State of Florida



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Hublic Serbice Commission D-FPSC

Capital Circle Office Center • 2540 Shumard Oak Bouleyard 4: 04
Tallahassee, Florida 32399-0850

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COMMISSION CLERK

DATE:

October 11, 2004

TO:

Kay B. Flynn, Chief of Records, Division of the Commission Clerk &

Administrative Services

FROM:

Adrienne E. Vining, Senior Attorney, Office of the General Counsel

RE:

Docket No. 040001-EI - Fuel and Purchased Power Cost Recovery Clause with

Generating Performance Incentive Factor

Please find attached for filing in the above-referenced docket an original and seven copies of the following:

1. Direct Testimony of Joseph W. Rohrbacher, on behalf of Commission Staff (Redacted Version)

Also attached for filing in the above-referenced docket is the confidential version of the Direct Testimony of Joseph W. Rohrbacher. The confidential information in these documents is highlighted and should be protected from disclosure because it was granted confidential classification by the Commission in Order Nos. PSC-03-1184-CFO-EI, issued October 21, 2003, and PSC-04-0857-CFO-EI, issued September 1, 2004.

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MEMORANDUM

OCTOBER 11, 2004

TO:

DIVISION OF THE COMMISSION CLERK AND ADMINISTRATIVE

SERVICES

FROM:

OFFICE OF THE GENERAL COUNSEL (VINING)

RE:

DOCKET NO. 040001-EI - FUEL AND PURCHASED POWER COST

RECOVERY CLAUSE WITH GENERATING PERFORMANCE INCENTIVE

FACTOR.

Attached is the DIRECT TESTIMONY OF JOSEPH W. ROHRBACHER, on behalf of Commission Staff to be filed in the above-referenced docket.

AEV/jb I:040001/040001cos.testimony.doc

DOCUMENT NUMBER-DATE

FPSC-COMMISSION CLERK

BEFORE THE PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery | DOCKET NO. 040001-EI clause with generating performance incentive factor.

DATED: OCTOBER 11, 2004

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the DIRECT TESTIMONY OF JOSEPH W. ROHRBACHER on behalf of the Florida Public Service Commission Staff has been furnished to the following, this 11th day of October, 2004:

Ausley & McMullen Law Firm James Beasley/Lee Willis P. O. Box 391 Tallahassee, FL 32302

Florida Industrial Power Users Group c/o John McWhirter, Jr. McWhirter Reeves Law Firm 400 N. Tampa Street, Ste. 2450 Tampa, FL 33602

Gulf Power Company Susan D. Ritenour One Energy Place Pensacola, FL 32520-0780

Messer Law Firm Norman H. Horton, Jr. P. O. Box 1876 Tallahassee, FL 32302-1876

Tampa Electric Company Angela Llewellyn P. O. Box 111 Tampa, FL 33601-0111

Florida Power & Light Company Bill Walker 215 South Monroe Street, Ste. 810 Tallahassee, FL 32301-1859

Florida Public Utilities Company George Bachman P. O. Box 3395 West Palm Beach, FL 33402-3395

McWhirter Reeves Law Firm Vicki G. Kaufman 117 S. Gadsden Street Tallahassee, FL 32301

Office of Public Counsel Patricia Christensen/Charles Beck c/o The Florida Legislature 111 West Madison Street, #812 Tallahassee, FL 32399-1400

Beggs & Lane Law Firm Jeffrey Stone/Russell Badders P. O. Box 12950 Pensacola, FL 32591-2950

CERTIFICATE OF SERVICE DOCKET NO. 040001-EI PAGE 2

Steel Hector & Davis Law Firm John T. Butler 200 South Biscayne Blvd. Miami, FL 33131-2398 Progress Energy Florida, Inc. James McGee 100 Central Avenue, Suite CX1D St. Petersburg, FL 33701

ADRIENNE E. VINING

Senior Attorney

FLORIDA PUBLIC SERVICE COMMISSION 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 (850) 413-6183 $\it DOCKET~NO.~040001-EI:$ Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Commission Staff

DATE FILED: October 11, 2004

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- 1 DIRECT TESTIMONY OF JOSEPH W. ROHRBACHER
- 2 Q. Please state your name and business address.
- 3 A. My name is Joseph W. Rohrbacher and my business address is 4950 West
- 4 Kennedy Blvd., Suite 310, Tampa, Florida, 33609.

- 6 Q. By whom are you presently employed and in what capacity?
- 7 A. I am employed by the Florida Public Service Commission as a Regulatory
- 8 Analyst Supervisor in the Division of Regulatory Compliance and Consumer
- 9 Assistance.

10

- 11 Q. How long have you been employed by the Commission?
- 12 A. I have been employed by the Florida Public Service Commission since
- 13 January 1992.

14

- 15 Q. Briefly review your educational and professional background.
- 16 A. In 1967, I received a B.B.A. Degree in Accounting from Pace University.
- 17 I also received an M.B.A. from Long Island University in 1972. I worked for
- 18 approximately 14 years in various controller positions for two companies in
- 19 New York before joining the Commission staff. I was hired by the Commission in
- 20 1992 as a Regulatory Analyst I.

- 22 Q. Please describe your current responsibilities.
- 23 A. Currently, I am a Regulatory Analyst Supervisor with the
- 24 responsibilities of administering the Tampa District office, reviewing work
- 25 load, and allocating resources to complete field work and issue audit reports

- 1 when due. I also supervise, plan, and conduct utility audits of manual and
- 2 automated accounting systems for historical and forecasted financial
- 3 statements and exhibits.

- 5 Q. Have you presented testimony before this Commission or any other
- 6 regulatory agency?
- 7 A. Yes. I filed testimony in the fuel and purchased power cost recovery
- 8 clause proceedings in Docket No. 030001-EI.

9

- 10 Q. What is the purpose of your testimony today?
- 11 A. The purpose of my testimony is to provide information regarding:
- the incremental security costs of Tampa Electric Company (TECO) that
- the Tampa district office audited over the past two years, and
- 14 the waterborne transportation costs of Progress Energy Florida
- 15 (Progress) that the Tampa district office audited over the past two
- years.

17

18 <u>TECO SECURITY COSTS</u>

- 19 Q. Please provide some background regarding your audit of TECO's
- 20 incremental security costs.
- 21 A. By Order No. PSC-01-2516-FOF-EI, issued December 26, 2001, in Docket No.
- 22 010001-EI, and Order No. PSC-02-1761-FOF-EI, issued December 13, 2002, in
- 23 Docket No. 020001-EI, the Commission authorized recovery through the capacity
- 24 cost recovery clause of certain incremental power plant security expenses
- 25 incurred as a result of measures taken in response to the terrorist attacks of

- 1 September 11, 2001. As a result of these orders, we began to include security
- 2 costs in our audits of the capacity cost recovery clause. The Commission's
- 3 Tampa district office has audited actual costs for TECO as part of the audits
- 4 in Docket Nos. 030001-EI (Audit Control No. 03-036-2-1) and 040001-EI (Audit
- 5 Control No. 04-022-2-1). In addition, in the year 2003, we audited TECO's
- 6 historical level of security costs.

- 8 Q. Why did you audit the historical level of security costs?
- 9 A. The orders authorized recovery for incremental security costs.
- 10 Incremental is defined as the amount or degree by which something changes.
- 11 After the orders were issued, the Commission's auditors and analysts discussed
- 12 how to measure incremental costs. We were concerned that new security
- 13 measures might mitigate or replace previous security measures. For instance,
- 14 a company might hire security guards to staff a guard house at each entrance
- 15 to a plant site. This expense is new, but it might also replace some previous
- 16 costs for in house personnel to man the entrance gates. Therefore, we decided
- 17 that we should review the level of security expenses before the new costs were
- 18 incurred. The previous level of expenses would provide a base line to
- 19 evaluate the new costs for reasonableness. Therefore, in 2003, we completed
- 20 an audit of the historical level of security costs. This audit was filed in
- 21 Docket No. 030001-EI (Audit Control No. 02-340-2-1).

- 23 Q. Can you summarize the security costs for TECO that were reviewed in the
- 24 audits?
- 25 A. In each of the audits, we requested that TECO provide a schedule of

- 1 actual security costs by month. I have attached to my testimony a chart that
- 2 summarizes the schedules provided by the utility. The summary schedule is
- 3 Exhibit JWR-1. I have also attached as Exhibit JWR-2, a copy of each of the
- 4 schedules provided by TECO.

- 6 Q. It appears that the 2003 security costs are lower than the security
- 7 costs for 2002 and 2001. Is this correct?
- 8 A. Yes. In our audit of 2003 costs, we asked the company about the
- 9 decrease in costs. Our request was directed at specific accounts. We asked
- 10 "Why is the 2003 combined balance in accounts 921.12 and 921.97 for Security
- 11 costs lower than in 2001?" Carlos Aldazabal, Manager Financial Reporting,
- 12 provided a written response to our audit inquiry:
- 13 Incremental security requirements have been scaled back since the
- developments of 9/11. A reason for the decreased 0&M security
- spending can be attributed to the increased capital spending done
- 16 to install fencing and monitors at different locations.
- 17 Additionally, measures have been adopted such as restricting gate
- access at certain locations or limiting entry to only one specific
- 19 gate. These measures along with a continuous effort to make sure
- 20 the existing security policies are enforced have dramatically—
- 21 reduced increased security spending.

- 23 Q. Have you reviewed the testimony filed by Denise Jordan on August 10,
- 24 2004?
- 25 A. Yes. I also looked at her Exhibit JDJ-2 that provides a calculation of

- 1 2004 Incremental Security O&M Expense. I found it interesting that the
- 2 projected 2004 expenses are lower than the 2001, 2002, and 2003 expenses.
- 3 Despite this fact, TECO's requested incremental security expenses of \$523,873
- 4 are higher than the previous years. In our last two audits, we audited the
- 5 actual incremental security costs as reported by TECO:
- 6 2001 \$400.651
- 7 2002 \$393,948
- 8 2003 \$214,722

- 10 Q. Did you question anything else in that same exhibit?
- 11 A. Yes. The calculation is based on a 2000 base expense of \$1,927,720.
- 12 This total expense is significantly lower than the total security expense
- 13 provided, in the audit of base year costs (Docket No. 030001-EI, Audit Control
- 14 No. 02-340-2-1), The number provided was \$2,731,230. I believe that if this
- 15 amount is used, the calculation performed by Ms. Jordan to remove O&M cost
- 16 savings is not necessary. When I recalculate the schedule on JDJ-2 using the
- 17 number provided in the audit, the incremental security costs would be
- 18 \$184,834. I believe that this amount is reasonable based on the following
- 19 facts presented above:
- 20 1) TECO's statement that incremental security costs are decreasing;
- 21 2) General ledger costs for 2003 are lower than 2000; and
- 22 3) New incremental costs may decrease historic costs by substituting a new
- 23 method of security.

24

PROGRESS WATERBORNE TRANSPORTATION COSTS

- 2 Q. What is the scope of your testimony regarding the Progress waterborne
- 3 transportation costs?
- 4 A. My testimony is limited to the contracts that I reviewed in the
- 5 waterborne transportation audits in Docket Nos. 030001-EI (Audit Control No.
- 6 03-045-2-2) and 031057-EI (Audit Control No. 04-028-2-1.) I have attached a
- 7 copy of these audit reports as Exhibits JWR-3 (030001-EI audit report) and
- 8 JWR-4 (031057-EI audit report).

9

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- 10 Q. What did you find in your audits?
- 11 A. The audit report in Docket No. 030001-EI reviewed coal contracts for
- 12 2002. The audit report in Docket No. 031057-EI reviewed coal contracts for
- 13 2003. In both audit reports, Audit Disclosure No. 2 states that the contracts
- 14 I reviewed were all F.O.B. (free on board) Dock (or Barge). This means that
- 15 the cost of the coal under those contracts includes all the transportation
- 16 costs from the mine to the dock and all the handling costs to load the coal on
- 17 the barge. I have attached as Exhibit JWR-5 certain audit work papers
- 18 regarding my review of the coal contracts. The first two pages are my
- 19 Document Requests seeking access to the coal contracts. I reviewed the
- 20 contracts provided and the last four pages of the exhibit are my notes from my
- 21 review. These notes indicate the coal was purchased F.O.B. Barge.

- 23 Q. Why is this important?
- 24 A. Order No. PSC-04-0713-AS-EI, issued July 20, 2004, in Docket No. 031057-
- 25 EI approved a stipulation and settlement regarding waterborne coal

1	transportation services. The settlement addressed costs beginning in 2004.
2	There are two issues in this current hearing regarding costs for periods prior
3	to the settlement. The terms of the coal contracts that I reviewed are
4	important to the determination of allowable upriver terminalling and foreign
5	gulf terminalling costs to be recovered through the fuel clause for 2002 and
6	2003.
7	Q. Does this conclude your testimony?
8	A. Yes.
9	
10	
11	
12	

- 7 -

 $\it DOCKET\ NO.\ 040001-EI:$ Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Staff

EXHIBIT: JWR-1 - Summary of TECO Security Costs for 2000-2003

 $\begin{array}{c} \text{Docket No. 040001-EI} \\ \text{Exhibit JWR-1 (Page 1 of 1)} \\ \text{Summary of TECO Security Costs} \end{array}$

Account No.	2000	2001	2002	2003
506-49	\$ 300,641.00	\$ 385,291.00	\$ 267,213.00	\$ 342,365.22
506-59	210,942.00	288,618.00	191,175.00	260,777.55
506-68	3,523.00	93,163.00	111,564.00	119,417.52
511-49	8,333.00	3,340.00		
511-59		693.00		
511-68		366.00		
512-41	373.00	2,013.00		
512-42		151.00		
512-43		89.00		
512-49		1,216.00		
512-51		•	137.00	
512-53		52.00		
512-55		461.00	424.00	
512-56		125.00		
513-41		21,029.00	14,433.00	3,143.79
513-50	9,608.00	15,762.00	,	7,
513-56	-,		87.00	
514-59	4,901.00	2,981.00	21.00	
549-28	59,115.00	55,755.00	61,085.00	69,193.50
549-70	136,289.00	189,849.00	127,781.00	167,090.14
552-70	100,200.00	151.00	127,101.00	101,000111
553-21		1,449.00		
587-05		,,	(662.00)	
588-01			1.00	
592-00			600.00	
593-01			2,112.00	
903-00	2,257.00		2,172.00	
912-12	2,207.00	(149.00)		411.42
920-01	408,506.00	440,986.00	515,238.00	516,013.38
920-12	400,000.00	440,500.00	1,020.00	3 (0,013.00
920-93		54.00	1,020.00	
920-97		108.00	2,084.00	
921-01	45.060.00			39,437.30
921-02	45,968.00	37,429.00	29,494.00	39,437.30
		48.00	540.00	
921-07	E40.00	40.00		404.00
921-09	510.00	700 000 00	4 005 000 00	104.00
921-12	400,903.00	726,266.00	1,025,822.00	657,180.19
921-84	6.00			
921-87	50.00	4.000.00		5,806.10
921-92	ma aa	1,990.00		
921-93	53.00	15.00	4 000 000 00	4 000 010 00
921-97	1,117,941.00	1,232,738.00	1,266,802.00	1,099,912.37
932-03			28.00	
932-04	2,030.00	1,248.00	1,284.00	
932-05		315.00	1,379.00	617.07
932-12	13,935.00	4,187.00		
932-13	5,346.00	865.00	(8.00)	
Total	\$2,731,230.00	\$3,508,654.00	\$3,619,633.00	\$3,281,469.55

DOCKET NO. 040001-EI: Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Staff

EXHIBIT: JWR-2 - Schedules of Monthly TECO Security Costs for 2000-2003

30001-EI	DOCKET #030001-EI
TO 1000C	FOR THE MONTHS JANUARY - DECEMBER 2000
- /	CON THE MONTH OF TANK DECEMBED 3000
3/03	SCHEDULE OF SECURITY COSTS BY ACCOUNT
) (IAMPA ELECTRIC COMPANY
1680	Page 1 of 4
ا ال	EXHIBIT JWR-2

90 Y														-
	4	- F	1	2	3	4	5	6	7	8	9 .	10	11	12
2000	506	49	(10,704)	9,563	45,945	10,400	11,477	58,314	11,153	13,090	38,457	38,456	12,397	62,093
2000	506	59	(15,645)	7,501	24,526	8,972	10,434	49,166	9,751	11,334	9,366	40,642	-	54,895
	506		(10,040)	7,001	818	0,572	,	•	•	1,819	886	-	•	-
2000		68	950	489	458	354	384	451	744	525	967	188	1,030	2,385
2000	511	49	358	400	400	5-7	-	-	-	•	-	-	•	-
2000	513	41	373	•	-	_	_	9,608			-		-	-
2000	513	50	-	400	343	425	236	271	822	423	1,127	(57)	210	254
2000	514	59	358	489		2,101	250	14,044	2,220	2,406	3,148	4,868	4,788	13,384
2000	549	28	4,382	1,887	5,889		E 017	30,911	802	6,042	19,591	11,290	6,306	27,143
2000	549	70	(1,152)	6,210	17,231	6,298	5,617	30,811	004	0,012		,	•	-
2000	903	00	•	2,257	-			24 754	33,307	32,706	35,513	37,189	33,992	33,723
2000	920	01	34,474	33,348	34,315	31,745	33,443	34,751	3,565	2,349	2,757	2,787	3,252	2,723
2000	921	01	4,229	3,216	5,302	4,318	4,053	7,417	3,505	2,540	2,757	2,70	0,202	
2000	921	09	510		•	-	-	45.044	ED E00	17,672	26,060	34,266	14,675	101,470
2000	921	12	11,749	26,788	34,738	15,325	19,661	45,911	52,588	17,072	20,000	34,200	14,015	101,470
2000	921	84	-	-	-	•	-	-	-	•	-	_	_	50
2000	921	87	-	-	•	-	-	•	•	-	-44	-	-	30
2000	921	93	-	6	-	6	12	- 6		6	11	400 000	45 070	220 227
2000	921	97	1,530	53,199	111,667	46,108	43,085	214,827	36,117	59,988	107,352	168,063	45,678	230,327
2000	932	04	-	1,495	-	-	-	105	-	210	-	477	110	110
2000	932	12	743	2,138	5,431	(1,986)	4,511	318	97	588	(23)	477	681	960
2000	932	13	•	•	-	-			-		2,553	2,614	400 400	179
		•	31,206	148,587	286,666	124,070	132,918	486,105	151,173	149,166	247,774	340,799	123,128	529,715

Grand Total

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2,731,308

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EXH Page TAMPA ELECTRIC COMPANY OSTS, BY ACCOUNT - PER GE CALENDAR YEAR 2001		2001 2001 2001 2001 2001 2001 2001 2001	512 512 512 512 512 513 513 514 549	43 49 53 55 56 41 50 59 28	- - - - - - - 390 (2,807)	498 5,390	465 - 1,607 - 554 9,875	(104) 1,808 - 227 2,582	7,132 6,170 252 6,414	5 - 343	59 9,544 9,592 (11) 6,876	1,057 (7) 125 938 - 291 3,733	(25) 83 3,484	117 331 1,795	8 23 7,945	10,468			***
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SECURITY		2001 2001 2001 2001 2001 2001 2001	921 921 921 921 932 932 932	12 92 93 97 04 05	20,488 1,990 - 3,009 - (74)	31,534 0 69,348 110 -	63,248 0 191,551 79 (596) 294	25,706 0 53,664 503 	69,024 0 129,766 261 1,804 62	(17,037) 0 12,530 108	54,874 0 17 164,206 (3)	30,090 0 (2) 110,686 - 9 127	44,330 0 89,322 109 1,104 254	40,043 0 - 53,204 50 32 53	269,587 0 158,026 31 31	94,379 0 - 197,426 252 245 85			INC. (647) 098-2628
		2001	932	13	53,346	25 175,061	420,104	(4) 155,420	317,309	67,970	438,284	254,814	243,158	167,352 Grand Total	589,665	626 749	43)40	, t-	SOURCE.

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-		DOCKE	
	2002 2002	2002 2002 2002 2002 2002 2002 2002 200	
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C	446,530	5 45,313 49,251 13,985 - (55) 6,468 - 7,816 12,662 - - 47,518 (9) 591 4,368 151,238	
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	(847) 698-2628 FAX	FAX (647) 698-603	

	EXHIBIT JWR-2 Page 4 of 4
TA SECURITY COSTS	SECURITY COSTS, BY ACCOUNT - PER GENERAL LEDGER 12 MONTHS FUNED 12/31/2003
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	7,850,62 3,256,09 21,68 18,596,82 2,552,34 35,481,46 29,055,45 480,00
	3 25,412,81 9,922,91 9,694,78 2,694,78 22,03,44 12,096,0 3,498,9 21,096,0 58,717,2
	7,508.8 20,868.3 48.3 34,585.4 1,393.5 104,417.3
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OURCE: PBC	
AN INC. (647) 898-2626 FAX (647) 898-4608	9-600

 $\it DOCKET~NO.~040001\text{-}EI:$ Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Staff

EXHIBIT: JWR-3 - Progress Energy Florida, Inc. Waterborne Transportation Cost Audit Report for 2002



FLORIDA PUBLIC SERVICE COMMISSION

DIVISION OF AUDITING AND SAFETY BUREAU OF AUDITING

TAMPA DISTRICT OFFICE

PROGRESS ENERGY FLORIDA (FORMERLY FLORIDA POWER CORPORATION)

WATERBORNE TRANSPORTATION AUDIT

FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2002

DOCKET NO. 030001-EI

AUDIT CONTROL NO. 03-045-2-1

Joseph W. Rohrbacher, Audit Manager

James A. McPherson, Tampa District Supervisor

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DIVISION OF AUDITING AND SAFETY AUDITOR'S REPORT

MAY 5, 2003

TO: FLORIDA PUBLIC SERVICE COMMISSION AND OTHER INTERESTED PARTIES

We have applied the procedures described later in this report to determine the difference between the 2002 benchmark price paid by Progress Energy Florida (PEF) for waterborne coal transportation service and the actual cost of providing the service by Progress Fuels Corporation (PFC) for the historical twelve month period ended December 31, 2002. The attached schedules were prepared by the auditor as part of our work in Docket No. 030001-EI. There is confidential information associated with this audit.

This is an internal accounting report prepared after performing a limited scope audit. Accordingly, this report should not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

SUMMARY OF SIGNIFICANT FINDINGS

Progress Energy Florida purchases coal and other related fuels for the production of electricity from Progress Fuels Corporation, an affiliate company under Progress Energy, Inc. Progress Fuels Corporation, in turn, purchases some of the coal and transportation services from other affiliate companies.

SUMMARY OF SIGNIFICANT PROCEDURES

Our audit was performed by examining, on a test basis, certain transactions and account balances which we believe are sufficient to base our opinion. Our examination did not entail a complete review of all financial transactions of the company. Our more important audit procedures are summarized below. The following definitions apply when used in this report:

Compiled - The exhibit amounts were reconciled with the general ledger, and accounts were scanned for error or inconsistency.

Verify - The item was tested for accuracy, and substantiating documentation was examined.

Work Performed: Determined the relationship of the companies involved in procuring fuel for Progress Energy Florida's Crystal River power plant. Read contracts for fuel purchases and waterborne transportation services and verified invoice prices to contract amounts. Tested randomly selected items for same. Reconciled coal purchases by Progress Energy Florida (PEF) to coal sales of Progress Fuels Corporation (PFC). Verified that the pricing for the waterborne transportation services provided by PFC to PEF was in compliance with the market pricing mechanism authorized by Commission Order No. PSC-93-1331-FOF-EI. Calculated the average waterborne transportation costs for PFC and PEF. Read PFC coal pricing procedures to PEF. Scheduled responses to Request For Proposal for bids on coal purchases by PFC. Verified that General and Administrative expenses included in the price computation of PFC for procuring and transporting fuel to PEF's Crystal River plant were consistent with the agreements. Tested randomly selected G&A expenses to verify same.

-2-

DISCLOSURES

Disclosure No. 1

Subject: Affiliate Companies

Progress Energy Florida (PEF) purchases coal and other related fuels for the production of electricity from Progress Fuels Corporation (PFC), an affiliate company under Progress Energy, Inc.

Progress Fuels Corporation purchases the coal and other related fuels from various suppliers. In 2002 the bulk of these purchases were from Black Hawk Synfuel LLC, Marmet Synfuel LLC, and New River Synfuel LLC. All of these companies are affiliates under Progress Energy, Inc.

The fuel is trucked from the mines to an upriver terminal by Kanawha River Terminals, Inc. (KRT), for transloading to river barges which will transport the fuel down river to the New Orleans, Louisiana area. From here the coal will be shipped across the Gulf of Mexico to PEF's Crystal River complex by Dixie Fuels Limited.

KRT and Dixie Fuels are also affiliates of PEF under Progress Energy, Inc.

- ,

Disclosure No. 2

Subject: Coal Purchases

Statement of Fact:

Progress Fuels Corporation (PFC) purchases its coal from various suppliers and through its affiliates acting as agents. The per ton coal prices reviewed ranged from per ton from Pen Coal Corporation, a non-affiliated entity, under a contract originating in 1998 to per ton from Black Hawk Synfuel, an affiliated company, under a 2001 contract. The coal specifications in both contracts were similar.

In May 2001 PFC issued a Request For Proposal for bids on 2002 coal purchases. Progress Fuels Corporation has contracts with its suppliers, setting the prices and terms of delivery. The prices under the contracts reviewed varied but all were FOB dock..

The waterborne coal purchased by PEF is blended with different per ton costs at the terminals upriver or in New Orleans, Louisiana prior to loading and shipment on barges to Crystal River. PFC accrues the coal inventory and computes an average cost per ton, including transportation costs, when billing PEF.

Auditor Opinion:

The cost to PFC is at the contracted price. In reviewing the invoices for PFC from its suppliers, the auditor noted that prior to delivery to PEF a portion of the invoice cost is charged to "non-regulated" operations with the remainder charged to PEF. The utility spokesperson stated this non regulated portion was for the trucking of the coal from the mine to the KRT dock. This adjustment recognizes that the proxy price for transportation, in accordance with Order No. PSC-93-1331-FOF-EI, includes the cost from the mine to the generating plant .

Disclosure No. 3

Subject: Waterborne Transportation Cost

Statement of Fact:

Commission Order No. PSC-93-1331-FOF-EI authorized a market pricing mechanism for water borne transportation services provided by Electric Fuels Corporation (now called Progress Fuels Corporation) to Florida Power Corporation (now Progress Energy Florida). The base price of \$23.00 per ton was effective January 1, 1993 adjusted January 1 of each year, thereafter, using a composite index approved by the Commission. Based on the escalation, the rate charged by PFC to PEF for 2002 was \$ per ton. PFC estimates that \$ per ton the Gulf terminal and \$ per ton transportation across the Gulf to Crystal River.

The market price for PFC's deliveries cover the transportation components from the coal mine to the Crystal River plant site. This includes short-haul rail/truck transportation from the mine to the up-river dock, up-river barge transloading, river barge transportation, Gulf barge transloading, Gulf barge transportation and transportation to the Crystal River plant, as well as other charges, such as port fees and assist tug.

Auditor Opinion:

We determined the average cost of waterborne transportation for Progress Fuels Corporation for 2002 was \$ based on company records.

The companies providing transportation from the mines to the up-river dock and transloading to river barges and Gulf barge transportation to Crystal River is provided by Kanawha River Terminals, Inc. and Dixie Fuels Limited, both affiliated companies. Since the contracts were not put out for bid, we are unable to determine if the costs reflect a true market price.

Market proxy charged to PEF Average direct cost for PFC Gross Profit



DOCKET NO. 040001-EI: Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Staff

EXHIBIT: JWR-4 - Progress Energy Florida, Inc. Waterborne Transportation Cost Audit Report for 2003



FLORIDA PUBLIC SERVICE COMMISSION

DIVISION OF AUDITING AND SAFETY BUREAU OF AUDITING

TAMPA DISTRICT OFFICE

PROGRESS ENERGY FLORIDA

WATERBORNE TRANSPORTATION AUDIT FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2003

DOCKET NO. 031057-EI

AUDIT CONTROL NO. 04-028-2-1

Thomas Stambaugh, Audit Staff

Joseph W. Rohrbacher, Tampa District Supervisor

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	2.	COAL PURCHASES	. 4

DIVISION OF AUDITING AND SAFETY AUDITOR'S REPORT

MARCH 22, 2004

TO: FLORIDA PUBLIC SERVICE COMMISSION AND OTHER INTERESTED PARTIES

We have applied the procedures described later in this report to determine the difference between the 2003 benchmark price paid by Progress Energy Florida (PEF) for waterborne coal transportation service and the actual cost of providing the service by Progress Fuels Corporation (PFC) for the historical twelve month period ended December 31, 2003. The attached schedules were prepared by the auditor as part of our work in Docket 031057-EI. There is confidential information associated with this audit.

This is an internal accounting report prepared after performing a limited scope audit. Accordingly, this report should not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

-1-

SUMMARY OF SIGNIFICANT FINDINGS

Progress Energy Florida purchases coal and other related fuels for the production of electricity from Progress Fuels Corporation, an affiliate company under Progress Energy, Inc. Progress Fuels Corporation, in turn, purchases some of the coal and transportation services from other affiliate companies.

SUMMARY OF SIGNIFICANT PROCEDURES

Our audit was performed by examining, on a test basis, certain transactions and account balances which we believe are sufficient to base our opinion. Our examination did not entail a complete review of all financial transactions of the company. Our more important audit procedures are summarized below. The following definitions apply when used in this report.

Compiled - The exhibit amounts were reconciled with the general ledger. Accounts were scanned for error or inconsistency.

Verify - The item was tested for accuracy and substantiating documentation was examined.

Scanned - The documents or accounts were read quickly looking for obvious errors.

Work Performed: Determined the relationship of the companies involved in procuring fuel for Progress Energy Florida's Crystal River power plant. Read contracts for fuel purchases and waterborne transportation services. Tested selected invoices to verify that invoice prices met contract terms. Reconciled coal purchases by Progress Energy Florida (PEF) to coal sales of Progress Fuels Corporation (PFC). Verified that the pricing for the waterborne transportation services provided by PFC to PEF was in compliance with the market pricing mechanism authorized by Commission Order No. PSC-93-1331-FOF-EI. Calculated the average waterborne transportation costs for PFC and PEF. Read the coal pricing procedures used by PFC in the sale of coal to PEF. Verified that General and Administrative (G&A) expenses included in the price computation of PFC for procuring and transporting fuel to PEF's Crystal River plant were consistent with the agreements. Tested selected G&A expenses to verify same.

Disclosure No. 1

Subject: Waterborne Transportation Cost

Statement of Fact: Commission Order No. PSC-93-1331-FOF-EI authorized a market pricing mechanism for waterborne transportation services provided by Electric Fuels Corporation (now called Progress Fuels Corporation) to Florida Power Corporation (now Progress Energy Florida). The base price of per ton became effective on January 1, 1993. The price per ton was adjusted on January 1 of each year thereafter using a composite index approved by the Commission. Based on the escalation, the rate charged by PFC to PEF for 2003 was per ton. PFC estimates that of this amount relates to transportation from the mine to the Gulf terminal and is for transportation across the Gulf to Crystal River.

The market price for PFC's deliveries cover the transportation components from the coal mine to the Crystal River plant site. This includes short-haul rail/truck transportation from the mine to the upriver dock, up-river barge transloading, river barge transportation, Gulf barge transloading, Gulf barge transportation and transportation to the Crystal River plant, as well as other charges, such as port fees and assist tug.

The short-haul rail/truck transportation amount from the mine to the up-river dock is based on letter agreements between Kanawha River Terminals, Inc. and PFC, affiliated companies.

Auditor Opinion: We determined the average cost of waterborne transportation for Progress Fuels Corporation for 2003 was \$16.52 per ton based on company records.

2003 market proxy charged to PEF Average direct cost for PFC Gross Profit



Disclosure No. 2

Subject: Coal Purchases

Statement of Fact: Progress Fuels Corporation (PFC) purchases coal from various suppliers and through its affiliates acting as agents. The per ton prices reviewed ranged from per ton for coal from Alliance Coal Sales Corp. (MC Mining), a non-affiliated entity, to per ton for synfuel from Riverside Synfuel LLC, an affiliated company. The specifications in both contracts were similar.

Progress Fuels Corporation has contracts with its suppliers, setting the prices and terms of delivery. The contracts reviewed for waterborne transported fuel were FOB dock.

The waterborne coal purchased by Progress Energy Florida is blended with different per ton costs at the terminals upriver or in New Orleans, Louisiana prior to loading and shipment on barges to Crystal River. PFC accrues the coal inventory and computes an average cost per ton, including transportation costs, when billing PEF.

Progress Fuels Corporation bills Progress Energy Florida the same per ton price for waterborne and rail shipped coal. According to the Coal Supply and Delivery Agreement between PFC and PEF, this price represents PFC's estimated cost per ton of coal delivered to Crystal River. The estimate is determined monthly and includes overhead charges.

Auditor Opinion: The average delivered price, including transportation, to PEF in 2003 was \$58.06 per ton for coal and \$70.10 per ton for synfuel.

DOCKET NO. 040001-EI: Fuel and purchased power cost recovery clause and generating performance incentive factor.

WITNESS: Direct Testimony Of Joseph W. Rohrbacher, Appearing On Behalf Of Staff

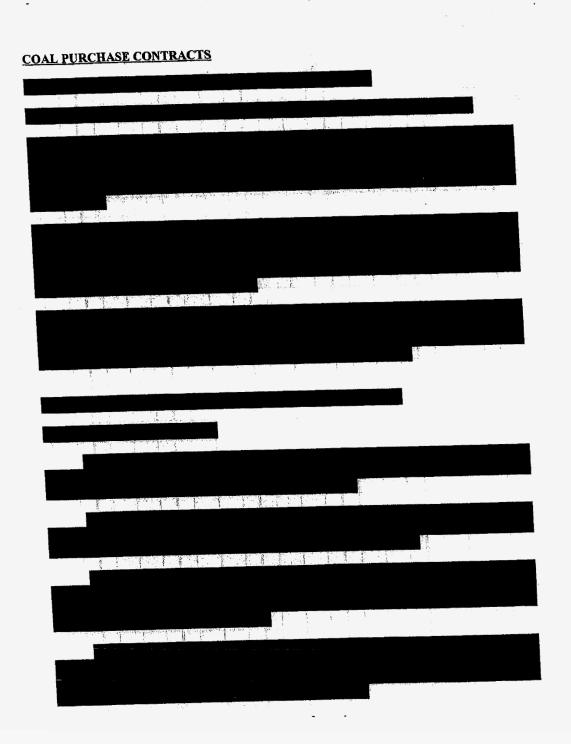
EXHIBIT: JWR-5 - Progress Energy Florida, Inc. Waterborne Transportation Cost Audit workpapers for 2002 and 2003

Page 1 of 6 Redacted

FLORIC PUBLIC SERVICE COMMICON AUDIT DOCUMENT/RECORD REQUEST NOTICE OF INTENT

	Javier Portuondo			
UTILITY				
FROM:	J. W. Rohrbacher			
	(AUDIT MANAGER)	(AUDITOR PRE	-	• • • • • • • • • • • • • • • • • • • •
REQUE	ST NUMBER: 2	DATE OF RE	QUEST:	3/24/03
	PURPOSE: Transportation Audit		·	
-	ST THE FOLLOWING ITEM(S) BE PROVIDED BY:	3/20	5/03	
REFERE	NCE RULE 25-22.006, F.A.C., THIS REQUEST IS MADE:	x		T TO AN INQUIRY OF AN INQUIRY
ITEM D	DESCRIPTION:			
Please p	rovide (should include but not limited to)information on the	following:		_
	lowing was previously requested on 03/19 onciliation:			
4) Reco 4 T A 5) Expe	lowing was previously requested on 03/19 onciliation: 23's to sch A-5 for PEF - 4+1-c > AD Connage shipped by PFC to tonnage received by PEF - A+1-c > Amounts paid by PEF to PFC - A+1-c > AD enses for PFC shown as direct (transportation components) onal information may be requested at a later date.			
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4) Reco	onciliation: 23's to sch A-5 for PEF - 9+4-c > AD Connage shipped by PFC to tonnage received by PEF - A+4-c Amounts paid by PEF to PFC - 19+4-c > AD censes for PFC shown as direct (transportation components) conal information may be requested at a later date.		DATE:	3/26/03
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PROGRESS FUELS CORPORATION
WATERBORNE TRANSPORTATION AUDIT
COAL PURCHASE CONTRACTS
12 MONTHS ENDED 12/31/02



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FLORIDA PUBLIC SERVICE COMMISSION ALIDIT DOCUMENTATION EXHIBIT JWR-5 Page 4 of 6 Redacted AUDIT DOCUMENT/RECORD REQUEST NOTICE OF INTENT

TO:	Javier Portuondo		
UTILITY:	Progress Energy Florida	•	
FROM:	J. W. Kohrbacher	•	*
	(AUDIT MANAGER)	(AUDITOR)	PREPARING REQUEST)
REQUEST N		DATE OF	REQUEST: 2/02/04
AUDIT PURP			
REQUEST TI	HE FOLLOWING ITEM(S) BE P	ROVIDED BY:	2/06/03
REFERENCER	ULE 25-22.006, F.A.C., THIS REQUES?		INCIDENT TO AN INQUIRY X OUTSIDE OF AN INQUIRY
ITEM DESCR	RIPTION: Please provide (should in	clude but not limited to)info	rmation on the following:
Books and reco	ords for Progress Fuels Corp. (PFC) a	nd Progress Energy Florida	(PEF)
	s between PFC and its coal and transp		All returned to
_	between PFC and its coal and transpo	ortation suppliers fpr 2003	All returned to Company
Θ $ imes$ Invoices:	paid by PEF to PFC during 2003		,
PFC's re	gulated balance sheets, income statem	ents, journal entries and other	r supporting workpapers for 2003.
Additional info	rmation may be requested at a later d	ate.	
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TO: AUDIT	MANAGER		DATE:
THE REQUESTER	D RECORD OR DOCUMENTATION:		pride
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(3) 🗖 ANI DEI MA AR	DIN MY OPINION, ITEM(S) IS(AR FINED IN 364.183, 366.093, OR 367.156, F.: ITERIAL, THE UTILITY OR OTHER PERSON LEQUEST FOR CONFIDENTIAL CLASSIFIC RULE 25-22.006, F.A.C.	E) PROPRIETARY AND CONFID S. TO MAINTAIN CONTINUED	ENTIAL BUSINESS INFORMATION AS CONFIDENTIAL HANDLING OF THIS
(4) 🗖 THI	E ITEM WILL NOT BE PROVIDED. (SEE AT	M = M = M	Counting
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PROGRESS ENERGY FLORIDA WATERBORNE TRANSPORTATION AUDIT COAL CONTRACTS (WATERBORNE TRANSPORTATION EXHIBIT JWR-5 12 MONTHS ENDED 12/31/03 Page 5 of 6

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· ·
Progress Fuels Coal Agreements (Waterborne Transportation)
Drummond Coal sales, Inc.
Letter dated June 13, 2003 for purchase of one (1) ocean barge of approximately 17,000 tons of coal. Price is Coal Terminal. Guarantee of 11,700 Btu/LB, premium/penalty computed at the rate of per 100 Btu.
Emerald International Corporation
Letter dated February 28, 2003 for purchase of 35,000 tons of coal, to be delivered during late February to early April. Terminals (IMT) 55-57 AHP. Coal will be shipped from Emerald stockpiles at IMT. Guarantee of 13,000 Btu/LB, premium/penalty computed at the rate of
Letter dated March 26, 2003 for purchase of one barge (approximately 1,500 tons) of coal. Price is Guarantee of 11,720 Btu/LB, premium/penalty computed at the rate of
Letter dated April 2, 2003 for purchase of 140,000 tons of coal, to be delivered during April to December 31, 2003. Price is International Marine Terminals (IMT) 55-57 AHP. Coal will be shipped from Emerald stockpiles at IMT. Guarantee of 12,800 Btu/LB, premium/penalty computed at the rate of
Letter dated April 2, 2003 for purchase of 80,000 tons of coal, to be delivered during April to December 31, 2003. 55-57 AHP. Coal will be shipped from Emerald stockpiles at IMT. Guarantee of 12,100 Btu/LB, premium/penalty computed at the rate of
Guasare Coal International, n.v.
Term – January 2002 through December 31, 2002, extended to June 2003. Monthly letters to November 2003 for additional purchases.
Koch Carbon LLC
Term – July 1, 2003 to December 31, 2003 for 120,000 tons at District, KY. Guarantee of 12,800 Btu/LB.

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SOURCE R	Ave, Contracts		W/1 <u>1</u>	2->
INTEGRITY BUSINESS FORMS, INC	. (647) 698-2628 FAX (847) 698-4608			

PROGRESS ENERGY FLORIDA WATERBORNE TRANSPORTATION AUDIT COAL CONTRACTS (WATERBORNE TRANSPORTATION)

12 MONTHS ENDED 12/31/03

EXHIBIT JWR-5 TPage 6 of 6 Redacted

Kanawha River Terminals, Inc. – Affiliate of PFC
Letter dated November 24, 2003 for purchase of 20,000 tons of "compliance" coal for delivery during the period November 1, through december 31, 2003. Pool, Kanawha River and includes for trucking and transloading costs. Guarantee of 12,000 Btu/LB, premium/penalty computed at the rate of
Letter dated November 25, 2003 for purchase of 10,000 tons of "compliance" coal for delivery during the period November 1, through December 31, 2003. Costs Costs
Letter dated January 9, 2003 for purchase of 40,000 tons of "compliance" spot coal for delivery during the period November 1, through April of 2003. Marmet terminals. Guarantee of 12,500 Btu/LB, premium/penalty computed at the rate of 100 Btu.
Black Hawk Synfuel LLC as Agent for New River Synfuel LLC
Letter dated January 10, 2003 for purchase up to 950,000 tons of crushed run of mine coal (CROM) synfuel for delivery during the period May 1, 2002 through October 31, 2003. f.o.b. barge, KRT's Marmet or Quincy Dock. Guarantee of 12,500 Btu/LB.
Marmet Synfuel LLC as Agent for Calla Synfuel LLC
Letter dated January 10, 2003 for purchase up to 950,000 tons of CROM synfuel for delivery during the period May 1, 2002 through October 31, 2003. Ouincy Dock. Guarantee of 12,500 Btu/LB.
Letter dated March 15, 2002, and January 7, 2003 for purchase of 33,000 tons of 1.2 LB "compliance' synfucl per month for delivery during the period May 1, 2002 through December 31, 2003. Price is Marmet or Ouincy Terminals on the Kanawha River. Guarantee of 13,200 Btu/LB, premium/penalty computed at the rate of

Riverside Synfuel LLC, as Agent for RC Sybfuel LLC

month of synfuel be shipped as CROM.

Approximately six barges or 10,000 tons of 1.2 lb "compliance" synfuel during February - March 2003. f.o.b. barge, Ceredo Terminal. Guarantee of 12,500 Btu/Lb, premium/penalty computed at the rate of

By letter dated Febuary 27, 2003 PFC desired to have approximately 30.0 percent of the 33,000 tons per

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