 | | 307 832 | | 2 838 000 |
| | | | | | 1,010,000 | | 307,032 | | 2,030,909 |
| FERC Account 315 | | | 1 | | | | | | |
| Accessory Electrical Equipment | | | 1 | | | | ļ | | |
| Foundations & Structures | | | | | 1 | | | | |
| Concrete | CY | 1 | 16.00 | 81 60 ' | 1 306 | 07.00 | 4 479 | 0.00 | |
| Steel Structures & Supports | TN | 1 | 6,60 | 207.90 | 1 414 | 0.00 | 1,472 | 120.00 | 0 |
| Equipment Foundations - Concrete | CY | 1 | 58.00 | 81.60 | 4 733 | 62.00 | Eano | 120,00 | 816 |
| Switchgear Foundations - Concrete | TN | 1 | 154.00 | 81.60 | 12 586 | 02.00 | 3,330 | 0.00 | 0. |
| Aux Power Transformer - 24,000 kva 4080ol | TN | 1 | 118 80 | 447 30 | 52 420 | 02.00 | 14,108 | 0.00 | 0 |
| Transformer Copper | TN | 1 | 53 08 | 468 20 | 00,108 05,108 | 0.00 | 0 | 120.00 | 14,256 |
| Concrete | CY | i | 538.00 | 91.60 | 20,100 | 0.00 | 0 | 5,000.00 | 269,800 |
| Conduit | TM | 1 | 80.00 | 447.90 | 43,901 | 92.00 | 49,496 | 0.00 | 0 |
| Conductors - Generator Leads | | - | 40.00 | 758.00 | 35,784 | 0.00 | O, | 120.00 | 9,600 |
| Power Wirkna - 5 000 v & 600 v | TN | | 70.00 | 750.00 | 30,240 | 0.00 | 0 | 5,000.00 | 200,000 |
| Switchnear 4 160v Metalciad | TM | | 70,00 | 756.00 | 52,920 | 0,00 | ပု | 2,100.00 | 147,000 |
| Switchnear - 480v Metalolad | 111 | 1 | 80.00 | 447.30 | 35,784 | 0.00 | 0 | 120.00 | 9,600 |
| Startun Transformer | | 1 | 36.00 | 447.30 | 16,103 | 0.00 | 0 | 120.00 | 4,320 |
| Total Account 245 | 111 | 1 | 75.50 | 447.30 | 33,771 | 0.00 | 0 | 120.00 | 9,060 |
| | | | | | 346,617 | | 70,472 | | 664,452 |
| TOTAL PORT EVERGLADES UNITS 3 & 4 | | | | | 13,048,743 | | 3,746,800 | | 5.342.997 |
| | | | | | - | | | | |
| GAS TURBINES | | | | | | | | | |
| FERC Account 341 | | | | | | | | | |
| Structures & Improvements | | | 1 | | | | | | |
| Concrete and Foundations | CY | 1 ' | 100.00 | 81.60 | 8,160 | 92.00 | 9,200 | 0.00 | 6 |
| Total Account 341 | | | 1 | | 8,160 | | 9,200 | | 0 |
| FERC Account 342 | | | | | | | | | |
| Fuel Holders | | | | | | | | | |
| Fuel Oil Storage Tanks PPE 903 & PPE 904 | TN | 2 | 340.00 | 0.00 | 68 180 | 0.00 | | 470.00 | |
| Cleaning of Fuel Oil Storage Tank | BL | n/a | n/a | 0.00 | 00,100 | 0.00 | 100 000 | 120.00 | 40,600 |
| Sand Base Beneath Fuel Oil Storage Tank | CY | n/a | n/a | 0.00 | | n la | 120,000 | 0.00 | 0 |
| Total Account 342 | | | | 0.00 | 68,180 | IVA | 131,330 | 0.00 | 40.800 |
| FERC Account 343 | | | | | | | | | |
| Prime Movers | | | | | | | | | |
| Gas Expander With Sole Plates | TN | 1 | 446.40 | 207.90 | 82 807 | 0.00 | | 400 00 | |
| Gas Generator Engines With Bases | TN | 1 | 72.00 | 207.90 | 14 080 | 0.00 | 0 | 120.00 | 53,568 |
| Turning Gear & Outer Exhaust Case | TN | 1 | 51 80 | 207 90 | 10 724 | 0.00 | 0 | 120,00 | 8,640 |
| Upper Half - Outer Exhaust Case | TN | 1 | 15 00 | 207.00 | 2 440 | 0.00 | 0 | 120.00 | 6,192 |
| •• | | | 10.00] | 207.00 | 3,119 | 0.00 | 0 | 120.00 | 1,800 |

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|--|--------------------|---------------------------------|------------------------------|---|---|--|---------------------------|--|---|
| Removal, Disposal & Salvage Cost Worksheet | Unit of Measure | Number of Compo- nents | Total Units of Measure | Removal Cost per Unit of Measure | Total Removal Cost | Disposal Cost per Unit of Measure | Total Disposal Cost | Salvage Value per Unit of Measure | Realizable Total Salvage Value |
| Upper Half - Inner Exhaust Case | TN | 1 | 132.00 | 207.90 | 27,443 | 0.00 | 0 | 120.00 | 15,840 |
| Other Items | TN | 1 | 225.00 | 207.90 | 46,778 | 0.00 | 0 | 120.00 | 27,000 |
| Total Account 343 | | | 1 | | 195,842 | | 0 | | 113,040 |
| FERC Account 344 Generators | | | | | | l | | | |
| Generator - Electric with Soleplates | TN | 1 | 924.00 | 207.90 | 192,100 | 0.00 | o | 120.00 | 110.880 |
| Turbine Copper | TŃ | 1 | 12.00 | 617,40 | 7,409 | 0.00 | 0 | 5.000.00 | 60.000 |
| Rotor and 2 Coupling Hubs | TN | 1 | 79,80 | 207.90 | 16,590 | 0.00 | 0 | 120.00 | 9.576 |
| Total Accunt 344 | | | | | 216,099 | | 0 | | 180,456 |
| FERC Account 345 Accessor Electrical Equipment | | | | | | | | | |
| Transformer Copper | TN | 1 | 55.60 | 466,20 | 25,921 | 0.00 | 0 | 5,000.00 | 278,000 |
| Transformers | TN | 1 | 417.00 | 277.20 | 115,592 | 0.00 | 0 | 120.00 | 50,040 |
| Total Account 345 | | | | | 141,513 | | 0 | | 328,040 |
| TOTAL PORT EVERGLADES GAS TURBINES | | | | | 629,794 | | 140,530 | | 662,336 |
| TOTAL PORT EVERGLADES UNITS 1 THRU 4, TANK FARM, AND GAS TURBINES | | | | | 39,975,816 | | 12,389,013 | | 10,631,352 |

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