

U1 + 2 are identical 632 MW net 660 gross each

FPL owns 20% share in all facilities

Built in early 80's, 87 and 88
SCRs added in 2009

Scrubbers - 3 towers (2 primary, one backup) 6 total, ~~3 per~~ unit

Foster Wheeler boilers
7 pulverizers / unit

Site was surcharged to gain bearing capacities, so everything built on large slabs (very few piles, maybe cooling towers)

Coal delivered to Blount Island via ocean going vessels
Most unloading equipment dismantled in favor of self unloading vessels, no storage on Blount Island
3.2 miles of conveyors

Ash landfill 1 + 2 have been closed, third one active
Unlined landfills - need to check closure plan
Sell gypsum

Plant is asbestos and PCB free
few nuclear devices (coal feed, etc.)

No baghouse, precip only

Stack - 640' tall, brick lined

Cooling towers - 460' tall

Ash landfill pond is unlined, all other ponds are lined

4 wells - 900 - 1200 feet deep, demin, etc
Cooling tower make-up from St. Johns River
Intake @ Northside Plant

No. 2 Fuel Oil tank no longer used and drained, use NG for startup now tank still there, has not been cleaned

No known leaks or spills that have not already been remediated

Condenser tubes are titanium

Heater tubes are 3/6

Photos

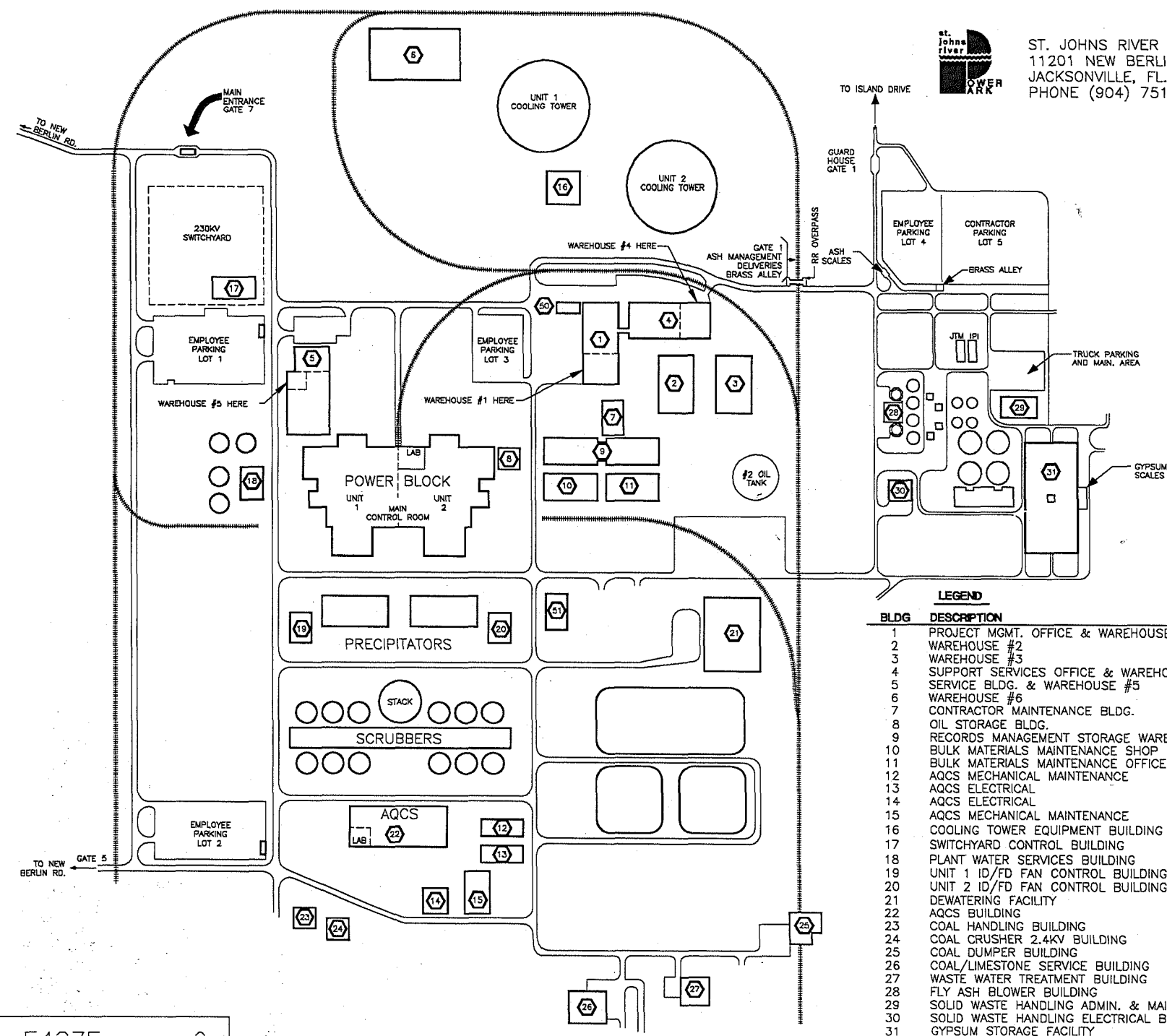
- 1 - warehouse
- 2 - shop
- 3 - white tank - service water, grey tank - condensate 600K gallons
- 4 - Unit 1 top of boiler (ground elev is 18')
- 5 - Looking @ U2
- 6 - Precip
- 7 - Cooling towers
- 8 - Landfill cell #1 + #3
- 9 - LtoB ammonia tanks, condensate tanks, raw water tanks
- 10 - U1 precip A (2 precp per unit)
- 11 - Tripper Room
- 12 - " "
- 13 - U1 A + B precp
- 14 - U1 scrubber
- 15 - U1 coal silos
- 16 - Air heater motors
- 17 - Coal feeders
- 18 - Turbine hall
- 19 - U1 nameplate
- 20 - ~~U1~~ BFP (2 per unit)
- 21 - U2 nameplate
- 22 - Pulverizers (7 per unit)
- 23 - ~~U1~~ startup x-former (2 total)
- 24 - U1 aux (2 per unit, 4 total)



- 25 - UI GSM (1 per 4 + 1 spare = 3 total)
Circ pumps 3000-hp motors
- ~~25 - ~~System technologies owned equip & facilities~~
~~Not owned by FPL~~~~
- 26 - Ash handling equipment
- 27 - Dewatering bins
- 28 - Vehicle shop
- 29 - Gypsum storage
- 30 - " "
- 31 - Ash dewatering
- 32 - Looking from ash handling area
- 33 - Abandoned #2 oil tank
- 34 - Gypsum dewatering bldg
- 35 - Fan variable speed switchgear bldg
- 36 - ID fan x-formers
- 37 - JO " "
- 38 - FO " "
- 39 - Scrubber re-slurry tank
- 40 - Scrubber
- 41 - " "
- 42 - Slurry prep bldg
- 43 - Limestone handling
- 44 - Coal handling
- 45 - " "
- 46 - Limestone bins & scrubbers
- 47 - Scrubbers
- 48 - Deep well
- 49 - Chlorine storage bldg
- 50 - AACS Bldg
- 51 - Coal yard admin bldg
- 52 - WW treatment
- 53 - Slake lime + clarifiers
- 54 - Coal dumper



ST. JOHNS RIVER POWER PARK
 11201 NEW BERLIN ROAD
 JACKSONVILLE, FL. 32226
 PHONE (904) 751-7700



LEGEND

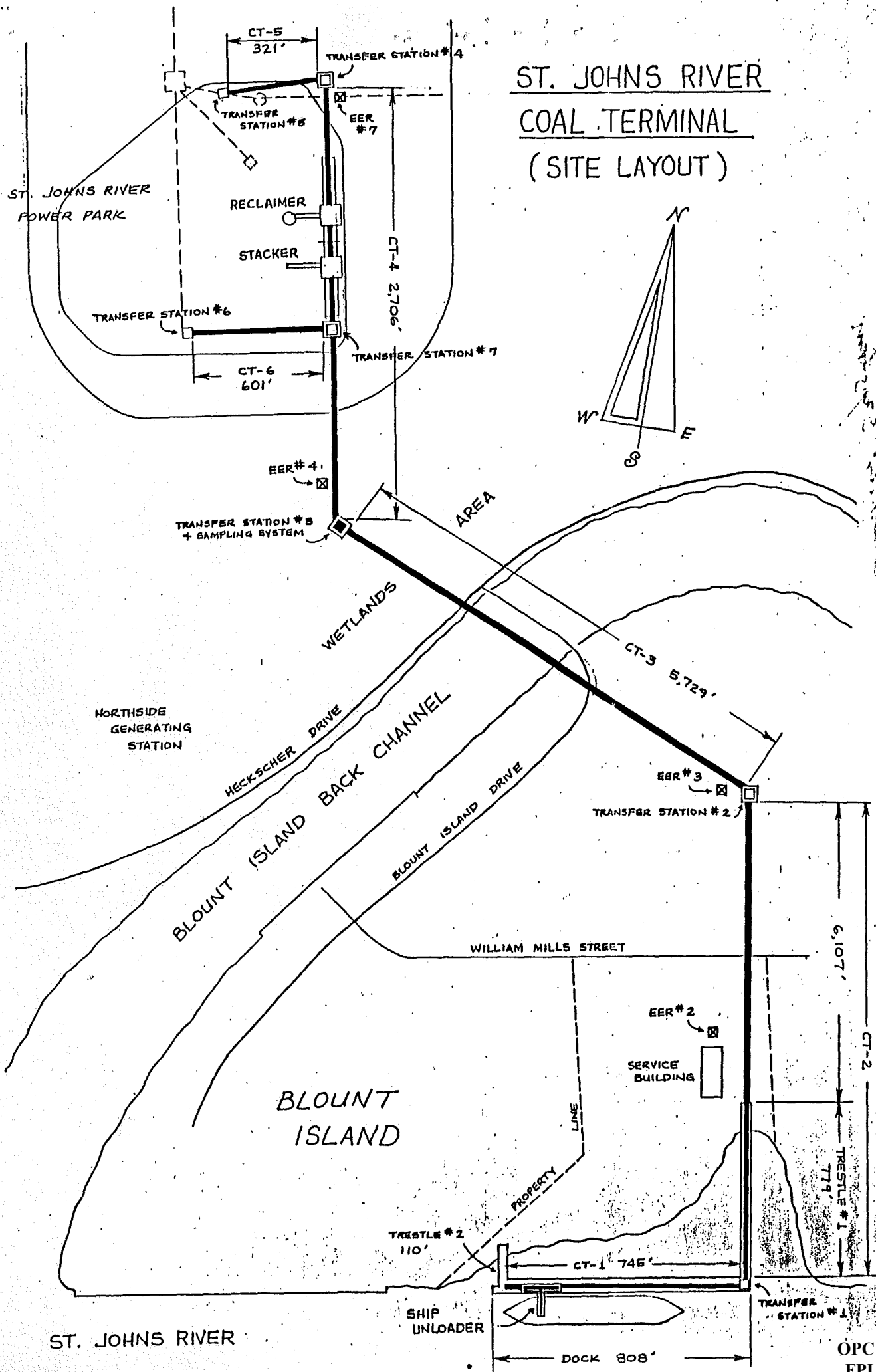
BLDG	DESCRIPTION
1	PROJECT MGMT. OFFICE & WAREHOUSE #1
2	WAREHOUSE #2
3	WAREHOUSE #3
4	SUPPORT SERVICES OFFICE & WAREHOUSE #4
5	SERVICE BLDG. & WAREHOUSE #5
6	WAREHOUSE #6
7	CONTRACTOR MAINTENANCE BLDG.
8	OIL STORAGE BLDG.
9	RECORDS MANAGEMENT STORAGE WAREHOUSE
10	BULK MATERIALS MAINTENANCE SHOP
11	BULK MATERIALS MAINTENANCE OFFICE
12	AQQS MECHANICAL MAINTENANCE
13	AQQS ELECTRICAL
14	AQQS ELECTRICAL
15	AQQS MECHANICAL MAINTENANCE
16	COOLING TOWER EQUIPMENT BUILDING
17	SWITCHYARD CONTROL BUILDING
18	PLANT WATER SERVICES BUILDING
19	UNIT 1 ID/FD FAN CONTROL BUILDING
20	UNIT 2 ID/FD FAN CONTROL BUILDING
21	DEWATERING FACILITY
22	AQQS BUILDING
23	COAL HANDLING BUILDING
24	COAL CRUSHER 2.4KV BUILDING
25	COAL DUMPER BUILDING
26	COAL/LIMESTONE SERVICE BUILDING
27	WASTE WATER TREATMENT BUILDING
28	FLY ASH BLOWER BUILDING
29	SOLID WASTE HANDLING ADMIN. & MAINT. BLDG
30	SOLID WASTE HANDLING ELECTRICAL BLDG.
31	GYPSUM STORAGE FACILITY
50	PROJECT MANAGEMENT CONFERENCE ROOM
51	RESEARCH COTTRELL FIELD OFFICE

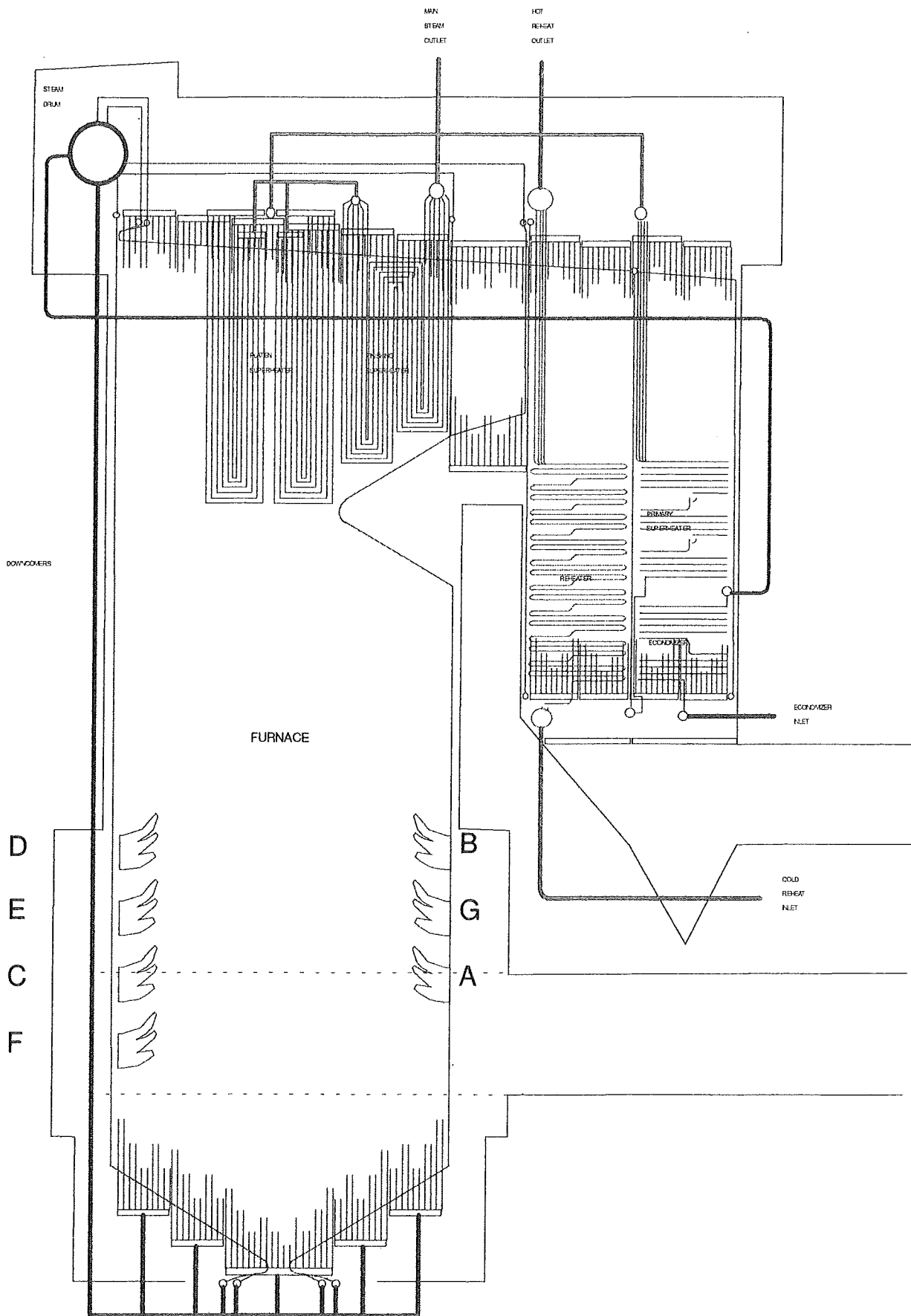
PPEDRDS 54375 REV 0
 PD 9200 DATE 12/03/90

NOTE: NOT TO SCALE

OPC 006088
 FPL RC-16

ST. JOHNS RIVER COAL TERMINAL (SITE LAYOUT)





D
 E
 C
 F

B
 G
 A