

ORIGINAL

050381-E1

Gulf Power Company Dismantling Study

**At
December 31, 2005**

Volume 2



DOCUMENT NUMBER-DATE

05271 MAY 31 08

FPSC-COMMISSION CLERK

**GULF POWER COMPANY
FOSSIL PANT DISMANTLING
COST STUDY**

Volume 2

Estimator

**Jennifer P. Taylor
Project Support Engineer**

Southern Company Generation

GULF POWER COMPANY FOSSIL PLANT DISMANTLING STUDY

Volume 2 Contents

- Plant Daniel
Summary of 2002 Update
- Plant Scherer Unit 3 and Common Facilities
Summary of 2002 Update

GULF POWER COMPANY FOSSIL PLANT DISMANTLING STUDY

Plant Daniel

Summary of 2005 Update

The basis of the 2005 update to the Plant Daniel Dismantling Cost Study is the study prepared in August 1993 and the 2002 update for the subject plant. For the update, the following changes have been addressed:

- Escalation of the base data from December 2002 constant Dollars to December 2005 constant dollars.

A table showing the cost calculations and resulting total is shown on the next page.

**GULF POWER COMPANY
FOSSIL PLANT DISMANTLING STUDY**

Summary Level Update for Gulf Power

Plant Daniel

	Unit 1	Unit 2	Common	Total
December 2002 Study	\$ 8,393,000	\$ 8,500,000	\$ 19,255,000	\$ 36,148,000
Escalation to 12/05 Dollars 9% Increase	\$ 755,370	\$ 765,000	\$ 1,732,950	\$ 3,253,320
Revised Dismantling Cost	\$ 9,148,370	\$ 9,265,000	\$ 20,987,950	\$ 39,401,320
Use (December 2005)	\$ 9,148,000	\$ 9,265,000	\$ 20,988,000	\$ 39,401,000

Cost to Dismantle at Gulf Power Company Ownership

	Unit 1	Unit 2	Common	Total
Ownership Percentage	50%	50%	50%	50%
Cost at Ownership	\$ 4,574,000	\$ 4,632,500	\$ 10,494,000	\$ 19,700,500

MISSISSIPPI POWER COMPANY

**FOSSIL PLANT AND COMBINE CYCLE PLANT
DISMANTLING**

COST STUDY AS OF JANUARY 1, 2003

**Rev. 1
April 9, 2003**

This Study and Projection Prepared By

**Richard Jacobs
Lead Estimator**

**Jennifer Taylor
Support Engineer**

CONTENTS

Page

1.0	Scope of Project	1
2.0	Summary	2
2.1	Units in Detailed Study.....	2
2.2	Summary Reconciliation.....	4
3.0	Assumptions.....	6
3.1	General Conditions	6
3.2	Dismantle/Disposal	6
3.3	Environmental.....	7
4.0	Plant Descriptions	9
4.1	Daniel 1&2.....	9
4.2	Daniel 3&4.....	9
4.3	Sweatt.....	10
4.4	Eaton	10
4.5	Watson	11
4.6	Greene County	12
4.7	Chevron	12
5.0	Essential and Non-Essential Systems	13
5.1	Essential Systems.....	13
5.2	Non-Essential Systems.....	13
6.0	Dismantling Sequence	15
6.1	Fossil Fuel.....	15
6.2	Combine Cycle.....	16
7.0	Cost Basis.....	17
7.1	Scope Definition	17
7.2	Constant Dollar Basis	17
7.3	Unit Pricing.....	18
7.4	Discussion of Terms	18
7.5	Discussion of Overhead Costs	18
7.6	Discussion of Recoverable Costs.....	20
7.7	Contingency	21
7.8	Computerized Cost Systems	21
7.9	Supplementary Resources	22
8.0	Cost Reports	
8.1	Plant Summary Reports (by unit)	
8.2	Summary Level Reports (by removal, disposal, and scrap)	
8.3	Detail Level Reports (by unit)	

1.0 SCOPE OF PROJECT

The purpose of this study was to prepare cost estimates for work at the sites following the decommissioning of Mississippi Power Company's (MPC) fossil-fueled and combined cycle power plants. The units under consideration were Daniel Units 1 through 4, Sweatt Units 1 and 2, Eaton Units 1 through 3, Watson Units 1 through 5, Greene County Units 1 and 2, and Chevron Units 1 through 5. This study was prepared by Engineering and Construction Services (ECS) to support the ECS Depreciation Accounting study for MPC. The resulting studies should provide the owner a quality estimate to budget for future dismantling work at the plants. A general definition of the tasks assumed in the preparation of this estimate was:

The dismantling and disposal of all buildings, structures, equipment, tanks and stacks which would not have a useful purpose in the preparation of the site for the construction of new generation facilities. Structures linked directly to waterways will be removed or capped and the area returned to a natural contour, other areas will have covers of topsoil over base slabs with allowances for ground water drainage. Original contours will not necessarily be restored in these inland areas. Dismantling will be, typically, a controlled removal process and not an explosive or wrecking ball process due to structural and safety considerations. Explosive processes may be used on stacks, natural draft cooling towers, base slabs, and other suitable applications.

All material with a scrap value will be removed and sold with resulting credits to the job. Non-scraped material will be buried as fill on site when possible; otherwise, it will be transported to a dumpsite. Careful consideration is made in the removal and disposal of hazardous waste. Environmental material will be removed by others. Environmental department will be notified and alerted to this situation. Environmental dismantlement cost is not included in this estimate.

Lastly, this study does not assume an immediate replacement of generation capacity at these sites, but does not preclude future use of the site for that purpose.

This study includes a detailed estimate of the direct cost of dismantling and disposing of facilities, scrap credits, owner supervision and engineering, liability and worker's compensation insurance and applicable MPC indirect costs. A summary of these estimates can be found in Section 2. Further scope assumptions can be found in Section 3. Data about the detailed estimates are in Section 8.1, 8.2, and 8.3.

Since the origination of this dismantlement study, Daniel Units 3 and 4 have been added to the system. Therefore the units have been added to this study.

2.0 SUMMARY

The total cost for the scope of the dismantling project as described in Section 3-7 in January 1, 2003 constant dollars is as follows

2.1 Units in Detailed Study (C.O. Year and MW rating is given for each unit).

Sweatt

Unit 1 (1951) 40 MW	\$	2,040,000
Unit 2 (1953) 40 MW	\$	2,014,000
Common	\$	1,778,000
CT (1971) 39.4MW	\$	<u>163,538</u>
Total	\$	5,995,538

Eaton

Unit 1 (1945) 22.5 MW	\$	1,370,000
Unit 2 (1947) 22.5 MW	\$	1,212,000
Unit 3 (1949) 22.5 MW	\$	1,383,000
Common	\$	<u>2,593,000</u>
Total	\$	6,558,000

Watson

Unit 1 (1957) 75 MW	\$	2,383,000
Unit 2 (1960) 75 MW	\$	1,969,000
Unit 3 (1962) 112 MW	\$	2,591,000
Unit 4 (1968) 250 MW	\$	5,970,000
Unit 5 (1973) 500 MW	\$	8,725,000
Common	\$	23,385,000
CT (1970) 39.36MW	\$	<u>163,538</u>
Total	\$	45,186,538

Chevron

CT 1 (1967) 18.18 MW	\$	145,438
CT 2 (1967) 18.18 MW	\$	145,438
CT 3 (1971) 18.18 MW	\$	204,291
CT 4 (1971) 18.18 MW	\$	204,291
CT 5 (1994) 70.755 MW	\$	<u>769,530</u>
Total	\$	1,468,988

Daniel 3&4 (Combined Cycle)

Unit 3 (2001) 536 MW	\$	2,758,000
Unit 4 (2001) 536 MW	\$	2,657,000
Common	\$	<u>1,462,000</u>
Total	\$	6,878,000

<u>Daniel 1&2</u>	<u>Total Cost</u>	<u>MS Portion 50%</u>
Unit 1 (1977) 500 MW	\$ 8,393,000	\$ 4,196,500
Unit 2 (1981) 500 MW	\$ 8,500,000	\$ 4,250,000
Common	\$ 19,255,000	\$ 9,627,500
Total	\$ 36,148,000	\$ 18,074,000
<u>Greene County</u>	<u>Total Cost</u>	<u>MS Portion 40%</u>
Unit 1 (1965) 250 MW	\$ 8,874,000	\$ 3,549,600
Unit 2 (1966) 250 MW	\$ 8,989,000	\$ 3,595,600
Common	\$ 20,375,000	\$ 8,150,000
Total	\$ 38,238,000	\$ 15,295,200

TOTAL UNITS as of JAN. 1, 2003

\$ 99,456,264

2.2 Summary Reconciliation of 2000 Study to 2003 Update

	2000 Study 1/1/1999	2003 Study 1/1/2003	Increase/ (Decrease)
Daniel 1&2			
Unit 1	\$ 3,846,000	\$ 4,196,500	\$ 350,500
Unit 2	\$ 3,915,000	\$ 4,250,000	\$ 335,000
Common	<u>\$ 9,632,000</u>	<u>\$ 9,627,500</u>	<u>\$ (4,500)</u>
Total Daniel 1&2	\$ 17,393,000	\$ 18,074,000	\$ 681,000
Eaton			
Unit 1	\$ 1,313,000	\$ 1,370,000	\$ 57,000
Unit 2	\$ 1,164,000	\$ 1,212,000	\$ 48,000
Unit 3	\$ 1,326,000	\$ 1,383,000	\$ 57,000
Common	<u>\$ 2,352,000</u>	<u>\$ 2,593,000</u>	<u>\$ 241,000</u>
Total Eaton	\$ 6,155,000	\$ 6,558,000	\$ 403,000
Sweatt			
Unit 1	\$ 1,874,000	\$ 2,040,000	\$ 166,000
Unit 2	\$ 1,857,000	\$ 2,014,000	\$ 157,000
Common	\$ 1,593,000	\$ 1,778,000	\$ 185,000
CT	<u>\$ 154,500</u>	<u>\$ 163,538</u>	<u>\$ 9,038</u>
Total Sweatt	\$ 5,478,500	\$ 5,995,538	\$ 517,038
Watson			
Unit 1	\$ 2,200,000	\$ 2,383,000	\$ 183,000
Unit 2	\$ 1,820,000	\$ 1,969,000	\$ 149,000
Unit 3	\$ 2,368,000	\$ 2,591,000	\$ 223,000
Unit 4	\$ 5,371,000	\$ 5,970,000	\$ 599,000
Unit 5	\$ 7,820,000	\$ 8,725,000	\$ 905,000
Common	\$ 22,040,000	\$ 23,385,000	\$ 1,345,000
CT	<u>\$ 154,500</u>	<u>\$ 163,538</u>	<u>\$ 9,038</u>
Total Watson	\$ 41,773,500	\$ 45,154,538	\$ 3,413,038
Greene County			
Unit 1	\$ 3,143,676	\$ 3,549,600	\$ 405,924
Unit 2	\$ 3,143,676	\$ 3,595,600	\$ 451,924
Common	<u>\$ 7,453,141</u>	<u>\$ 8,150,000</u>	<u>\$ 696,859</u>
Total Greene County	\$ 13,740,493	\$ 15,295,200	\$ 1,554,707
Chevron			
Unit 1	\$ 137,400	\$ 145,438	\$ 8,038
Unit 2	\$ 137,400	\$ 145,438	\$ 8,038
Unit 3	\$ 193,000	\$ 204,291	\$ 11,291
Unit 4	\$ 193,000	\$ 204,291	\$ 11,291

	2000 Study 1/1/1999	2003 Study 1/1/2003	Increase/ (Decrease)
Unit 5	\$ 727,000	\$ 769,530	\$ 42,530
Total Chevron	\$ 1,387,800	\$ 1,468,988	\$ 81,188

TOTAL Fossil Fuel PLANT \$ 85,928,293 \$ 92,578,264 \$ 6,649,971

Daniel 3&4 (Combine Cycle)

Unit 3	\$ 2,758,000	\$ 2,758,000
Unit 4	\$ 2,657,000	\$ 2,657,000
Common	\$ 1,462,000	\$ 1,462,000
Total Daniel 3&4	\$ 6,878,000	\$ 6,878,000

TOTAL ALL PLANTS \$ 85,928,293 \$ 99,456,264 \$ 13,527,971

3.0 ASSUMPTIONS

3.1 General Conditions

- 1. All demolition/dismantling is estimated on a unit and common facility basis without assuming the operation is continuous at any site.**
- 2. All dismantling work is in compliance with OSHA requirements.**
- 3. The scope of reclamation is in compliance with EPA, Corps of Engineers, and State of Mississippi agencies (Department of Environmental Quality and others) based on July 1993 regulation.**
- 4. All warehouses stores and furniture will be removed at the beginning of the dismantling operation. Their removal is not included in this estimate.**
- 5. A minimal security force and plant staff is maintained during dismantling.**
- 6. The estimate does not reflect land value or its sale. Ownership of all land remains with Mississippi Power.**
- 7. All costs of common facilities will be estimated separately.**
- 8. Rail access for removal of scrap is available at Daniel, Greene County, and Chevron. Barge access is available at Plant Watson.**
- 9. Scrap material will be in transportable sizes. The cost of removal from a site storage area will not exceed the value of the material, unless it is a hazardous material.**
- 10. No landscaping other than grassing, grading, and site drainage is included. Upon completion, the site will have been graded to eliminate point sources of water.**
- 11. The removal of the switchyard is not included in this estimate.**

3.2 Dismantle/Disposal

- 1. The Asset Recovery Group is responsible for removing the Combustion Turbines (CTs). The cost of removal is not included in this estimate/study.**
- 2. All structures will be removed to grade elevation. All power generating equipment will be removed and/or sold prior to dismantlement.**
- 3. All solid, non-combustible, non-hazardous, nontoxic material that is not sold for scrap will be used as fill and deposited onsite where possible; otherwise, it will be hauled to a dump. Below-grade pits will be filled with demolished material. All are subjected to possible permit requirements of Mississippi Department of Environmental Quality.**
- 4. Structural steel will be sold as scrap.**

5. Powerhouse building foundations will be control blasted to break concrete in-place to provide ground water drainage.
6. Other foundations of demolished structures will be blasted to provide drainage or removed and the void filled to grade.
7. The chimneys will be blasted to the ground. The liners, if present, will be dismantled and sold as scrap. The chimney foundations will be blasted to provide drainage and rubble deposited on-site.
8. Circulating water passages and piping will be excavated and collapsed if concrete, excavated and disposal of if other material.
9. Other underground piping and duct runs will be abandoned in place. Underground tanks will be removed and disposed according to current regulations.
10. Intake and discharge structures will be removed to 5' below ground level and restored to appropriate contour.
11. Soils for fill not obtainable onsite will be purchased offsite and trucked in.
12. Piping will be sold as scrap.
13. Equipment will have no salvage value; only scrap value of the metals. Transfer of equipment will occur prior to dismantlement and is not included as part of this study.
14. Electrical cable (copper) will be sold as scrap if size 1/0 AWG and larger.
15. Except to separate nonferrous and alloy materials, all piping, conduit, and cable tray will be removed in the most cost-effective manner. They will be sold as scrap.
16. Excess concrete rubble can be used as breakwaters in the sounds/bays or as fishing reef in the Gulf of Mexico or landfill.
17. Boundary fencing will not be removed.
18. Roads, railroads, and parking lots will not be removed.
19. Interim removals are not estimated in this study, only those facilities that are predicted to be in place at the time of dismantlement.

3.3 Environmental

1. An assessment will be performed to identify regulated hazardous and toxic materials which will be handled and disposed of according to applicable current federal and state regulations. This includes asbestos, PCB's, residual chemicals, and any soils

assessed as being contaminated. Cost of removal of the hazardous material is not included in this estimate.

2. Nuclear detectors, if any are present, will be removed and properly disposed.
3. Plant Watson ash pond area will be dewatered and closed in accordance with federal and state regulations.
4. All coal, except unrecoverable base, in the storage area will be burned before dismantlement occurs. Unrecoverable base coal will be removed to the ash storage area.
5. The Plant Daniel bottom ash pond will be dewatered and closed in accordance with federal and state regulations. The dry ash storage area (90 acres at dismantlement) will also be closed in accordance with federal and state regulations.
6. PCB-contaminated will be assessed and handled according to applicable current federal and state regulations. This includes any soils assessed as being contaminated. Cost for the removal of the contaminant is not included in this estimate/study.
7. All fuel oil, acid, anhydrous ammonia, caustic and demineralizer tanks will be emptied and the material disposed and closure assessments conducted according to current regulations. This disposal will be before the dismantling contractor begins work and is not included in this estimate.
8. No post-dismantling site monitoring is included in this estimate.
9. Mississippi Powers Environmental Quality Department Personnel, Eddie Holt, was consulted on the issues of ashponds. We have accounted for the additional equipment that he recommends adding to the study on Plant Daniel and Plant Watson. The equipment added to Plant Daniel was a lined Chemical Cleaning Basin, lined Neutralization Basins, and an unlined Coal Pile Runoff Pond. The equipment added to Plant Watson was unlined Oil Skimmer Pond, lined Chemical Cleaning Basins, unlined Coal Pile Runoff Pond, and concrete Neutralization Basin.

4.0 PLANT DESCRIPTIONS

4.1 Daniel 1&2

Plant Daniel is a two-unit, coal-fired generating plant located near Escatawpa, Mississippi on a 2657-acre site. The plant uses lighter oil for ignition only, not capable of full load firing on oil. The station is jointly owned by Mississippi Power Company and Gulf Power Company, with each holding a fifty percent (50%) share.

The first unit has a name plate rating 500 MW and was completed in September 1977. The second unit also has a name plate rating of 500 MW and was completed in June 1981. Both units have Westinghouse turbine generators.

The boilers are 2400 psi units manufactured by Combustion Engineering and are rated at 3,611,242 pounds of steam per hour each. Air quality control is achieved using electrostatic precipitators and single 500-foot stack. The boilerhouses are open without siding.

Cooling water is provided by a government owned lake and MPC owned intake and discharge canals. West of the powerhouse is the coal yard, tractor garage, coal unloading and handling facilities (conveyors, crusher houses, etc.). A rail loop facilitates train delivery of coal. Upon completion of the ash collection and storage modification, there will be a 25-acre bottom ash pond with clay and synthetic liner and a dry ash storage area with a 36" liner of clay and filter material (90 acres to be capped upon dismantlement). Auxiliary ash facilities include a transfer tank at the powerhouse and two concrete silos north of the tractor garage. The service building is on the north end of Unit 1. East of the turbine rooms are the 230 and 500 kV switchyards.

Other outdoor structures include the demineralizer building, condensate storage tanks, filtered water storage tanks, fire protection tanks and pump house, lighter oil storage tanks and pumps, waste water treatment facilities, engine generator house, air compressor building, and startup boiler. There is a single underground petroleum storage tank that meets current regulations.

4.2 Daniel 3&4

Plant Daniel 3 & 4 is a two unit, gas fired combined cycle plant located on the Daniel 1 & 2 site. Both units are rated at 536 MW and were completed in 2001. Both units have GE 7FA CTs, GE Steam Turbines and Vogt HRSGs. The throttle pressures of the units are 1815 psig at 1050 degree F. Air quality is attained with DLN Burners and SCRs. The plant is totally (100%) owned by Mississippi Power Company.

Condenser cooling is cooled with two, 10 unit mechanical draft cooling towers. Makeup water comes from unit 1 and 2 sources. Other facilities include Electrical Building, a Control Building, Condensate Tanks, Water house Chemical Addition Skids, Hydrogen and Co2 Skids, and Oil Water Separator.

4.3

Sweatt

Plant Sweatt is a two unit oil- and gas-fired generating plant near Meridian, Mississippi, on a 536-acre site. The plant is totally owned by Mississippi Power Company.

Each unit has a nameplate rating of 40 MW. The first unit was completed in May 1951 and the second unit in June 1953. Both have General Electric turbine generators.

The boilers are 850 psi units manufactured by Babcock & Wilcox and are rated at 425,000 pounds of steam per hour each. Air quality control is achieved utilizing a single brick stack with dual liners. The boilerhouses are enclosed with asbestos siding.

Condenser water is cooled with a two unit mechanical draft cooling tower on the west side of the powerhouse. Makeup water is provided by on-site wells. On the east side is the 115 kV switchyard. On the north end of the units is the service building which includes office and shop space.

On the north end of the site are two fuel oil storage tanks (one at 20,000 barrels, one at 61,000 barrels), a lighter oil storage tank, and the pump and heater house. Coming in from the west to a meter house north of the units is the natural gas pipeline.

Other outdoor facilities include a condensate storage tank, demineralizer tanks and house, fire protection storage tank and house, and the air compressor building.

There is no longer a rail spur on the plant site.

Also on site is a 39.4 MW combustion turbine which is fired by gas and oil.

4.4

Eaton

Plant Eaton is a three unit oil- and gas-fired generating plant locate near Hattiesburg, Mississippi, on a 140 acre site. The plant is totally owned by Mississippi Power Company.

Each unit has a nameplate rating 22.5 MW. The first unit was completed in March 1945, the second in July 1947, and the third in August 1949. Units one and two have General Electric turbine generators, while unit three was manufactured by Westinghouse.

The boilers are 850 psi units manufactured by Riley and are rated at 230,000 pounds of steam per hour each. Air quality control is achieved utilizing two brick stack, one serving the first two units and one for unit three. The boilerhouses are enclosed brick.

A once-through system of cooling water drawing from the Leaf River provides condenser cooling. Included are an intake structure, a crane for dredging, a concrete and earth retaining wall above a concrete paved river embankment surrounds the plant for flood protection. Each of the powerhouses are the 115 kV switchyard; north is the service building.

Also north of the power house is the fuel oil storage tank (61,000 barrels), lighter oil storage tank, pumps, and heaters. Northwest is the metering station for the natural gas supply.

Other outdoor facilities include the fire protection storage tank and house; well pump house, demineralizer, and acid storage tank.

Most of the railroad spur serving the site has been removed.

4.5 Watson

Plant Watson is a five-unit generation station near Gulfport, Mississippi, on an 800-acre site. Units 1, 2, and 3 are oil- and gas-fired; Unit 4 is capable of firing gas, oil, or coal; and Unit 5 is a coal- and gas-fired. The plant is wholly owned by Mississippi Power Company.

The first and second units each have a nameplate rating of 75 MW and were completed in June 1957 and May 1960, respectively. The third unit is 112 MW and was completed in June 1962. Unit 4 has a rating of 250 MW and was completed in July 1968, while Unit 5 is rated at 500 MW and was complete in May 1973. All units at the site have General Electric turbine generators.

The Units 1 and 2 boilers are 1800 psi units manufactured by Combustion Engineering and are rated at 582,000 pounds of steam per hour each. Unit 3 is also an 1800 psi unit by Combustion Engineering and it produces 765,000 pounds of steam per hour. The boiler on Unit 4 is a 2400 psi unit by Riley that produces 1,779,000 pounds of steam per hour. Lastly, Unit 5 is a 2400 psi unit by Foster Wheeler capable of 3,619,491 pounds of steam per hour. Unit 1, 2, and 3 each have ductwork leading to a short stack on their respective roofs. Air quality control is achieved on Units 4 and 5 using precipitators and masonry lined stacks for each unit. The Units 1-4 boilerhouses are enclosed and Unit 5 is open.

Circulating cooling water for Units 1-4 is provided utilizing once through cooling. In the discharge canal is a sprinkler system to cool the outflow prior to return to the source. Unit 5 is a closed loop cooled plant with a main mechanical draft cooling tower and a helper tower of the same type.

West of the powerhouse is the coal yard, barge unloader at the intake canal, tractor garage, coal handling service building, and conveyors for unloading, stockout, reclaim, and transport to the boilerhouse. On-site are three oil storage tanks, one 100,000 barrel and one 35,000 barrel tanks northeast of the powerhouse and one 35,000 barrel tank east of the units. The natural gas delivery station is at the south corner of the Unit 1 boilerhouse.

The ash storage basin is on the southeast side of the powerhouse. Northwest is the 115 and 230 kV switchyard. At the end of Unit 5 are the storage and maintenance building and the warehouse.

Other outdoor facilities include the switchgear house, fire protection storage tank and pump house, chlorine house, and various sumps and basins. Also there is a demineralizer building with three condensate storage tanks, two caustic storage tanks, and two acid storage tanks.

Also on site is a 39.36 MW combustion turbine which is fired by gas and oil.

4.6 Greene County

Plant Greene County is a two-unit, coal-fired generating plant located near Demopolis, Alabama. The station is jointly owned by Mississippi Power Company and Alabama Power Company, with Mississippi owning 40 percent and Alabama owning 60 percent.

The first unit has a nameplate rating of 250 MW and was completed in May 1965. The second unit has a nameplate rating of 250 MW and was completed in April 1966. Both units have General Electric turbine generators.

The boilers are 2400 psi units. The first unit was supplied by Babcock & Wilcox and the second unit was supply by Riley. Unit 1 is rated 1,750,000 pounds of steam per hour and Unit 2 is rated 1,800,000 pounds of steam per hour. Air quality is achieved using electrostatic precipitators and a single stack. The boilerhouses are enclosed.

Cooling water is provided from the Warrior River with once through cooling. West of the powerhouse is the coal yard, coal unloading, and handling facilities. Barges deliver coal to the plant. East of the turbine rooms are the 115 and 230 kV switchyards.

Other structures include the demineralizer building, condensate storage tanks, fire protection tanks and pump house, waste treatment facilities, air compressor building, warehouse, construction office, and heavy equipment garage.

4.7 Chevron

Chevron is a five-unit, gas-fired combustion turbine cogeneration plant near Pascagoula, Mississippi. The plant supplies process steam and power to the Chevron Refinery and any excess power is available for dispatch. Units 1 and 2 are nameplate rated at 18.18 MW and were installed in 1967. Units 3 and 4 are also 18.18 MW each and were installed in 1971. Units 1-4 were manufactured by General Electric. Unit 5 is rated at 70.755 MW, was installed in 1994, and was manufactured by ABB.

Two water plants supply demineralized water for the boilers. A service building and several warehouses are located on the site. The units are attached to the 115 kV transmission lines through switchyards located near the units.

5.0 ESSENTIAL AND NON-ESSENTIAL SYSTEMS

5.1 Essential Systems

1. A fire protection system shall be left operational for safety purposes and to meet insurance requirements. Whether this is met through the existing plant system or an external system is left to a more near term cost/benefit decision. Chemical fire extinguishers will be available after start of fire protection system removal. The underground Fire Protection System will be left operational as long as possible.
2. Temporary lighting will be installed to prevent the chance of cross-feeding in the electrical circuits.
3. Control room heating, lighting, and power will remain operational until removal of fire protection systems.

5.2 Non-Essential Systems

Non-essential systems will be removed as required before HRSG removal. Initially these systems will be removed before HRSG removal begins.

- High Pressure Steam
- High and Low Pressure Extractions
- Boiler Feedwater
- Condensate
- Heat Drips
- Auxiliary Steam
- Circulating Water
- Plant Cooling Water
- Water Pretreatment
- Makeup Water Supply and Storage
- Air Preheat Water
- Fuel Oil Storage Supply
- Boiler Igniter System
- Ash Water Supply
- Heater Vents and Drains
- Condenser Air Extraction
- Extraction Traps and Drains
- Turbine Seals and Drains
- Turbine Lube Oil
- Generator Miscellaneous Piping, Miscellaneous Lube/Hydraulic Oil
- Chemical Feed
- Sampling and Analysis
- Bearing Cooling
- Air Heater Wash Water
- Combustion Turbine

These systems may be removed any time prior to HRSG steel removal

- **Bottom Ash Handling and Auxiliaries**
- **Economizer Fly Ash Handling**
- **Boiler Vents and Drains**
- **Steam Generator Sootblowing**
- **Boiler Forced Air**
- **Boiler Flue Gas**
- **Fly Ash Storage**
- **Coal Burner Supply**
- **Stack and SCR**
- **MCCs, Switchgear and Controls**

6.0 DISMANTLING SEQUENCE

Phased Dismantling Sequence of Non-Common Areas

6.1 Fossil Fueled Power Plants

This is an engineered sequence of events.

- 1. Burn all coal in bunkers and fuels and oils.**
- 2. Removal of all personal property and furnishing is outside the scope of demolition and scraping.**
- 3. Cap or bypass common facilities essential to operations of other units.**
- 4. Drain all tanks.**
- 5. Deactivate power supply to equipment not required for demolition.**
- 6. Remove all asbestos insulation from piping and equipment.**
- 7. Beginning at base slab, remove all mechanical equipment and associated piping.**
 - A. Boiler feed pumps**
 - B. Coal pulverizers and feeders.**
 - C. Bottom ash handling equipment and auxiliaries**
 - D. Forced draft fans**
- 8. Remove piping systems except fire protection and air supply.**
 - A. Main Steam**
 - B. Drains**
 - C. Bunker supply**
 - D. Sootblowers**
 - E. Coal hoppers and coal feeder piping**
- 9. Remove turbine generator, condenser, and non-essential electrical systems.**
- 10. Remove pedestal concrete**
- 11. Remove essential piping and electrical.**
- 12. Remove coal supply conveyor outside building.**
- 13. Remove chimney.**
- 14. Remove building siding and concrete to base slab.**

15. Pull down remaining powerhouse structure and boiler. Remove building structural steel, boiler, and other piping, equipment, and materials with grapple and hydraulic shears. Remove combustion turbine.

16. Fill below grade areas with soil.

17. Remove external structures associated with the unit such as conveyor and transfer houses and ductwork to stack.

18. Remove external structures associated with the unit such as conveyor and transfer houses and ductwork to stack.

19. Drill and blast base slab to allow ground water penetration.

6.2 Combined Cycle Power Plants

This is an engineered sequence of events.

1. Burn or remove all fuel and oils.
2. Removal of all personal property and furnishings is outside the scope of demolition and scrapping.
3. Drain all tanks.
4. Cap or bypass common facilities essential to operations of other units.
5. Deactivate power supply to equipment.
6. Beginning at base slab, remove all mechanical equipment and associated piping.
7. Remove piping systems except fire protection and air supply.
8. Remove turbine generator, condenser, and non-essential electrical systems.
9. Remove HRSG support steel that is structurally feasible.
10. Begin removal of HRSG, Stack, and ductwork.
11. Remove pedestal concrete
12. Remove essential piping and electrical.
13. Fill below grade areas with rubble, soil or other non-hazardous materials.
14. Remove external structures associated with the unit such as river intake and control/administration building.




7.0 COST BASIS

7.1 Scope Definition

Systems, quantities, and conversions to the appropriate units of measure for removal, disposal, and scrap were derived from a number of sources. They primarily included engineering drawings, purchase orders and associated engineering records, Continuing Property Record reports for each plant, the (fossil fuel) 500 MW cost models, combined cycle cost models, other dismantling cost estimates and contacts with Mississippi Power Company Power engineering and plant operation personnel.

Engineering drawings were the basis for quantity take-offs on all civil, structural, and site work quantities. Mechanical equipment and piping systems were identified using drawings and a selected number of piping systems were taken off. Other piping systems were quantified by factoring take-off quantities from other systems by building volumes. The same method was used in some cases to quantify other units when one unit was taken off. Other factors in addition to building volume were used in this case.

Purchase orders and other engineering records served to identify electrical systems, components, and weights. Factoring by megawatt size was used in some cases when portions of scope were not available. Most mechanical equipment weights were derived by review of engineering records.



The Continuing Property Record reports from each plant were a valuable source for checking for omissions to the estimate. The reports also helped define what facilities were to be considered common.


The 500 MW fossil cost model developed by ECS Cost and Schedule, Fossil and Hydro, was useful in the development of some mechanical equipment and piping quantities.

Other dismantling cost studies were used to determine the weights of pieces of equipment when the plant specific data could not be found.

The third party estimate was assembled by a Demolition Contractor (D.H. Griffin Wrecking Co., Inc.) that has worked for Southern Company. Their basis for cost was engineering drawings furnished by ECS Engineering and a site visit to Plant Dahlberg and Franklin. Information for the estimate was collected by interviewing Southern Power Personnel and a plant tour.

Differences in scope between units resulting from fuel firing types and dual capabilities have been addressed.

7.2 Constant Dollar Basis



All costs shown in this study are in January 1, 2003, constant dollars. Phasing of the units to be dismantled and application of escalation to the resulting schedule will be calculated by ECS Depreciation Accounting.

7.3 Unit Pricing

The estimate assumes that two primary contractors will be involved at each site, one for dismantling and one for site restoration. Pricing includes all contractor mobilization, equipment, overhead, and profit. Temporary services will be provided by Mississippi Power Company and are estimated separately (see Section 7.5).

Unit costs for removal are in general tied to cubic yards for concrete, tonnage for structural steel, by piece for different size ranges of equipment, by lump sum for the boiler, by pound for asbestos and by linear foot for piping. Unit cost estimates were derived from other dismantling studies (see Section 7.9, resource 3) with independent verification by a consultant (see Section 7.9, resource 7). Site specific adjustments were made as necessary.

Disposal unit costs typically are based on weights of materials. Any offsite disposal of non-hazardous waste was estimated at \$8.62/cubic yard for disposal including any tipping fees. Asbestos removal is presumed handled according to applicable federal and state regulations and removal is estimated at \$4.50/pound plus \$1.98/pound for disposal.

For derivation of scrap credit unit prices, see Section 7.6.

Site reclamation unit costs were derived from a survey of current and recent historical construction contracts around the Southern electric system. The hauling onsite of topsoil and clay is estimated at \$4.76/cubic yard. Any fill will come from on site fill.

7.4 Discussion of Terms

The following definitions of terms are applicable to this cost estimate:

- Dismantle – to take apart the generating unit into transportable parts.
- Disposal – movement of dismantled materials to onsite fill area, offsite dump, or to a laydown area onsite for removal by a salvage/scrap dealer.
- Essential system – those systems that must remain operational during dismantling activities until all units served by the system are retired or until the system is no longer needed for the dismantling process (i.e., control room, fire protection, and compressed air).
- Scrap – the amount that will be paid to the owner by a scrap dealer to pick up from laydown yard, and remove from the site, materials that have value due to their metal content.

7.5 Discussion of Overhead Cost

The following overhead cost percentages have been applied to the direct cost estimate of dismantling:

1. Mississippi Power engineering	1.0%
2. Administrative and general overhead	1.0%
3. Temporary construction services	2.0%
4. Wrap-up and all- risk insurance (contractor) Shown in Common	10.0% of bare labor 5.0% of total

The following indirects have been applied to the direct cost estimate of dismantling:

• Engineering	\$75.00/hr
• Project Manager	\$115.00/hr
• Construction Manager	\$100.00/hr
• Security	\$13.60/hr

The following estimates of indirect costs are also included:

A. Mississippi Power, power generation onsite supervision:

• Eaton	2 man-years
• Sweatt	2 manyears
• Watson	12 manyears
• Daniel 1&2	8 manyears
• Daniel 3&4	4 manyears
• Greene County	8 manyears
• Chevron	4 manyears

B. Security Services

- Same at each unit – 9man-years

C. ECS engineering (engineering support and records close-out)

• Eaton	1,000 man-hours
• Sweatt	1,000 man-hours
• Watson	2,000 man-hours
• Daniel 1&2	2,000 man-hours
• Daniel 3&4	1,000 man-hours
• Greene County	2,000 man-hours
• Chevron	1,000 man-hours

D. Cost of Permits

• Eaton	\$ 32,393
• Sweatt	\$ 32,393
• Watson	\$ 64,787
• Daniel 1&2	\$ 64,787
• Daniel 3&4	\$ 64,787
• Greene County	\$ 64,787
• Chevron	\$ 32,393

7.6 Discussion of Recoverable Costs

Scrap/Salvage Value

Salvage is based on current (January 1, 2003) available information.

Value of scrap was estimated from current market value published information. Recycler's World Website (www.recycle.net/price/metals.html) (dated 12/13/2002), a tool in the scrap industry standard for scrap prices was used in determining the price of scrap. It was assumed the scrap materials would be removed from their existing locations at the power plants and would be placed in a designated area on the plant site for the Purchaser or scrap dealer to remove. The values established in the Recycler's World Website (www.recycle.net/price/metals.html) are for ferrous scrap prepared to designated sizes. Adjustment must be made in the market value for the scrap dealer's work involved in loading, transporting to his yard, and his cost of preparing the scrap to designated size and rehandling the material for shipment.

For non-ferrous materials the price on Metal Prices.com (dated 12/12/2002) is for cleaned copper. The scrap dealer would have to load the copper wire, motors, etc., and take them to his yard operation. He would have to dismember the motors and strip the insulation to salvage the copper. The wire would have to have the insulation removed so the copper would be clean. The copper wire then would have to be packaged and loaded for shipment.

The adjustments to the pricing data as shown on both Recycler's World Website and Metal Prices.com could be significant.

1. Ferrous scrap – preparation costs could amount to \$20 to \$25 per gross ton.
2. Non-ferrous scrap -
 - A. Motors with copper could be valued for the copper content. It is assumed that 12% of the total weight of motors is copper.
 - B. Copper wire with insulation may be valued at \$0.73 per pound depending on the amount of insulation on the wire.
 - C. Bus bar which is clean copper would need an adjustment in the selling price for transporting and handling.

The ferrous scrap is estimated at a scrap value of \$85 per ton. In this estimate the net scrap value used is \$85 minus \$23 per ton preparation equals \$62 per gross ton. Non-ferrous scrap copper is estimated at an adjusted scrap value of \$0.73 per pound.

The salvage value of used equipment motors, turbine generators, etc., is generally considered to be minimal because the market for such used equipment is uncertain. For estimating purposes, no value was assumed.

7.7 Contingency

Contingency has been applied to this detailed conceptual estimate to cover uncertainty in the estimate. A contingency rate of 10% is applied to the total removal, disposal, scrap, and indirect cost estimates. The overall factor is comprised of a pricing contingency (5%) and a scope omission and error contingency (5%). The level of scope contingency was determined considering the conceptual nature of the estimate and the difficulty in obtaining quantity records on such old units. Pricing contingency should provide confidence that the estimate will not overrun due to pricing error.

7.8 Computerized Cost System

The estimate to dismantle these plants has been loaded onto the Cost Estimating and Tracking system database software to facilitate calculations and flexible report writing. The reports are rounded to the nearest thousand and reflect the "true" totals of the details. This may result in some report totals differing from manual tabulation or slightly varying from detail to summary schedules. Each plant has an assigned dataset. The basic value record includes:

1. FERC number
2. Retirement unit code
3. Group class number
4. Cost element
 - a. Unit number or common facility
 - b. Labor, material, or subcontract identifier
 - c. Removal, disposal, or scrap identifier
5. Schedule date
6. Estimated quantity
7. Estimated unit cost or unit credit (scrap)

The project structure includes the following hierarchy for summarizations report writing:

1. Total
2. FERC number
3. System Code of Account number
4. Sub-Code of Account number
5. FERC and Retirement Unit Code numbers
6. FERC.RUC and group class number

7.9 Supplementary Resources

The below listed resources have been used in the preparation of this dismantling cost study.

1. Continuing Property Record reports for each plant and unit under study. These were used to help score the items within the plant to help minimize omissions. They were provided by Mississippi Power Company.
2. The Retirement Unit Code Manual is the standard retirement coding manual for use in the Southern electric system.
3. Dismantling cost studies prepared by ECS for the other Southern Company operating companies were used to provide equipment weights where they were not available and to provide some unit removal costs where they were not available.
4. A site visit to each plant was taken prior to beginning of the original estimate. They were escorted by representatives from Mississippi Power Company.
5. A site visit to Plant Franklin was taken prior to beginning this estimate. The dismantling cost of Plant Daniel 3 and 4 is the same as Plant Franklin.
6. A Mississippi Power Company engineering representative was the interface contact with plant operations personnel for the original estimate.
7. In 2002, a contract with D.H. Griffin Wrecking Co., Inc., was let to cover their providing typical major removal unit pricing information and a review of the generic study assumptions.
8. The plant estimate design drawings was used for all civil and structural take-offs and a large number of mechanical quantities.
9. The study assumptions were reviewed and comments made by Mississippi Power Company Environmental Affairs and Power Generation Services personnel and ECS plant and Depreciation Accounting.
10. Plant equipment purchase orders and engineering records were used to scope equipment quantities and to find weights where possible for the original estimates.
11. The 500 MW Fossil Cost Models prepared by ECS Cost and Schedule, Fossil and Hydro provided some input to the mechanical scope.

Section 8.1

Plant Summary Reports (By Plant/Unit)

Daniel

Plant Summary Report

DECEMBER 2002\$ X 1000

FERC/COA	DESCRIPTION	UNIT 1	UNIT 2	COMMON	TOTAL
307	CONSTRUCTION CLEARING ACCTS				
0040	PRODUCTION COSTS				
0200	TEMPORARY SERVICES			720	720
0220	SAFETY & SECURITY FACILITIES			1,186	1,186
				350	350
307	FERC ACCOUNT TOTAL			2,255	2,255
308	ENGINEERING				
0240	ENGINEERING SCS			150	150
0260	ENGINEERING-OPERATING COMPANY			354	354
0380	CONSTRUCTION INSURANCE			1,444	1,444
308	FERC ACCOUNT TOTAL			1,948	1,948
309	OVERHEADS				
0480	GENERAL OVERHEAD			289	289
311	STRUCTURES & IMPROVEMENTS				
2020	INITIAL SITE PREPARATION			778	778
2040	SITE IMPROVEMENTS			10	10
2080	PONDS			4,821	4,821
2100	PERMANENT RAILROAD SYSTEM			304	304
2120	SITE FIRE PROTECTION SYSTEM			41	41
2300	TURBINE BLDG	1,037	936		1,973
2340	STEAM GENERATOR BLDG	1,685	1,606		3,290
2400	CONTROL ROOM			67	67
2500	MAINT. STORAGE HOUSE			284	284
2600	SERVICE BUILDING			500	500
2700	WATER TREATMENT BUILDING			235	235
2800	EMERGENCY GENERATOR BLDG			19	19
2840	PRECIPITATOR CONTROL HOUSE			176	176
2860	FIRE PROTECTION BLDG			34	34
2880	SERVICE WTR CNL DRINE HSE			18	18
2800	CIRC WATER CHLORINE HOUSE				
2920	SECURITY BLDG			14	14
3040	WASTE WATER CONTROL HOUSE			9	9
3080	FIRE PROTECTION TRANSFORMER HSE			1	1
3080	AIR COMPRESSOR HOUSE			41	41
3140	FUEL PUMP HOUSE			34	34
3300	SEWAGE TREATMENT FACILITY			2	2
3380	UTILITY PIPING TRENCH			181	181
3400	WASTE WATER TREATMENT SYSTEM			175	175
311	FERC ACCOUNT TOTAL	2,722	2,542	1,924	13,187
312	BOILER PLANT EQUIPMENT				

ERC/COA	DESCRIPTION	UNIT 1	UNIT 2	COMMON	TOTAL
12	BOILER PLANT EQUIPMENT				
4000	CONTAMINATION REMOVAL			3	3
4800	STEAM GENERATING SYSTEM				
4840	PULVERIZED COAL FIRING SYSTEM	911	911		1,822
4920	OIL HANDLING & FIRING SYSTEM	28	24		52
4960	LIGHTER OIL SYSTEM	(1)	(1)	506	504
5000	AUXILIARY BOILER	75	62	108	245
5040	DRAFT SYSTEM			58	58
5080	STACK	894	910		1,804
5240	COAL HANDLING SYSTEM			444	444
5280	COAL HANDLING SERVICE BLDG	397	580	1,050	2,027
5300	COAL HANDLING CONTROL HSE			147	147
5320	COAL HANDLING GARAGE			14	14
5340	COAL HANDLING SWITCHGEAR HSE				
5380	COAL HANDLING CRUSHER HSE	191	316	29	29
5440	COAL HANDLING TRANSFER POINTS	88	122		506
5820	FUEL HANDLING RAILROAD			754	754
5840	ASH HANDLING SYSTEM	3	3	491	508
5860	DRY ASH HANDLING SYSTEM	5	5	32	42
5700	CONTROL AIR SYSTEM	11	11	6	27
5720	TREATED WATER SYSTEM	52	52	445	549
5740	SERVICE WTR SYS	48	48		92
5760	FILTERED WTR SYS			9	9
6400	MAIN STEAM SYSTEM	618	618		1,237
6440	EXTRACTION STEAM SYSTEM	195	195		389
6520	AUX TURBINE STM & EXHAUST SYS	22	22		44
6560	VENT AND DRAIN SYSTEMS	70	71		140
6580	CONDENSATE SYSTEM	40	36	103	179
6600	CONDENSATE AUXILIARY SYSTEMS			15	15
6620	FEEDWATER SYSTEM	58	34		92
6640	FEEDWTR AUX SYS	48	37		83
6700	LUBE OIL SYSTEM				
6740	NITROGEN SYSTEM			6	6
6760	CHEMICAL WASH SYSTEM				
7000	OTHER MISC MOTORS	(4)	(4)		(7)
112	FERC ACCOUNT TOTAL	3,744	4,050	4,021	12,715
114	TURBOGENERATOR UNITS				
7520	TURBINE GENERATOR SYSTEM	1,482	1,482		2,965
7700	CONDENSING SYSTEM	(3)	(5)		(2)
7740	COOLING WATER SYSTEM	34	43	333	378
7800	LIFTING SYSTEM			1	1
7900	LUBE OIL SYSTEM	1	1	4	6
114	FERC ACCOUNT TOTAL	1,515	1,521	308	3,330

FERC/GOA	DESCRIPTION	UNIT 1	UNIT 2	COMMON	TOTAL
315	ACCESSORY ELEC EQUIPMENT				
8000	CABLE				
8020	RACEWAY SITE	101	101		202
8060	GROUND SYSTEM	46	46		91
8100	GEN BUS SYS	(3)	(3)		(5)
8140	CENTRALIZED PLANT CONTROL SYS	(9)	(9)		(17)
8180	RACKS & PANELS	1	1		2
8240	D.C. SYSTEM 125/250 V				1
8280	EMERGENCY GENERATOR SYS-4160V				
8360	AC SYSTEM 120/208 V				
8380	STANDBY AC SYSTEM - 120/208V	3	(31)		(27)
8440	AC SYS 480V			2	2
8520	AC SYSTEM - 800V	12	12		23
8580	AC SYSTEM - 2.3KV				
8620	STANDBY AC SYSTEM-4KV	1	1	9	9
8680	AC SYSTEM - 12KV	(89)	(89)		(199)
8920	AC SYSTEM - 500KV				1
315	FERC ACCOUNT TOTAL	<u>53</u>	<u>19</u>	<u>11</u>	<u>84</u>
316	MISC. PLANT EQUIPMENT				
1520	INTRSITE COMMUNICATION SYS	2	2		4
1560	CENTRAL VACUUM SYSTEM				
1580	PLANT SUPPORT EQUIPMENT				
316	FERC ACCOUNT TOTAL	<u>2</u>	<u>2</u>		<u>4</u>
353	STATION EQUIPMENT				
9400	TRANSFORMERS	(362)	(362)		(724)
	SUBTOTAL	7,875	7,772	17,551	32,818
304	CONTINGENCY				
0000	CONTINGENCY	718	728	1,704	3,149
	GRAND TOTAL	8,383	8,500	19,255	35,117

Section 8.2

Summary Level Reports (By Removal, Disposal, and Scrap)

Daniel – Unit 1

Summary Level Report

ERC

COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL \$
11	STRUCTURES & IMPROVEMENTS				
2300	TURBINE BLDG	1,140		(133)	1,037
2340	STEAM GENERATOR BLDG	2,137		(492)	1,685
11	FERC ACCOUNT TOTAL	<u>3,277</u>		<u>(625)</u>	<u>2,722</u>
12	BOILER PLANT EQUIPMENT				
4800	STEAM GENERATING SYSTEM	1,388		(477)	911
4840	PULVERIZED COAL FIRING SYSTEM	50		(21)	29
4920	OIL HANDLING AND FIRING SYSTEM			(1)	(1)
4960	LIGHTER OIL SYSTEM	77		(3)	75
5040	DRAFT SYSTEM	1,132		(217)	894
5240	COAL HANDLING SYSTEMS	430		(13)	397
5380	COAL HANDLING CRUSHER HSE	187		(6)	181
5440	COAL HANDLING TRANSFER POINTS	93		(5)	88
5640	WET ASH HANDLING SYS	9		(6)	3
5680	DRY ASH HANDLING SYSTEM	6		(1)	5
5700	CONTROL AIR SYSTEM	12		(1)	11
5720	TREATED WATER SYS	53		(1)	52
5740	SERVICE WTR SYS	51		(5)	46
6400	MAIN STEAM SYSTEM	638		(21)	618
6440	EXTRACTION STEAM SYSTEM	200		(5)	195
6520	AUX TURBINE STM & EXHAUST SYS	23		(3)	22
6580	VENT AND DRAIN SYSTEMS	72		(2)	70
6580	CONDENSATE SYSTEM	65		(25)	40
6620	FEEDWATER SYSTEM	68		(10)	58
6640	FEEDWTR AUX SYS	47		(1)	46
6700	LUBE OIL SYSTEM				
7000	OTHER MISC MOTORS			(4)	(4)
12	FERC ACCOUNT TOTAL	<u>4,611</u>		<u>(953)</u>	<u>3,741</u>
14	TURBOGENERATOR UNITS				
7520	TURBINE GENERATOR SYSTEM	1,528		(44)	1,482
7700	CONDENSING SYSTEM	36		(38)	(2)
7740	COOLING WATER SYSTEM	45		(11)	34
7800	LUBE OIL SYSTEM	1			1
14	FERC ACCOUNT TOTAL	<u>1,608</u>		<u>(83)</u>	<u>1,515</u>
15	ACCESSORY ELEC EQUIPMENT				
8000	CABLE	178		(77)	101
8020	RACEWAY SITE	141		(58)	83
8080	GROUND SYSTEM	17		(20)	(3)
8100	GEN BUS SYS	11		(10)	1
8140	CENTRALIZED PLANT CONTROL SYS	1			1
8180	RACKS & PANELS				

PLANT DANIEL UNIT 1
 SUMMARY LEVEL REPORT
 DECEMBER 2002 X 1000

FERC	COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL \$
5		ACCESSORY ELEC EQUIPMENT				
	8240	D.C. SYSTEM 125/250 V	3			3
	8360	A.C. SYSTEM 120/208 V				
	8440	AC SYS 480V	19		(3)	12
	8520	AC SYSTEM - 600V	1		(1)	
	8620	STANDBY AC SYSTEM-4KV	1			1
	8680	AC SYSTEM - 12KV	19			(99)
	8920	AC SYSTEM - 570KV			(118)	
15		FERC ACCOUNT TOTAL	<u>382</u>		<u>(368)</u>	<u>53</u>
16		MISC. PLANT EQUIPMENT				
	1520	INTRSITE COMMUNICATION SYS	2			2
	1580	CENTRAL VACUUM SYSTEM				
	1580	PLANT SUPPORT EQUIPMENT	1		(1)	
16		FERC ACCOUNT TOTAL	<u>3</u>		<u>(1)</u>	<u>3</u>
53		STATION EQUIPMENT				
	9400	TRANSFORMERS	68		(436)	(368)
UBTOTAL			9,958		(2,284)	7,674
04		CONTINGENCY				
	0000	CONTINGENCY	718			718
GRAND TOTAL			10,677		(2,284)	8,393

Daniel – Unit 2

Summary Level Report

PLANT DANIEL UNIT 2
SUMMARY LEVEL REPORT
DECEMBER 2002 X 1000

FERC	COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL \$
311		STRUCTURES & IMPROVEMENTS				
	2300	TURBINE BLDG	1,024		(88)	936
	2340	STEAM GENERATOR BLDG	2,043		(438)	1,605
311		FERC ACCOUNT TOTAL				
			3,067		(526)	2,542
312		BOILER PLANT EQUIPMENT				
	4800	STEAM GENERATING SYSTEM	1,388		(478)	911
	4840	PULVERIZED COAL FIRING SYSTEM	44		(21)	23
	4920	OIL HANDLING AND FIRING SYSTEM			(1)	(1)
	4980	LIGHTER OIL SYSTEM	65		(3)	62
	5040	DRAFT SYSTEM	1,148		(237)	911
	5240	COAL HANDLING SYSTEMS	652		(72)	580
	5380	COAL HANDLING CRUSHER HSE	327		(11)	316
	5440	COAL HANDLING TRANSFER POINTS	128		(7)	122
	5640	ASH HANDLING SYSTEM	9		(8)	1
	5660	DRY ASH HANDLING SYSTEM	6		(1)	5
	5700	CONTROL AIR SYSTEM	12		(1)	11
	5720	TREATED WATER SYS	53		(1)	52
	5740	SERVICE WTR SYS	51		(5)	46
	6400	MAIN STEAM SYSTEM	639		(21)	618
	6440	EXTRACTION STEAM SYSTEM	200		(5)	195
	6520	AUX TURBINE STM & EXHAUST SYS	23		(1)	22
	6560	VENT AND DRAIN SYSTEMS	73		(2)	71
	6580	CONDENSATE SYSTEM	61		(26)	35
	6600	CONDENSATE AUXILIARY SYSTEMS				
	6620	FEEDWATER SYSTEM	44		(10)	34
	6640	FEEDWTR AUX SYS	38		(1)	37
	6700	LUBE OIL SYSTEM				
	7000	OTHER MISC MOTORS			(4)	(4)
312		FERC ACCOUNT TOTAL	4,961		(511)	4,450
314		TURBOGENERATOR UNITS				
	7520	TURBINE GENERATOR SYSTEM	1,528		(4)	1,482
	7700	CONDENSING SYSTEM	33		(36)	(3)
	7740	COOLING WATER SYSTEM	53		(11)	42
	7900	LUBE OIL SYSTEM	1			1
314		FERC ACCOUNT TOTAL	1,614		(53)	1,521
315		ACCESSORY ELEC EQUIPMENT				
	8000	CABLE	178		(77)	101
	8020	RACEWAY SITE	141		(38)	103
	8060	GROUND SYSTEM	17		(20)	(3)
	8100	GEN BUS SYS	11		(20)	(9)
	8140	CENTRALIZED PLANT CONTROL SYS	1			1

ERC	COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL
115		ACCESSORY ELEC EQUIPMENT				
	8180	RACKS & PANELS	19		(38)	(19)
	8240	D.C. SYSTEM 125/250 V	1		(8)	(7)
	8360	AC SYSTEM 120/208 V	1		(1)	(0)
	8440	AC SYS 480V	19		118	(99)
	8520	AC SYSTEM - 600V				
	8620	STANDBY AC SYSTEM-4KV				
	8680	AC SYSTEM - 12KV				
	8920	AC SYSTEM - 500KV				
115		FERC ACCOUNT TOTAL				
118		MISC. PLANT EQUIPMENT				
	1520	INTRSITE COMMUNICATION SYS	394			394
	1580	CENTRAL VACUUM SYSTEM	2		(375)	(373)
	1580	PLANT SUPPORT EQUIPMENT	1			(1)
118		FERC ACCOUNT TOTAL				
153		STATION EQUIPMENT				
	9400	TRANSFORMERS	3			3
153		FERC ACCOUNT TOTAL				
			68		(130)	(62)
SUBTOTAL						
304		CONTINGENCY	10,108			10,108
0000		CONTINGENCY	728		(2,336)	772
GRAND TOTAL						
			10,836		(2,064)	8,772

Daniel Common Facilities

Summary Level Report

PLANT DANIEL COMMON FACILITIES
 SUMMARY LEVEL REPORT

DECEMBER 2002\$ X 1000

ERC	COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL \$
07		CONSTRUCTION CLEARING ACCTS				
	0040	PRODUCTION COSTS	720			720
	0200	TEMPORARY SERVICES	1,186			1,186
	0220	SAFETY & SECURITY FACILITIES	350			350
07		FERC ACCOUNT TOTAL	<u>2,256</u>			<u>2,256</u>
08		ENGINEERING				
	0240	ENGINEERING SCS	150			150
	0260	ENGINEERING-OPERATING COMPANY	354			354
	0360	CONSTRUCTION INSURANCE	1,444			1,444
08		FERC ACCOUNT TOTAL	<u>1,948</u>			<u>1,948</u>
09		OVERHEADS				
	0480	GENERAL OVERHEAD	280			280
11		STRUCTURES & IMPROVEMENTS				
	2020	INITIAL SITE PREPARATION	778			778
	2040	SITE IMPROVEMENTS	11		(1)	10
	2080	PONDS	4,821			4,821
	2100	PERMANENT RAILROAD SYSTEM	552		(200)	352
	2120	SITE FIRE PROTECTION SYSTEM	49		(6)	43
	2400	CONTROL ROOM	68		(9)	59
	2500	MAINT. STORAGE HOUSE	268		(3)	265
	2600	SERVICE BUILDING	524		(25)	499
	2700	WATER TREATMENT BUILDING	241		(5)	236
	2800	EMERGENCY GENERATOR BLDG	19			19
	2840	PRECIPITATOR CONTROL HOUSE	178		(1)	177
	2860	FIRE PROTECTION BLDG	35		(1)	34
	2880	SERVICE WTR CHLORINE HSE	19		(1)	18
	2900	CIRC WATER CHLORINE HOUSE				
	2920	SECURITY BLDG	15		(1)	14
	3040	WASTE WATER CONTROL HOUSE	9			9
	3080	FIRE PROTECTION TRANSFORMER HSE	1			1
	3080	AIR COMPRESSOR HOUSE	43		(2)	41
	3140	FUEL PUMP HOUSE	36		(2)	34
	3300	SEWAGE TREATMENT FACILITY	2			2
	3360	UTILITY PIPING TRENCH	281			281
	3400	WASTE WATER TREATMENT SYSTEM	175			175
11		FERC ACCOUNT TOTAL	<u>8,125</u>		<u>(31)</u>	<u>7,824</u>
12		BOILER PLANT EQUIPMENT				
	4000	CONTAMINATION REMOVAL	3	1		3
	4020	OIL HANDLING & FIRING SYSTEM	182	20	(6)	196

COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL
	BOILER PLANT EQUIPMENT				
4980	LIGHTER OIL SYSTEM	110		(2)	108
5000	AUXILIARY BOILER	64		(6)	58
5080	STACK	243		(7)	444
5240	COAL HANDLING SYSTEM	1,738	207	(89)	1,850
5260	COAL HANDLING SERVICE BLDG	151		(4)	147
5300	COAL HANDLING CONTROL HSE	16		(2)	14
5320	COAL HANDLING GARAGE				
5340	COAL HANDLING SWITCHGEAR HSE				
5620	FUEL HANDLING RAILROAD	30		(1)	29
5640	WET ASH HANDLING SYS	953		(188)	754
5660	DRY ASH HANDLING SYSTEM	601		(10)	581
5700	CONTROL AIR SYSTEM	38		(6)	32
5720	TREATED WATER SYSTEM	9		(4)	6
5760	FILTERED WTR SYS	464		(13)	445
6580	CONDENSATE SYSTEM	14		(7)	9
6600	CONDENSATE AUXILIARY SYSTEMS	105		(3)	103
6740	NITROGEN SYSTEM	16			15
6760	CHEMICAL WASH SYSTEM	1			6
	FERC ACCOUNT TOTAL	5,051	228	(35)	4,921
	TURBOGENERATOR UNITS				
7740	COOLING WATER SYSTEM	302			298
7800	LIFTING SYSTEM	3			1
7900	LUBE OIL SYSTEM	4			4
	FERC ACCOUNT TOTAL	309		(0)	309
	ACCESSORY ELEC EQUIPMENT				
8280	EMERGENCY GENERATOR SYS-4160V	2			2
8380	STANDBY AC SYSTEM - 120/208V	9			9
8560	AC SYSTEM - 2.3KV				
	FERC ACCOUNT TOTAL	11			11
	TOTAL	17,809	228	(60)	17,951
	CONTINGENCY				
	0000 CONTINGENCY	1,704			1,704

MISSISSIPPI POWER COMPANY
MANTLING STUDY
MIL 8, 2003

PLANT DANIEL COMMON FACILITIES
SUMMARY LEVEL REPORT

DECEMBER 2002 \$ X 1000

SOUTHERN COMPANY SERVICES
FOSSIL/HYDRO
PROJECT CONTROLS
PAGE 3

RC	COA	DESCRIPTION	REMOVAL COST	DISPOSAL COST	SCRAP VALUE	TOTAL \$
		CONTINGENCY				
		RAND TOTAL	19,692	228	(663)	19,257

Section 8.3

Detail Level Reports (By Unit)

Daniel – Unit 1

Detail Level Report

RC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1 STRUCTURES & IMPROVEMENTS							
2300 TURBINE BLDG							
2303 CONCRETE WORK-SUBSTRUCTURE							
0801 FOUNDATION CONCRETE CONCRETE	6,200 CY	121					121
2304 STRUCTURAL STEEL							
0802 STRUCTURAL STEEL STEEL	1,560 TN	215			1,560 TN	(87)	118
2305 ARCHITECTURAL WORK							
0802 ARCHITECTURAL METAL SIDING	38,200 SF	102			50 TN	(3)	99
0802 ARCHITECTURAL GRATING	37,600 SF	87			19 TN	(1)	96
0802 ARCHITECTURAL MASONRY WALL	16,000 SF	21					21
2305 SUBCOA ACCOUNT TOTAL		220				(4)	215
2309 CONCRETE WORK - SUPERSTRUCTURE							
0802 CONCRETE ROOF	820 SF	153					153
0802 CONCRETE CONCRETE	2,180 CY	407					407
2309 SUBCOA ACCOUNT TOTAL		560					560
2311 DRAINAGE SYSTEM							
0823 MOTOR PUMP MOTOR COPPER SCRAP	3	2			1 TN 3,240 LB	(1)	2 (1)
0823 RUC ACCOUNT TOTAL		2				(1)	1
2317 FIRE PROTECTION SYSTEM							
0880 FIRE PROTECTION SYSTEM							
8" PIPE	90 LF	3			1 TN		3
6" PIPE	130 LF	3			2 TN		3
4" PIPE	490 LF	8			3 TN		7
<4" PIPE	700 LF	8			3 TN		8

ERC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
111	STRUCTURES & IMPROVEMENTS							
2300	TURBINE BLDG							
2317	FIRE PROTECTION SYSTEM							
0880	FIRE PROTECTION SYSTEM							
0880	RUC ACCOUNT TOTAL		23				(1)	22
2300	COA ACCOUNT TOTAL		1,140				(103)	1,037
2340	STEAM GENERATOR BLDG							
2343	CONCRETE WORK - SUBSTRUCTURE							
1001	FOUNDATION CONCRETE BASE SLAB	7,840 CY	149					149
2344	STRUCTURAL STEEL							
1002	STRUCTURAL STEEL STEEL	5,420 TN	748			5,420 TN	(338)	412
2345	ARCHITECTURAL WORK							
1002	ARCHITECTURAL METAL SIDING	12,000 SF	31			8 TN		31
1002	ARCHITECTURAL GRATING	85,800 SF	222			430 TN	(27)	195
1002	CONCRETE MASONRY WALL	21,740 SF	28					28
1002	ARCHITECTURAL MASONRY WALL - STAIR ENCLOSURE	17,500 SF	23					23
2345	SUBCOA ACCOUNT TOTAL		304				(27)	277
2348	COAL BUNKER/SILO							
1015	COAL BUNKER COAL BUNKER SUPPORT STEEL STAINLESS STEEL SCRAP	5 50 TN	8 7			320 TN 50 TN 50 TN	(20) (3) (65)	103 4 (65)
1015	RUC ACCOUNT TOTAL		15				(68)	(53)
2349	CONCRETE WORK - SUPERSTRUCTURE							
1002	ARCHITECTURAL ROOF	250 SF	47					47

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 STRUCTURES & IMPROVEMENTS							
2340 STEAM GENERATOR BLDG							
2349 CONCRETE WORK - SUPERSTRUCTURE							
1002 CONCRETE	4,490 CY	838					838
CONCRETE							
2349 SUBCOA ACCOUNT TOTAL		884					884
2357 FIRE PROT SYSTEM							
1080 FIRE PROTECTION SYSTEM, COMP.,							
PUMP MOTOR	1	1			1 TN		
COPPER SCRAP					1,500 LB	(1)	(1)
8" PIPE	180 LF	8			3 TN		5
8" PIPE	260 LF	8			3 TN		8
4" PIPE	835 LF	13			5 TN		13
<4" PIPE	940 LF	12			4 TN		12
1080 RUC ACCOUNT TOTAL		37				(1)	38
2340 COA ACCOUNT TOTAL		2,137				(452)	1,685
11 FERC ACCOUNT TOTAL		3,277				(555)	2,722
12 BOILER PLANT EQUIPMENT							
4800 STEAM GENERATING SYSTEM							
4801 BOILER ENCLOSURE							
0001 STRUCTURAL METAL AND TRUSSES							
BOILER	6,750 TN	1,288			6,750 TN	(419)	869
4803 AIR HEATERS							
0031 CASING, AIR HEATER							
CASING, AIR HEATER	2 EA	11			48 TN	(3)	8
4804 BOILER PENTHOUSE							
0062 DRIVE, FAN							
DRIVE, FAN	2 LT						
COPPER SCRAP					1,200 LB		
0062 RUC ACCOUNT TOTAL						(1)	
4804 BOILER DUCT SYSTEM							
0121 INTAKE DUCT							

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT 100 STEAM GENERATING SYSTEM 4806 BOILER DUCT SYSTEM:								
0121	INTAKE DUCT DUCTWORK	53 TN	7			53 TN	(3)	4
0122	EXHAUST DUCT DUCTWORK	53 TN	7			53 TN	(3)	4
0123	GAS RECIRCULATION DUCT DUCTWORK	81 TN	11			81 TN	(5)	8
0124	FAN FAN FOUNDATION CONCRETE	2 EA 122 CY	3 13			43 TN	(3)	13
0124	RUC ACCOUNT TOTAL		15				(3)	13
0125	DRIVE, FAN FAN MOTOR COPPER SCRAP	2	1			4 TN 12,480 LB	(5)	1 (5)
0125	RUC ACCOUNT TOTAL		1				(5)	(4)
4806	SUBCOA ACCOUNT TOTAL		42				(20)	27
4807 SOOT BLOWERS 0150 SOOT BLOWERS SOOT BLOWERS		98 EA	30			23 TN	(1)	28
4809 BOILER WATER CIRCULATION SYS 0211 PUMP PUMP		4 EA	3			98 TN	(6)	(3)
0212	DRIVE, PUMP PUMP MOTOR COPPER SCRAP	4	5			22 TN 66,240 LB	(2) (26)	3 (26)
0212	RUC ACCOUNT TOTAL		5				(26)	(23)
0213	PIPING 4" PIPE	550 LF	9			3 TN		8
0217	HEAT EXCHANGER HEAT EXCHANGER	1	1			4 TN		

IC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
800	STEAM GENERATING SYSTEM							
4809	BOILER WATER CIRCULATION SYS							
	0217 HEAT EXCHANGER							
4809	SUBCOA ACCOUNT TOTAL		18				(34)	(17)
800	GOA ACCOUNT TOTAL		1,388				(477)	911
840	PULVERIZED COAL FIRING SYSTEM							
4841	BOILER BURNERS							
	0240 LOW NOX BURNERS							
	LOW NOX BURNERS	1 EA						
4842	PULVERIZERS							
	0272 PULVERIZER	5 EA	11			20 TN	(1)	10
	PULVERIZER							
	0273 DRIVE, PULVERIZER	5 EA	2			7 TN	(1)	1
	DRIVE, PULVERIZER					21,000 LB	(8)	(8)
	COPPER SCRAP							
0273	RUC ACCOUNT TOTAL		2				(8)	(7)
0275	FOUNDATION							
	FOUNDATION	115 CY	18					18
0280	PULVERIZERS							
	1993 STUDY ADDITION-PULVERIZER	1 LT	4					4
4842	SUBCOA ACCOUNT TOTAL		35				(10)	25
4843	COAL FEEDERS							
	0301 FEEDER	5 EA	2			18 TN	(1)	1
	FEEDER							
4844	PRIMARY AIR SYSTEM							
	0332 FAN	2	3			65 TN	(4)	(1)
	FAN							
	0333 DRIVE, FAN	2	1			5 TN		1
	FAN MOTOR					14,400 LB	(8)	(8)
	COPPER SCRAP							

RC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL QUANTITY	DISPOSAL QUANTITY	SALVAGE QUANTITY	TOTAL QUANTITY
2 BOILER PLANT EQUIPMENT				
4R40 COAL FIRING SYSTEM				
4R44 PRIMARY AIR SYSTEM				
0333 DRIVE, FAN				
0333 RUC ACCOUNT TOTAL				
0334 FOUNDATION				
FOUNDATION				
4R44 SUBCOA ACCOUNT TOTAL				
4R45 COAL FIRING SYSTEM				
0360 PIPING				
PIPING				
4R40 COA ACCOUNT TOTAL				
4R20 OIL HANDLING AND FIRING SYSTEM				
4R22 FUEL SUPPLY FACILITIES				
0545 MOTOR				
MOTOR				
COPPER SCRAP				
0545 RUC ACCOUNT TOTAL				
4R60 LIGHTER OIL SYSTEM				
4R62 FUEL SUPPLY FACILITIES				
0R35 DRIVE PUMP				
PUMP MOTOR				
COPPER SCRAP				
0R35 RUC ACCOUNT TO L				
4R63 FUEL STORAGE FAC				
0R61 CONCRETE				
EQUIPMENT FOUNDATION				
0662 TANK				
TANK				
0R63 PUMP				
PUMP				



MISSISSIPPI POWER COMPANY
 DRAFTING STUDY
 8, 2003

PLANT DANIEL UNIT 1
 DETAIL LEVEL REPORT
 DECEMBER 2002 X.1000

SOUTHERN COMPANY SERVICES
 FOSSIL/HYDRO
 PROJECT CONTROLS
 PAGE 7

COA/SUBCOA/ LIC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
0RR5	BOILER PLANT EQUIPMENT LIGHTER OIL SYSTEM FUEL STORAGE FAC PIPING 6" PIPE 4" PIPE	330 LF 220 LF	7 3			3 TN 1 TN		7 3
0RR6	RUC ACCOUNT TOTAL		11					10
0RR7	RETAINING ENCLOSURE TANK RETAINING WALL	280 CY	41					41
0RR8	LESS THAN 4" DIAMETER PIPE LESS THAN 4" DIAMETER PIPE	810 LF	10			3 TN		10
0R93	SUBCOA ACCOUNT TOTAL		77				(2)	76
0	COA ACCOUNT TOTAL		77				(3)	75
0R01	DRAFT SYSTEM PRECIPITATORS FOUNDATION FOUNDATION CONCRETE - SUPERSTRUCTURE	1,850 CY 1,380 CY	208 259					208 259
0R01	RUC ACCOUNT TOTAL		468					468
0R02	PRECIPITATOR WITH INSULATION PRECIPITATOR WITH INSULATION GRATING SUPPORT STEEL	320 TN 62 TN 2,015 TN	44 9 278			320 TN 62 TN 2,015 TN	(20) (4) (128)	24 5 153
0R02	RUC ACCOUNT TOTAL		331				(149)	182
0R01	SUBCOA ACCOUNT TOTAL		799				(149)	650
0R02	FORCED DRAFT FAN INLET DUCT DUCTWORK DUCTWORK	38 TN	5			38 TN	(2)	3
0R05	PRECIP INLET DUCT DUCTWORK WITH INSULATION							



MISSISSIPPI POWER COMPANY
 DECONTAMINATION STUDY
 APRIL 8, 2003

PLANT DANIEL UNIT 1
 DETAIL LEVEL REPORT
 DECEMBER 2002 X 1000

SOUTHERN COMPANY SERVICES
 FOSSIL/HYDRO
 PROJECT CONTROLS
 PAGE 8

DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$
5046 PRECIP OUTLET DUCT 0851 DUCTWORK WITH INSULATION DUCTWORK	156 TN	22			156 TN	(10)	12
5047 ID FAN OUTLET DUCT 0861 DUCTWORK WITH INSULATION DUCTWORK	360 TN	30			360 TN	(22)	27
5048 FD FANS & DRIVES 0871 FAN FAN	60 TN	6			60 TN	(4)	3
0873 DRIVE, ELECTRIC MOTOR FAN MOTOR COPPER SCRAP	2 EA	3			56 TN	(3)	(1)
	2	2			8 TN	(1)	1
		2			24,000 LB	(10)	(10)
0873 RUC ACCOUNT TOTAL	65 CY	10				(10)	10
0875 FOUNDATION FOUNDATION		15				(14)	1
5048 SUBCOA ACCOUNT TOTAL							
5049 ID FANS & DRIVES 0881 FAN FAN	2	4			128 TN	(6)	(4)
0882 DRIVE, FAN FAN MOTOR COPPER SCRAP	2	4			17 TN	(2)	2
					52,000 LB	(20)	(20)
0882 RUC ACCOUNT TOTAL		4				(22)	(18)
0883 FOUNDATION FOUNDATION	1,330 CY	210					210
5049 SUBCOA ACCOUNT TOTAL		216				(30)	186

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2	BOILER PLANT EQUIPMENT							
5240	COAL HANDLING SYSTEMS							
5245	CONVEYORS TO POWER HSE							
1283	DRIVE, MOTOR							
5245	SUBCOA ACCOUNT TOTAL		131				(19)	112
5246	TRIPPER CNVR (BUNKER/SILO)							
1302	CONVEYOR	340 LF	28					28
1303	DRIVE, MOTOR	2						
	CONVEYOR MOTOR							
5246	SUBCOA ACCOUNT TOTAL		28					28
5247	CRUSHERS							
1321	CRUSHER OR BREAKER	2 EA	5			42 TN	(3)	2
	CRUSHER OR BREAKER							
1322	DRIVE, MOTOR	2	1			5 TN		1
	CRUSHER MOTOR					14,400 LB	(6)	(6)
	COPPER SCRAP							
1322	RUC ACCOUNT TOTAL		1				(6)	(5)
5247	SUBCOA ACCOUNT TOTAL		6				(9)	(3)
5240	COA ACCOUNT TOTAL		430				(33)	397
5380	COAL HANDLING CRUSHER HSE							
5383	CONCRETE WORK - SUBSTRUCTURE							
2101	FOUNDATION CONCRETE	400 CY	63					63
	CONCRETE							
5384	CH CRUSHER HSE STRL STEEL							
2102	STRUCTURAL STEEL	65 TN	9			65 TN	(4)	5
	STRUCTURAL STEEL							
5385	ARCHITECTURAL WORK							
2102	ARCHITECTURAL	5,300 SF	14			27 TN	(2)	12
	GRATING							

COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
80	COAL HANDLING CRUSHER MSE							
5385	ARCHITECTURAL WORK							
	2102 CONCRETE							
	CONCRETE - SUPERSTRUCTURE	400 CY	75					75
	2102 ARCHITECTURAL METAL SIDING	14,000 SF	38			7 TN		38
5385	SUBCOA ACCOUNT TOTAL		125				(2)	123
180	COA ACCOUNT TOTAL		197				(6)	191
140	COAL HANDLING TRANSFER POINTS							
5443	CONCRETE WORK - SUBSTRUCTURE							
	2401 CONCRETE WORK CONCRETE	380 CY	60					60
5444	STRUCTURAL STEEL							
	2402 STRUCTURAL STEEL STRUCTURAL STEEL	70 TN	10			70 TN	(4)	13
5445	ARCHITECTURAL WORK							
	2402 ARCHITECTURAL GRATING	2,400 SF	6			12 TN	(1)	5
	2402 ARCHITECTURAL METAL SIDING	8,500 SF	17			3 TN		17
5445	SUBCOA ACCOUNT TOTAL		23				(1)	22
440	COA ACCOUNT TOTAL		83				(5)	78
840	WET ASH HANDLING SYS							
5841	PYRITE REMOVAL SYSTEM							
	3100 PYRITE REMOVAL SYSTEM, COMPLETE REMOVAL SYSTEM	1 LT	3			5 TN		2
5842	BOILER BOTTOM ASH RMVL SYS							
	3121 ASH HOPPER ASH HOPPER	1	1			7 TN		

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$.
5040	BOILER PLANT EQUIPMENT							
5042	WET ASH HANDLING SYS							
3121	ASH HOPPER					1 TN	(2)	(2)
	STAINLESS STEEL SCRAP							
3124	RUC ACCOUNT TOTAL	1				(2)		(2)
3124	PIPING							
	PIPING SYSTEM	1				(2)		(2)
5042	SUBCOA ACCOUNT TOTAL	2						
5043	ASH SEPARATOR SYSTEM							
3141	AIR SEPARATOR & TANK					1 TN	(2)	(2)
	AIR SEPARATOR & TANK	2 A						
	STAINLESS STEEL SCRAP							
3141	RUC ACCOUNT TOTAL	1				(2)		(2)
3143	EJECTOR							
	EJECTOR	1						
3144	PIPING							
	PIPING SYSTEM	1 LT						
3144	RUC ACCOUNT TOTAL	1						
5043	SUBCOA ACCOUNT TOTAL	2						
5044	TRANSPORT SYS							
3167	PUMP, ASH BOOSTER							
	PUMP, ASH BOOSTER	2 EA						
3168	DRIVE, ASH BOOSTER PUMP					4 TN	(2)	(2)
	DRIVE, ASH BOOSTER PUMP	2 LT						
	COPPER SCRAP					1,200 LB		
3168	RUC ACCOUNT TOTAL	1				(2)		(2)
5044	SUBCOA ACCOUNT TOTAL	2						

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
140	WET ASH HANDLING SYS							
5844	TRANSPORT SYS							
3168	DRIVE, ASH BOOSTER PUMP							
140	COA ACCOUNT TOTAL		0				(0)	3
180	DRY ASH HANDLING SYSTEM							
5883	TRANSPORT SYS							
3231	VACUUM PUMP							
	VACUUM PUMP AND PIPING	1 LT	0			21 TN	(1)	5
700	CONTROL AIR SYSTEM							
5701	AIR DRYER SYS							
3281	DRYER	4	1			4 TN		1
	DRYER							
5703	AIR DISTRIBUTION SYSTEM							
3320	AIR DISTRIBUTION SYSTEM							
	COMPRESSOR	1	2			15 TN	(1)	1
	6" PIPE	415 LF	9			1 TN		9
3320	RUC ACCOUNT TOTAL		11				(1)	10
1700	COA ACCOUNT TOTAL		12				(1)	11
1720	TREATED WATER SYS							
5721	RAW WATER SUPPLY							
3342	FOUNDATION							
	FOUNDATION	30 CY	5					5
3343	PIPING							
	4" PIPE	505 LF	8			3 TN		8
	< 4" PIPE	3,000 LF	39			12 TN	(1)	38
3343	RUC ACCOUNT TOTAL		47				(1)	46
3344	PUMP							
	PUMP	2 EA	2			0 TN		1
5721	SUBCOA ACCOUNT TOTAL		53				(1)	52

W/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
5742	PLANT SERVICE WTR SYS							
3461	PUMP							
	PUMP	5 EA	1			5 TN		
3462	DRIVE, PUMP							
	PUMP MOTOR	2	2			2 TN		2
	COPPER SCRAP					6,000 LB	(2)	(2)
3462	RUC ACCOUNT TOTAL		2				(3)	
3463	PIPING, MAIN LINE							
	30" PIPE	25 LF	4			2 TN		3
	20" PIPE	40 LF	3			2 TN		3
	18" PIPE	55 LF	4			2 TN		4
	16" PIPE	90 LF	6			5 TN		6
	12" PIPE	140 LF	7			3 TN		6
	10" PIPE	110 LF	4			2 TN		4
	8" PIPE	80 LF	2			1 TN		2
	6" PIPE	120 LF	3			1 TN		3
	4" PIPE	470 LF	7			3 TN		7
	< 4" PIPE	320 LF	4			1 TN		4
3463	RUC ACCOUNT TOTAL		45				(1)	43
3470	SURGE TANK							
	SURGE TANK	1	1			6 TN		6
	FOUNDATION CONCRETE	15 CY	2					2
3470	RUC ACCOUNT TOTAL		3					3
3471	SERVICE WATER COOLER							
	SERVICE WATER COOLER	2 LT				1 TN		1
5742	SUBCOA ACCOUNT TOTAL		51				(5)	46
1400	MAIN STEAM SYSTEM							
6401	MAIN STREAM PIPE							
4001	PIPING							
	25.5" PIPE	325 LF	73			39 TN	(2)	71
	20" PIPE	35 LF	6			3 TN		6
	18" PIPE	485 LF	74			42 TN	(3)	71

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
12 BOILER PLANT EQUIPMENT							
6400 MAIN STEAM SYSTEM							
6401 MAIN STREAM PIPE							
4001 PIPING							
4001 RUC ACCOUNT TOTAL		153				(5)	148
6402 HOT REHEAT							
4021 PIPING							
36" PIPE	290 LF	83			52 TN	(3)	80
30" PIPE	315 LF	83			46 TN	(3)	80
24.5" PIPE	580 LF	135			49 TN	(3)	132
4021 RUC ACCOUNT TOTAL		311				(9)	302
6403 COLD REHEAT SYSTEM							
4041 PIPING							
34" PIPE	50 LF	2			9 TN	(1)	1
28.75" PIPE	730 LF	170			91 TN	(6)	155
24" PIPE	10 LF	2			1 TN		2
4041 RUC ACCOUNT TOTAL		174				(6)	168
6400 COA ACCOUNT TOTAL		639				(21)	618
6440 EXTRACTION STEAM SYSTEM							
6441 HP HEATER STEAM SYSTEM							
4101 PIPING							
10" PIPE	180 LF	7			4 TN		7
8" PIPE	300 LF	9			5 TN		9
6" PIPE	280 LF	6			3 TN		6
4101 RUC ACCOUNT TOTAL		22				(1)	21
6442 LP HEATER STEAM SYSTEM							
4121 PIPING							
48" PIPE	70 LF	13			7 TN		13
30" PIPE	45 LF	5			3 TN		5
24" PIPE	175 LF	17			9 TN	(1)	17
20" PIPE	40 LF	3			2 TN		3
4121 RUC ACCOUNT TOTAL		38				(1)	37

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$
4181	BOILER PLANT EQUIPMENT EXTRACTION STEAM SYSTEM	6,250 F	81			25 TN	(2)	7
4181	SOOT BLOWER STEAM SYSTEM 4141 PIPING <4" PIPE	305 LF 180 LF	9 4			5 TN 2 TN		7
	4181 RUC ACCOUNT TOTAL		14					1
4181	DEAERATOR STEAM SYSTEM 4181 PIPING 20" PIPE 16" PIPE 12" PIPE 8" PIPE 6" PIPE 6" PIPE <4" PIPE	150 LF 15 LF 55 LF 175 LF 175 LF 275 LF 385 LF	13 1 3 5 4 4 5			6 TN 1 TN 3 TN 2 TN 2 TN 1 TN		12
	4181 RUC ACCOUNT TOTAL		35				(1)	31
4201	TURBINE GLAND SEAL STM SYSTEM 4201 PIPING 4" PIPE <4" PIPE	320 LF 250 LF	5 3			2 TN 1 TN		3
	4201 RUC ACCOUNT TOTAL		8					6
1520	AUX TURBINE STM & EXHAUST SYS 0521 FEEDWTR PMP TURB STM & EXH SYS 4501 PIPING 14" PIPE 10" PIPE 6" PIPE <4" PIPE	120 LF 140 LF 40 LF 320 LF	7 5 1 4			4 TN 3 TN 1 TN		16
	4501 RUC ACCOUNT TOTAL		17				(6)	16
4504	4504 PIPING							16

RC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 BOILER PLANT EQUIPMENT							
8520 AUX TURBINE STM & EXHAUST SYS							
8521 FEEDWTR PMP TURB STM & EXH SYS							
4504 PIPING							
88" PIPE	20 LF	6			2 TN		8
8521 SUBCOA ACCOUNT TOTAL		<u>23</u>				(1)	<u>22</u>
8560 VENT AND DRAIN SYSTEMS							
8561 BLR VENT & DRAIN SYSTEM							
4601 BOILER VENT							
4" PIPE	345 LF	5			2 TN		5
4602 BOILER DRAIN							
<4" PIPE	465 LF	6			2 TN		8
4607 BOILER BLOWOFF TANK							
BLOWOFF TANK	1				2 TN		
8561 SUBCOA ACCOUNT TOTAL		<u>12</u>					<u>11</u>
8562 HP HTR VENT & DRAIN SYS							
4621 HP HEATER VENTS AND DRAINS							
6" PIPE	750 LF	17			8 TN		16
4" PIPE	415 LF	6			2 TN		6
<4" PIPE	285 LF	4			1 TN		4
4621 RUC ACCOUNT TOTAL		<u>27</u>				(1)	<u>26</u>
8563 LP HEATER VENT & DRAIN SYSTEM							
4641 LP HEATER VENTS AND DRAINS							
10" PIPE	200 LF	8			4 TN		7
8" PIPE	265 LF	9			4 TN		9
6" PIPE	465 LF	10			6 TN		10
4" PIPE	200 LF	3			1 TN		3
<4" PIPE	300 LF	4			1 TN		4
4641 RUC ACCOUNT TOTAL		<u>34</u>				(1)	<u>33</u>
8560 COA ACCOUNT TOTAL		<u>72</u>				(2)	<u>70</u>

AC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$.
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
6580	CONDENSATE SYSTEM							
4582	LOW PRESSURE HEATERS							
4921	LOW PRESSURE HEATER							
	LOW PRESSURE HEATER	4 EA	0			98 TN	(0)	
6583	POLISHING UNIT							
4941	PUMP							
	PUMP	5 EA	1			3 TN		1
4942	DRIVE, PUMP							
	PUMP MOTOR	1						
4943	TANK							
	TANK	1 EA	1			8 TN		1
4944	FOUNDATION							
	FOUNDATION	260 CY	41					41
4946	POLISHING UNIT							
	POLISHING UNIT	1 LT	1			25 TN	(2)	(1)
6583	SUBCOA ACCOUNT TOTAL		44				(2)	42
6584	DEAERATOR & STORAGE TANK							
4961	DEAERATOR							
	DEAERATOR	1 EA	3			20 TN	(1)	1
	STAINLESS STEEL SCRAP					2 TN	(2)	(2)
4961	RUC ACCOUNT TOTAL		3				(3)	(1)
4963	DEAERATOR STORAGE TANK							
	TANK	2	5			42 TN	(0)	(0)
6584	SUBCOA ACCOUNT TOTAL		8				(12)	(1)
6585	CONDENSATE PUMPS & DRIVES							
4981	PUMP, CONDENSATE							
	PUMP, CONDENSATE	3 EA	3			4 TN		2
4982	DRIVE, PUMP							
	DRIVE, PUMP	3 EA	1			4 TN		1
	COPPER SCRAP					11,730 LB	(5)	(5)

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2	BOILER PLANT EQUIPMENT							
1580	CONDENSATE SYSTEM							
6585	CONDENSATE PUMPS & DRIVES							
4982	DRIVE, PUMP							
4982	RUC ACCOUNT TOTAL							
			1				(5)	(4)
4983	FOUNDATION							
	FOUNDATION	25	CY	4				4
6585	SUBCOA ACCOUNT TOTAL							
							(5)	2
1580	COA ACCOUNT TOTAL							
							(25)	4
1620	FEEDWATER SYSTEM:							
6621	FEEDWTR PIPING							
5301	PIPING							
	16" PIPE	220	LF	15		7	TN	14
	14" PIPE	105	LF	8		3	TN	8
	8" PIPE	300	LF	7		3	TN	8
	4" PIPE	485	LF	7		3	TN	1
	< 4" PIPE	120	LF	2				2
5301	RUC ACCOUNT TOTAL							
							(1)	38
6622	HIGH PRESSURE HEATERS							
5321	HEATER							
	HEATER	2	EA	3		62	TN	(4)
6625	FEED WATER SYS							
5381	PUMP, FEEDWATER							
	PUMP, FEEDWATER	2	EA	3		20	TN	(1)
5383	FOUNDATION							
	FOUNDATION	150	CY	24				24
5385	DRIVE, TURBINE							
	TURBINE	2		3		64	TN	(4)
6625	SUBCOA ACCOUNT TOTAL							
							(5)	24

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	0 FEEDWATER SYSTEM							
	625 FEED WATER SYS							
	5385 DRIVE, TURBINE							
0	COA ACCOUNT TOTAL		68				(10)	58
	0 FEEDWTR AUX SYS							
	641 FEEDWTR MINIMUM FLOW LINES							
	5501 PIPING							
	14" PIPE	300 LF	16			9 TN	(1)	16
	6" PIPE	335 LF	7			3 TN		7
	< 4" PIPE	180 LF	2					2
5501	RUC ACCOUNT TOTAL		26				(1)	25
	643 FEEDWATER RECIRCULATING LINES							
	5541 PIPING							
	8" PIPE	200 LF	6			3 TN		6
	6" PIPE	175 LF	4			2 TN		4
	< 4" PIPE	175 LF	2					2
5541	RUC ACCOUNT TOTAL		12					12
	644 SPRAYWATER SYSTEMS							
	5561 PIPING							
	6" PIPE	75 LF	2					2
	4" PIPE	100 LF	2					2
	< 4" PIPE	380 LF	5					5
5561	RUC ACCOUNT TOTAL		8					8
40	COA ACCOUNT TOTAL		47				(1)	46
	00 LUBE OIL SYSTEM							
	6702 FEEDWATER PMP TURZIL OIL SYSTEM							
	6024 DRIVE, PUMP							
	PUMP MOTOR	1						
	00 OTHER MISC MOTORS							
	7000 MISC MOTORS							
	8888 OTHER MISC MOTORS					3 TN		
	MISC MOTORS					8,383 LB	(3)	(3)
	COPPER SCRAP							

RC/COA/SUBCOA/ RUC	DESCRIPTION	QUANTITY	REMOVAL COST	QUANTITY	DISPOSAL COST	QUANTITY	SALVAGE COST	TOTAL A...
2	BOILER PLANT EQUIPMENT 7000 OTHER MISC. MOTORS 7000 MISC MOTORS 8888 OTHER MISC MOTORS							
8888	RUC ACCOUNT TOTAL						(4)	(4)
2	FERC ACCOUNT TOTAL		4,811				(888)	3,744
4	TURBOGENERATOR UNITS							
7520	TURBINE GENERATOR SYSTEM							
7521	TURB/GEN FOUNDATION							
0001	FOUNDATION							
7522	TURBINE	2,085	236					236
0011	CASING OR SHELL WITH INSULATIO TURBINE GENERATOR	3	1,278				(43)	1,236
7528	TURBINE DRAIN SYSTEM							
0100	TURBINE DRAIN SYSTEM, COMPLETE R" PIPE	145	5					4
7530	GENERATOR COOLING & PURGE TANK, TURBINE GEN SYS., GENERAT TANK	6	8					5
0182	COOLING UNIT GENERATOR COOLING COOLING UNIT	2	2					2
7530	SUBCOA ACCOUNT TOTAL		7				(1)	6
7520	COA ACCOUNT TOTAL		1,526				(44)	1,482
7700	CONDENSING SYSTEM							
7701	CONDENSER							
0321	CASING, CONDENSING SYSTEM CASING	1	23				(34)	(11)
7702	CONDENSER CONNECTIONS							
0341	PIPING, CONDENSER CONNECTIONS 72" PIPE	25	7				(1)	6

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
700	TURBOGENERATOR UNITS CONDENSING SYSTEM							
7703	VACUUM SYSTEM							
0362	PIPING, VACUUM SYSTEM							
	4" PIPE	60 LF	1					1
	< 4" PIPE	110 LF	1					1
0362	RUC ACCOUNT TOTAL		2					2
0363	PUMP, VACUUM, VACUUM SYSTEM PUMP	2	2			1 TN		2
0364	DRIVE, PUMP, VACUUM SYSTEM PUMP MOTOR COPPER SCRAP	2				2 TN 4,500 LB	(2)	(2)
0364	RUC ACCOUNT TOTAL						(2)	(2)
7703	SUBCOA ACCOUNT TOTAL		4				(2)	2
7704	CONDENSER TUBE CLEANING SYS							
0380	CONDENSER TUBE CLEANING SYSTEM PIPING	1	1			3 TN		1
700	COA ACCOUNT TOTAL		38				(38)	(3)
740	COOLING WATER SYSTEM							
7741	COOLING WTR PASSAGEWAYS							
0502	PIPING, COOLING WATER PASSAGEW PIPING, COOLING WATER PASSAGEW	1,300 LF	34					34
7749	COOLING WTR PUMPS & DRIVES							
0661	PUMP, COOLING WATER PUMPS & DR PUMP	2	2			16 TN	(1)	1
0662	DRIVE, PUMP, COOLING WATER PUM PUMP MOTOR COPPER SCRAP	2	2			8 TN 23,100 LB	(1) (9)	(8)
0662	RUC ACCOUNT TOTAL		2				(10)	(8)
0663	FOUNDATION, COOLING WATER PUMP FOUNDATION CONCRETE	45 CY	7					7

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	ACCESSORY ELEC EQUIPMENT							
10	GROUND SYSTEM							
1061	SITE GROUND							
0400	SITE GROUND SYSTEM, COMPLETE							
0400	RUC ACCOUNT TOTAL		17				(20)	(3)
00	GEN BUS SYS							
0102	BUS EQUIPMENT & SUPPORT							
0021	BUS, GENERATOR BUS SYS. BUS, GENERATOR BUS SYS. COPPER SCRAP	1 LB	9			42,440 LB	(18)	9 (18)
0021	RUC ACCOUNT TOTAL		9				(18)	(9)
0023	INSTRUMENT TRANSFORMER, GEN.BU TRANSFORMER COPPER SCRAP	7 EA	2			2 TN 7,910 LB	(3)	2 (3)
0023	RUC ACCOUNT TOTAL		2				(3)	(1)
0102	SUBCOA ACCOUNT TOTAL		11				(20)	(9)
140	CENTRALIZED PLANT CONTROL SYS							
0141	METERING & RELAYING							
1003	PANEL, CENTRALIZED PLANT CONTR PANEL, CENTRALIZED PLANT CONTR	7 LT	1					1
180	RACKS & PANELS							
0180	LOCAL RACKS AND PANELS							
1302	LOCAL PANEL LOCAL PANEL	6 EA						
1240	D.C. SYSTEM 125/250 V							
0243	BATTERY SYSTEM							
1043	CHARGER, BATTERY CHARGER, BATTERY	5 EA						
0360	A.C. SYSTEM 120/208 V							
0361	DISTRIBUTION SYSTEM							
2145	SWITCH DISTRIBUTION CABINET	18	3					3

COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	ACCESSORY ELEC EQUIPMENT							
40	AC SYS 480V							
8441	DISTRIBUTION SYSTEM							
2307	MOTOR CONTROL CENTER- A.C. SYS							
	MOTOR CONTROL CENTER- A.C. SYS	11	LT	2				2
2311	SWITCHGEAR- A.C. SYS, 480 V.							
	SWITCHGEAR- A.C. SYS, 480 V.	3	EA	18				18
8441	SUBCOA ACCOUNT TOTAL							18
8444	TRANSFORMER SYSTEM							
2321	TRANSFORMER- A.C. SYS, 480 V.							
	TRANSFORMER- A.C. SYS, 480 V.	11	EA	1				1
	COPPER SCRAP					4 TN		1
						18,571 LB	(7)	(7)
2321	RUC ACCOUNT TOTAL						(8)	(8)
140	COA ACCOUNT TOTAL						(8)	12
520	AC SYSTEM - 600V							
8521	DISTRIBUTION SYSTEM							
2484	BUS SECTION, A.C. SYSTEM-600 VO							
	BUS SECTION, A.C. SYSTEM-600 VO	1,288	LB	1				1
	COPPER SCRAP					2,374 LB	(1)	(1)
2484	RUC ACCOUNT TOTAL						(1)	
820	STANDBY AC SYSTEM-4KV							
8621	4KV-STNBY AC SYS-DISTRIBUTION							
2665	SWITCH, STANDBY A. C. SYSTEM -							
	SWITCHGEAR	2	EA	1				1
880	AC SYSTEM - 12KV							
8884	TRANSFORMER SYSTEM - 12KV							
2801	TRANSFORMER							
	TRANSFORMER	3		18				18
	COPPER SCRAP					62 TN	(8)	18
						287,000 LB	(112)	(112)
2801	RUC ACCOUNT TOTAL						(118)	(91)

COA/SUBCOA/ C	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	ACCESSORY ELEC EQUIPMENT AC SYSTEM - 500KV							
21	DISTRIBUTION SYSTEM - 500KV							
3387	MOTOR CONTROL CENTER MOTOR CONTROL CENTER STAINLESS STEEL SCRAP	2				2 TN		
3387	RUC ACCOUNT TOTAL							
	FERC ACCOUNT TOTAL		382				(339)	53
	MISC. PLANT EQUIPMENT INTRSITE COMMUNICATION SYS							
521	TELEPHONE SYS							
0001	TELEPHONE SYS TELEPHONE SYS	4 LT	2					2
	CENTRAL VACUUM SYSTEM CENTRAL VACUUM CLEANING SYS							
580	MOTOR MOTOR	1						
	PLANT SUPPORT EQUIPMENT ENVIRONMENTAL MONITORING EQUIP							
586	AIR MONITOR AIR MONITOR	1 EA						
0701	GEMS GEMS	1 EA	1					1
1588	SUBCOA ACCOUNT TOTAL		1					1
	VEHICLE REPAIR EQUIPMENT BATTERY CHARGER							
2102	BATTERY CHARGER BATTERY CHARGER COPPER SCRAP	1				1 TN 1,500 LB	(1)	(1)
2102	RUC ACCOUNT TOTAL						(1)	(1)
580	COA ACCOUNT TOTAL		1				(1)	

DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTALS
MISC. PLANT EQUIPMENT							
0 PLANT SUPPORT EQUIP							
597 VEHICLE REPAIR EQUIPMENT							
2102 BATTERY CHARGER							
FERC ACCOUNT TOTAL							
STATION EQUIPMENT							
10 TRANSFORMERS							
1401 POWER TRANSFORMER							
0108 POWER TRANSFORMER							
POWER TRANSFORMER							
COPPER SCRAP							
010R RIJC ACCOUNT TOTAL							
0160 POWER TRANSFORMER							
POWER TRANSFORMER							
COPPER SCRAP							
016R RIJC ACCOUNT TOTAL							
0401 SUBCOA ACCOUNT TOTAL							
TOTAL							
CONTINGENCY							
00 CONTINGENCY							
0000 CONTINGENCY							
0000 CONTINGENCY							
CONTINGENCY							

ND TOTAL 10,677 (2,284) 718 8,393

Daniel – Unit 2

Detail Level Report

IC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2300	STRUCTURES & IMPROVEMENTS TURBINE BLDG	5,120	100					100
2303	CONCRETE WORK-SUBSTRUCTURE 0801 FOUNDATION CONCRETE CONCRETE							
2304	STRUCTURAL STEEL 0802 STRUCTURAL STEEL STEEL	1,320	162			1,320		100
2305	ARCHITECTURAL WORK 0802 ARCHITECTURAL METAL SIDING	37,000	98			48		93
0802	ARCHITECTURAL GRATING	37,800	97			19		96
0802	ARCHITECTURAL MASONRY WALL	16,000	21					21
2305	SUBCOA ACCOUNT TOTAL		214				(4)	210
2309	CONCRETE WORK - SUPERSTRUCTURE 0802 CONCRETE ROOF	750	140					140
0802	CONCRETE CONCRETE	1,950	364					304
2309	SUBCOA ACCOUNT TOTAL		504					504
2311	DRAINAGE SYSTEM 0823 MOTOR PUMP MOTOR COPPER SCRAP	3	2					2
0823	RUC ACCOUNT TOTAL		2				(1)	(1)
2317	FIRE PROTECTION SYSTEM 0860 FIRE PROTECTION SYSTEM 8" PIPE 6" PIPE 4" PIPE <4" PIPE	90	3					3
0860	FIRE PROTECTION SYSTEM	150	3					3
	8" PIPE	480	8					8
	6" PIPE	700	9					9
	4" PIPE							
	<4" PIPE							

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	STRUCTURES & IMPROVEMENTS							
	0 TURBINE BLDG							
	317 FIRE PROTECTION SYSTEM							
	0880 FIRE PROTECTION SYSTEM							
0880	RUC ACCOUNT TOTAL		23				(1)	22
10	COA ACCOUNT TOTAL		1,024				(88)	936
10	STEAM GENERATOR BLDG							
2343	CONCRETE WORK - SUBSTRUCTURE							
1001	FOUNDATION CONCRETE BASE SLAB	8,270 CY	122					122
2344	STRUCTURAL STEEL							
1002	STRUCTURAL STEEL STEEL	5,200 TN	718			5,200 TN	(322)	396
2345	ARCHITECTURAL WORK							
1002	ARCHITECTURAL METAL SIDING	12,000 SF	31			6 TN		31
1002	ARCHITECTURAL GRATING	85,800 SF	222			430 TN	(27)	195
1002	CONCRETE MASONRY WALL	17,500 SF	23					23
1002	ARCHITECTURAL MASONRY WALL - STAIR ENCLOSURE	21,740 SF	28					28
2345	SUBCOA ACCOUNT TOTAL		304				(27)	277
2346	COAL BUNKER/SILO							
1015	COAL BUNKER COAL BUNKER SUPPORT STEEL STAINLESS STEEL SCRAP	5 50 TN	8 7			320 TN 50 TN 50 TN	(20) (3) (85)	(12) 4 (85)
1015	RUC ACCOUNT TOTAL		15				(88)	(73)
2349	CONCRETE WORK - SUPERSTRUCTURE							
1002	ARCHITECTURAL ROOF	250 SF	47					47

COA/SUBCOA/ JC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
STRUCTURES & IMPROVEMENTS								
349	STEAM GENERATOR BLDG CONCRETE WORK - SUPERSTRUCTURE							
	1002 CONCRETE CONCRETE	4,480 CY	838					838
349	SUBCOA ACCOUNT TOTAL		884					884
357 FIRE PROT SYSTEM								
1080	FIRE PROTECTION SYSTEM, COMP., PUMP MOTOR COPPER SCRAP	1	1			1 TN 1,500 LB	(1)	(1)
1080	RUC ACCOUNT TOTAL		1				(1)	
0	COA ACCOUNT TOTAL		2,043				(438)	1,608
FERC ACCOUNT TOTAL								
			3,087				(528)	2,542
BOILER PLANT EQUIPMENT								
10 STEAM GENERATING SYSTEM								
1801	BOILER ENCLOSURE							
	0001 STRUCTURAL METAL AND TRUSSES BOILER	6,750 TN	1,288			6,750 TN	(419)	869
0803 AIR HEATERS								
	0031 CASING, AIR HEATER CASING, AIR HEATER	2 EA	11			48 TN	(3)	8
4804 BOILER PENTHOUSE								
	0002 DRIVE, FAN DRIVE, FAN COPPER SCRAP	2 LT				1,200 LB		
0082	RUC ACCOUNT TOTAL						(1)	
4805 SEAL AIR SYSTEM								
	0084 PIPING PIPING					1 TN		
	0086 PIPING PIPING					1 TN		

13/COA/SUBCOA/
 RUC

PLANT DANIEL UNIT 2
 DETAIL LEVEL REPORT
 DECEMBER 2002 X 1000

DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$.
BOILER PLANT EQUIPMENT							
4800 STEAM GENERATING SYSTEM							
4805 SEAL AIR SYSTEM							
0098 PIPING							
4805 SUBCOA ACCOUNT TOTAL							
4806 BOILER DUCT SYSTEM							
0121 INTAKE DUCT DUCTWORK							
0122 EXHAUST DUCT DUCTWORK	53 TN	7			53 TN	(3)	4
0123 GAS RECIRCULATION DUCT DUCTWORK	53 TN	7			53 TN	(3)	4
0124 FAN FAN FOUNDATION CONCRETE	81 TN	11			81 TN	(5)	6
	2 EA	3			43 TN	(3)	13
	122 CY	13					
0124 RUC ACCOUNT TOTAL		15				(3)	13
0125 DRIVE, FAN FAN MOTOR COPPER SCRAP	2	1			4 TN	(5)	1
0125 RUC ACCOUNT TOTAL		1			12,480 LB	(5)	(5)
4806 SUBCOA ACCOUNT TOTAL							
4807 SOOT BLOWERS							
0150 SOOT BLOWERS SOOT BLOWERS	98 EA	30			23 TN	(1)	29
4809 BOILER WATER CIRCULATION SYS							
0211 PUMP PUMP	4 EA	3			98 TN	(6)	13
0212 DRIVE, PUMP PUMP MOTOR COPPER SCRAP	4	5			22 TN	(2)	3
					66,240 LB	(20)	(20)

C/COA/SUBCOA/ RUG	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT 100 STEAM GENERATING SYSTEM 4808 BOILER WATER CIRCULATION SYS 0212 DRIVE, PUMP							
0212	RUG ACCOUNT TOTAL		5				(28)	(23)
0213	PIPING 4" PIPE	550 LF	9			3 TN		8
0217	HEAT EXCHANGER HEAT EXCHANGER	1	1			4 TN		
4808	SUBCOA ACCOUNT TOTAL		18				(34)	(17)
100	COA ACCOUNT TOTAL		1,388				(478)	911
140	PULVERIZED COAL FINING SYSTEM 4841 BOILER BURNERS 0240 LOW NOX BURNERS LOW NOX BURNERS	1 EA						
4842	PULVERIZERS 0272 PULVERIZER PULVERIZER	5 EA	11			20 TN	(1)	10
0273	DRIVE, PULVERIZER DRIVE, PULVERIZER COPPER SCRAP	5 EA	2			7 TN 21,000 LB	(1) (8)	1 (8)
0273	RUG ACCOUNT TOTAL		2				(9)	(7)
0275	FOUNDATION FOUNDATION	115 CY	18					18
4842	SUBCOA ACCOUNT TOTAL		32				(10)	22
4844	PRIMARY AIR SYSTEM 0331 PRIMARY AIR DUCT PRIMARY AIR DUCT							
0332	FAN					1 TN		

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
40	BOILER PLANT EQUIPMENT COAL FIRING SYSTEM							
4844	PRIMARY AIR SYSTEM							
0332	FAN							
	FAN	2	3			65 TN	(4)	(1)
0333	DRIVE, FAN							
	FAN MOTOR	2	1			5 TN		1
	COPPER SCRAP					14,400 LB	(6)	(6)
0333	RUC ACCOUNT TOTAL						(6)	(5)
0334	FOUNDATION							
	FOUNDATION	30 CY	5					5
4844	SUBCOA ACCOUNT TOTAL		8				(10)	(2)
4845	COAL FIRING SYSTEM							
0360	PIPING							
	PIPING	1 LT	4			3 TN		4
4846	LIFTING SYSTEM							
0391	HOIST					1 TN		
	HOIST							
540	COA ACCOUNT TOTAL		44				(21)	23
920	OIL HANDLING AND FIRING SYSTEM							
4922	FUEL SUPPLY FACILITIES							
0545	MOTOR							
	MOTOR	2				1 TN 2,810 LB	(1)	(1)
	COPPER SCRAP							
0545	RUC ACCOUNT TOTAL						(1)	(1)
980	LIGHTER OIL SYSTEM							
4982	FUEL SUPPLY FACILITIES							
0635	DRIVE, PUMP							
	PUMP MOTOR	2	1			1 TN 1,440 LB	(1)	(1)
	COPPER SCRAP							
0635	RUC ACCOUNT TOTAL		1				(1)	

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1C/COA/SUBCOA/ RUC							
BOILER PLANT EQUIPMENT							
0860 LIGHTER OIL SYSTEM							
0863 FUEL STORAGE FAC							
0861 CONCRETE EQUIPMENT FOUNDATION							
0862 TANK TANK	5 CY	1					
0863 PUMP PUMP	1	13			24 TN	1	
0865 PIPING 8" PIPE 4" PIPE	1	1					
0865 RUC ACCOUNT TOTAL	330 LF 220 LF	7 3			3 TN 1 TN		
0866 RETAINING ENCLOSURE TANK RETAINING WALL		11					
0867 LESS THAN 4" DIAMETER PIPE LESS THAN 4" DIAMETER PIPE	180 CY	28					
0867 LESS THAN 4" DIAMETER PIPE LESS THAN 4" DIAMETER PIPE	810 LF	10			3 TN		
4863 SUBCOA ACCOUNT TOTAL		84					
0860 COA ACCOUNT TOTAL		85				(2)	62
0840 DRAFT SYSTEM							
0841 PRECIPITATORS FOUNDATION CONCRETE - SUPERSTRUCTURE	1,850 CY 1,380 CY	209 259				(3)	62
0801 RUC ACCOUNT TOTAL		468					
0802 PRECIPITATOR WITH INSULATION PRECIPITATOR WITH INSULATION GRATING SUPPORT STEEL	320 TN 62 TN 2,015 TN	44 9 278			320 TN 62 TN 2,015 TN	(20) (4) (126)	24 5 153
0802 RUC ACCOUNT TOTAL		331				(146)	182

0A/SUBCOA/

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
OILER PLANT EQUIPMENT DRAFT SYSTEM 1 PRECIPITATORS 002 PRECIPITATOR WITH INSULATION							
11 SUBCOA ACCOUNT TOTAL		<u>799</u>				<u>(149)</u>	<u>650</u>
12 FORCED DRAFT FAN INLET DUCT 0821 DUCTWORK DUCTWORK	38 TN	5			38 TN	(2)	3
15 PRECIP INLET DUCT 0841 DUCTWORK WITH INSULATION DUCTWORK	158 TN	22			158 TN	(10)	12
16 PRECIP OUTLET DUCT 0851 DUCTWORK WITH INSULATION DUCTWORK	360 TN	50			360 TN	(22)	27
17 ID FAN OUTLET DUCT 0861 DUCTWORK WITH INSULATION DUCTWORK	60 TN	8			60 TN	(4)	5
18 FD FANS & DRIVES 0871 FAN FAN	2 EA	3			58 TN	(3)	(1)
0873 DRIVE, ELECTRIC MOTOR FAN MOTOR COPPER SCRAP	2	2			8 TN 24,800 LB	(1) (10)	1 (10)
0873 RUC ACCOUNT TOTAL		<u>2</u>				<u>(10)</u>	<u>(9)</u>
0875 FOUNDATION FOUNDATION	.65 CY	10					10
048 SUBCOA ACCOUNT TOTAL		<u>15</u>				<u>(14)</u>	<u>1</u>
049 ID FANS & DRIVES 0891 FAN FAN	2	4			128 TN	(8)	(4)
0892 DRIVE, FAN FAN MOTOR COPPER SCRAP	2	4			17 TN 52,080 LB	(2) (20)	2 (20)

SUBCOA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT 140 DRAFT SYSTEM 5049 ID FANS & DRIVES 0892 DRIVE, FAN							
0892 RUC ACCOUNT TOTAL			4				(22)	(18)
0893 FOUNDATION FOUNDATION		1,330 CY	210					210
5049 SUBCOA ACCOUNT TOTAL			218				(30)	188
5051 AIR HEATER OUTLET DUCT 0911 DUCTWORK WITH INSULATION DUCTWORK		23,980 TN	31			110 TN	(7)	24
140 COA ACCOUNT TOTAL			1,148				(237)	910
240 COAL HANDLING SYSTEMS 5244 CONVEYORS TO CRUSHER HSE 1281 STRUCTURAL METAL SUPPORT STEEL		245 TN	34			245 TN	(15)	19
1282 CONVEYOR CONVEYOR CONCRETE - SUPERSTRUCTURE METAL SIDING CONCRETE - TUNNEL		250 LF 84 CY 15,000 SF 2,400 CY	21 16 39 271			22 TN	(1)	21 10 37 271
1282 RUC ACCOUNT TOTAL			346				(1)	344
1283 DRIVE, MOTOR CONVEYOR MOTOR		1						
5244 SUBCOA ACCOUNT TOTAL			380				(17)	363
5245 CONVEYORS TO POWER HSE 1281 STRUCTURAL METAL SUPPORT STEEL		650 TN	90			650 TN	(40)	40
1282 CONVEYOR CONVEYOR		580 LF	46					46

/COA/SUBCOA/ IUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
10	COAL HANDLING SYSTEMS							
5245	CONVEYORS TO POWER HOUSE							
1282	CONVEYOR							
	CONCRETE FOUNDATION	220 CY	3					3
	CONCRETE - SUPERSTRUCTURE	140 CY	3					3
	METAL SIDING	36,000 SF	93			56 TN	(3)	90
1282	RUC ACCOUNT TOTAL		<u>146</u>				<u>(3)</u>	<u>142</u>
1283	DRIVE, MOTOR							
	CONVEYOR MOTOR	2	2			2 TN		2
	COPPER SCRAP					6,180 LB	(2)	(2)
1283	RUC ACCOUNT TOTAL		<u>2</u>				<u>(3)</u>	
5245	SUBCOA ACCOUNT TOTAL		<u>238</u>				<u>(46)</u>	<u>191</u>
5246	TRIPPER CNVR (BUNKER/SILO)							
1302	CONVEYOR							
	CONVEYOR	340 LF	28					28
1303	DRIVE, MOTOR							
	CONVEYOR MOTOR	2						
5246	SUBCOA ACCOUNT TOTAL		<u>28</u>					<u>28</u>
5247	CRUSHERS							
1321	CRUSHER OR BREAKER							
	CRUSHER OR BREAKER	2 EA	5			42 TN	(3)	1
1322	DRIVE, MOTOR							
	CRUSHER MOTOR	2	1			5 TN		1
	COPPER SCRAP					14,400 LB	(6)	(6)
1322	RUC ACCOUNT TOTAL		<u>1</u>				<u>(6)</u>	<u>(5)</u>
5247	SUBCOA ACCOUNT TOTAL		<u>6</u>				<u>(9)</u>	<u>(3)</u>

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTALS
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
140	COAL HANDLING SYSTEMS							
5247	CRUSHERS							
	1322 DRIVE, MOTOR							
140	COA ACCOUNT TOTAL		652				(72)	580
180	COAL HANDLING CRUSHER HSE							
5383	CONCRETE WORK - SUBSTRUCTURE							
2101	FOUNDATION CONCRETE CONCRETE	550 CY	11					67
5384	CH CRUSHER HSE STRL STEEL							
2102	STRUCTURAL STEEL STRUCTURAL STEEL	130 TN	18			130 TN	(8)	10
5385	ARCHITECTURAL WORK							
2102	ARCHITECTURAL GRATING	7,000 SF	18			35 TN	(2)	16
2102	CONCRETE CONCRETE - SUPERSTRUCTURE	800 CY	148					148
2102	ARCHITECTURAL METAL SIDING	21,000 SF	54			11 TN	11	54
5385	SUBCOA ACCOUNT TOTAL		222				(3)	219
5386	CH CRUSHER HSE APPURT							
2181	ELEVATOR ELEVATOR	1 LT						
380	COA ACCOUNT TOTAL		327				(11)	316
440	COAL HANDLING TRANSFER POINTS							
5443	CONCRETE WORK - SUBSTRUCTURE							
2401	CONCRETE WORK CONCRETE	550 CY	87					87
5444	STRUCTURAL STEEL							
2402	STRUCTURAL STEEL STRUCTURAL STEEL	95 TN	13			95 TN	(8)	7



SPP POWER COMPANY
 MILLING STUDY
 1, 2003

PLANT DANIEL UNIT 2
 DETAIL LEVEL REPORT
 DECEMBER 2002\$ X 1000

SOUTHERN COMPANY SERVICES
 FOSSIL/HYDRO
 PROJECT CONTROLS
 PAGE 12

COA/SUBCOA/ IC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT COAL HANDLING TRANSFER POINTS							
45	ARCHITECTURAL WORK							
2402	ARCHITECTURAL GRATING	2,800 SF	7			14 TN	(1)	6
2402	ARCHITECTURAL METAL SIDING	8,200 SF	21			4 TN		21
45	SUBCOA ACCOUNT TOTAL		<u>28</u>				<u>(1)</u>	<u>27</u>
	GOA ACCOUNT TOTAL		<u>129</u>				<u>(7)</u>	<u>122</u>
	WET ASH HANDLING SYS							
141	PYRITE REMOVAL SYSTEM							
3100	PYRITE REMOVAL SYSTEM, COMPLETE REMOVAL SYSTEM	1 LT	3			5 TN		2
142	BOILER BOTTOM ASH RMVL SYS							
3121	ASH HOPPER ASH HOPPER STAINLESS STEEL SCRAP	1	1			7 TN 1 TN	(2)	(2)
3121	RUC ACCOUNT TOTAL		<u>1</u>				<u>(2)</u>	<u>(1)</u>
3124	PIPING PIPING SYSTEM	1 LT	1			1 TN		1
142	SUBCOA ACCOUNT TOTAL		<u>2</u>				<u>(2)</u>	
143	ASH SEPARATOR SYSTEM							
3141	AIR SEPARATOR & TANK AIR SEPARATOR & TANK 1993 STUDY ADDITION-FLY ASH AT STAINLESS STEEL SCRAP	2 EA 2 EA	1			2 TN	(3)	(3)
3141	RUC ACCOUNT TOTAL		<u>1</u>				<u>(3)</u>	<u>(2)</u>
3143	EJECTOR EJECTOR	1						
3144	PIPING							

COA/SUBCOA/ JC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	WET ASH HANDLING SYS							
	343 ASH SEPARATOR SYSTEM							
	3144 PIPING	1 LT	1					1
	PIPING SYSTEM							
	843 SUBCOA ACCOUNT TOTAL		<u>2</u>				<u>(3)</u>	<u>(1)</u>
	844 TRANSPORT SYS							
	3187 PUMP, ASH BOOSTER	2 EA	2			4 TN		1
	PUMP, ASH BOOSTER							
	3188 DRIVE, ASH BOOSTER PUMP	2 LT	1					1
	DRIVE, ASH BOOSTER PUMP							
	COPPER SCRAP					1,200 LB		
	3188 RUC ACCOUNT TOTAL		<u>1</u>				<u>(1)</u>	
	844 SUBCOA ACCOUNT TOTAL		<u>2</u>				<u>(1)</u>	<u>2</u>
	10 COA ACCOUNT TOTAL		<u>9</u>				<u>(6)</u>	<u>3</u>
	10 DRY ASH HANDLING SYSTEM							
	1863 TRANSPORT SYS							
	3231 VACUUM PUMP	1 LT	6			21 TN	(1)	5
	VACUUM PUMP AND PIPING							
	10 CONTROL AIR SYSTEM							
	3701 AIR DRYER SYS							
	3281 DRYER	4	1			4 TN		1
	DRYER							
	5703 AIR DISTRIBUTION SYSTEM							
	3320 AIR DISTRIBUTION SYSTEM							
	COMPRESSOR	1	2			15 TN	(1)	1
	6" PIPE	415 LF	8			1 TN		8
	3320 RUC ACCOUNT TOTAL		<u>11</u>				<u>(1)</u>	<u>10</u>
	00 COA ACCOUNT TOTAL		<u>12</u>				<u>(1)</u>	<u>11</u>

COA/SUBCOA/ C	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
721	BOILER PLANT EQUIPMENT TREATED WATER SYS							
21	RAW WATER SUPPLY							
3342	FOUNDATION							
	FOUNDATION	30 CY	5					5
3343	PIPING							
	4" PIPE	505 LF	8			3 TN		8
	< 4" PIPE	3,000 LF	39			12 TN	(1)	38
3343	RUC ACCOUNT TOTAL		47				(1)	46
3344	PUMP							
	PUMP	2 EA	2			6 TN		1
721	SUBCOA ACCOUNT TOTAL		53				(1)	52
724	DEIONIZED SERVICE WATER SYSTEM							
3404	FOUNDATION							
	FOUNDATION CONCRETE	1 CY						
10	COA ACCOUNT TOTAL		53				(1)	52
10	SERVICE WTR SYS							
3482	PLANT SERVICE WTR SYSTEM							
3481	PUMP							
	PUMP	5 EA	1			5 TN		
3482	DRIVE, PUMP							
	PUMP MOTOR	2	2			2 TN		2
	COPPER SCRAP					6,000 LB	(2)	(2)
3482	RUC ACCOUNT TOTAL		2				(3)	
3483	PIPING, MAIN LINE							
	30" PIPE	25 LF	4			2 TN		3
	20" PIPE	40 LF	3			2 TN		3
	18" PIPE	55 LF	4			2 TN		4
	16" PIPE	80 LF	6			5 TN		6
	12" PIPE	140 LF	7			3 TN		6
	10" PIPE	110 LF	4			2 TN		4
	8" PIPE	80 LF	2			1 TN		2
	6" PIPE	120 LF	3			1 TN		3
	4" PIPE	470 LF	7			3 TN		7

PLANT DANIEL UNIT 2
 DETAIL LEVEL REPORT
 DECEMBER 2002\$ X 1000

BOA/SUBCOA/ JC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	1 SERVICE WTR SYS							
742	PLANT SERVICE WTR SYSTEM							
3483	PIPING, MAIN LINE < 4" PIPE	320 LF	4			1 TN		4
3483	RUC ACCOUNT TOTAL		45				(1)	43
3470	SURGE TANK SURGE TANK FOUNDATION CONCRETE	1 15 CY	1 2			6 TN		2
3470	RUC ACCOUNT TOTAL		3					3
3471	SERVICE WATER COOLER SERVICE WATER COOLER	2 LT				1 TN		
742	SUBCOA ACCOUNT TOTAL		51				(5)	46
0	MAIN STEAM SYSTEM							
401	MAIN STEAM PIPE							
4001	PIPING							
	25.5" PIPE	325 LF	73			39 TN	(2)	71
	20" PIPE	35 LF	6			3 TN		6
	18" PIPE	495 LF	74			42 TN	(3)	71
4001	RUC ACCOUNT TOTAL		153				(5)	148
4002	VALVE, SPECIAL OR POWER OPERAT VALVE, SPECIAL OR POWER OPERAT	4 EA				1 TN		
1401	SUBCOA ACCOUNT TOTAL		153				(5)	148
1402	NOT REHEAT							
4021	PIPING							
	36" PIPE	290 LF	93			52 TN	(3)	90
	30" PIPE	313 LF	63				(3)	60
	28.5" PIPE	580 LF	135				(3)	132
4021	RUC ACCOUNT TOTAL		311				(9)	302
1403	COLD REHEAT SYSTEM							
4041	PIPING							

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT								
0 MAIN STEAM SYSTEM								
403 COLD REHEAT SYSTEM								
4041 PIPING								
	34" PIPE					9 TN	(1)	1
	28.75" PIPE	50 LF	2			91 TN	(6)	165
	24" PIPE	730 LF	170			1 TN		2
		10 LF	2					
4041	RUC ACCOUNT TOTAL		174				(6)	168
10	COA ACCOUNT TOTAL		638				(21)	618
10 EXTRACTION STEAM SYSTEM								
6441 HP HEATER STEAM SYSTEM								
4101 PIPING								
	10" PIPE		7			4 TN		7
	8" PIPE	180 LF	9			5 TN		9
	6" PIPE	300 LF	8			3 TN		6
		280 LF						
4101	RUC ACCOUNT TOTAL		22				(1)	22
6442 LP HEATER STEAM SYSTEM								
4121 PIPING								
	48" PIPE		13			7 TN		13
	30" PIPE	70 LF	5			3 TN		5
	24" PIPE	45 LF	17			9 TN	(1)	17
	20" PIPE	175 LF	3			2 TN		3
		40 LF						
4121	RUC ACCOUNT TOTAL		38				(1)	38
6443 SOOT BLOWER STEAM SYSTEM								
4141 PIPING								
	<4" PIPE	8,250 LF	81			25 TN	(2)	79
6444 AIR HEATER STEAM SYSTEM								
4161 PIPING								
	8" PIPE	305 LF	9			5 TN		9
	6" PIPE	190 LF	4			2 TN		4
4161	RUC ACCOUNT TOTAL		14					13
6445 DEAERATOR STEAM SYSTEM								
4181 PIPING								
	20" PIPE	150 LF	13			6 TN		13
	18" PIPE	15 LF	1					1

COA/SUBCOA/ C	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT								
EXTRACTION STEAM SYSTEM								
45	DEAERATOR STEAM SYSTEM							
4181	PIPING							
	12" PIPE	55 LF	3			1 TN		2
	8" PIPE	175 LF	5			3 TN		5
	6" PIPE	175 LF	4			2 TN		4
	6" PIPE	275 LF	4			2 TN		4
	< 4" PIPE	395 LF	5			1 TN		5
4181	RUG ACCOUNT TOTAL		35				(1)	34
TURBINE GLAND SEAL STM SYSTEM								
4201	PIPING							
	4" PIPE	320 LF	5			2 TN		5
	< 4" PIPE	250 LF	3			1 TN		3
4201	RUG ACCOUNT TOTAL		8					8
4505	PUMP							
4505	PUMP							
446	SUBCOA ACCOUNT TOTAL		8					8
0	COA ACCOUNT TOTAL		200				(5)	195
AUX TURBINE STM & EXHAUST SYS								
6521	FEEDWTR PMP TURB STM & EXH SYS							
4501	PIPING							
	14" PIPE	120 LF	7			4 TN		8
	10" PIPE	140 LF	5			3 TN		5
	8" PIPE	40 LF	1			1 TN		1
	< 4" PIPE	320 LF	4					4
4501	RUG ACCOUNT TOTAL		17					18
4504	PIPING							
	60" PIPE	20 LF	6			2 TN		6
6521	SUBCOA ACCOUNT TOTAL		23				(1)	22

COA/SUBCOA/ C	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT								
AUX TURBINE STM & EXHAUST SYS								
24	TURB GLAND SEAL STM PIPING							
4541	PIPING							
	PIPING	1 LF				1 TN		
4543	PIPING							
	PIPING	1 LF				1 TN		
1524	SUBCOA ACCOUNT TOTAL							
1500	COA ACCOUNT TOTAL		23				(1)	22
VENT AND DRAIN SYSTEMS								
561 BLR VENT & DRAIN SYSTEM								
4601	BOILER VENT							
	4" PIPE	365 LF	5			2 TN		5
4602	BOILER DRAIN							
	< 4" PIPE	465 LF	6			2 TN		6
4607	BOILER BLOWOFF TANK							
	BLOWOFF TANK	1				2 TN		
1561	SUBCOA ACCOUNT TOTAL		12					11
562 HP HTR VENT & DRAIN SYS								
4621	HP HEATER VENTS AND DRAINS							
	6" PIPE	750 LF	17			8 TN		16
	4" PIPE	415 LF	6			2 TN		8
	< 4" PIPE	285 LF	4			1 TN		4
4621	RUG ACCOUNT TOTAL		27				(1)	26
563 LP HEATER VENT & DRAIN SYSTEM								
4641	LP HEATER VENTS AND DRAINS							
	10" PIPE	200 LF	8			4 TN		7
	8" PIPE	285 LF	9			4 TN		9
	6" PIPE	465 LF	10			5 TN		10
	4" PIPE	200 LF	3			1 TN		3
	< 4" PIPE	300 LF	5			1 TN		6

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT VENT AND DRAIN SYSTEMS 1583 LP HEATER VENT & DRAIN SYSTEM 4841 LP HEATER VENTS AND DRAINS							
4841 RUC ACCOUNT TOTAL			34				(1)	33
10 COA ACCOUNT TOTAL			73				(2)	71
30 CONDENSATE SYSTEM 3582 LOW PRESSURE HEATERS 4921 LOW PRESSURE HEATER LOW PRESSURE HEATER	4 EA	6				98 TN	(6)	
3583 POLISHING UNIT 4941 PUMP PUMP	5 EA	1				3 TN		1
4942 DRIVE, PUMP PUMP MOTOR	1							
4943 TANK TANK	1 EA	1				6 TN		1
4944 FOUNDATION FOUNDATION	280 CY	41						41
4946 POLISHING UNIT POLISHING UNIT	1 LT	1				25 TN	(2)	(1)
4583 SUBCOA ACCOUNT TOTAL			44				(2)	42
6584 DEAERATOR & STORAGE TANK 4961 DEAERATOR DEAERATOR STAINLESS STEEL SCRAP	1 EA	3				20 TN 2 TN	(1) (2)	1 (2)
4961 RUC ACCOUNT TOTAL			3				(3)	(1)
4963 DEAERATOR STORAGE TANK TANK	2	5				42 TN	(9)	(4)

)A/SUBCOA/ DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
OILER PLANT EQUIPMENT							
CONDENSATE SYSTEM							
4 DEAERATOR & STORAGE TANK							
863 DEAERATOR STORAGE TANK							
4 SUBCOA ACCOUNT TOTAL		<u>8</u>				<u>(12)</u>	<u>(4)</u>
15 CONDENSATE PUMPS & DRIVES							
1881 PUMP, CONDENSATE							
PUMP, CONDENSATE	3 EA	3			4 TN		2
1882 DRIVE, PUMP							
DRIVE, PUMP	3 EA	1			4 TN		1
COPPER SCRAP					11,736 LB	(5)	(5)
1882 RUC ACCOUNT TOTAL		<u>1</u>				<u>(5)</u>	<u>(4)</u>
85 SUBCOA ACCOUNT TOTAL		<u>4</u>				<u>(5)</u>	<u>(2)</u>
COA ACCOUNT TOTAL		<u>81</u>				<u>(25)</u>	<u>36</u>
1 CONDENSATE AUXILIARY SYSTEMS							
104 SPRAY WTR SYS							
5181 PIPING							
PIPING	1 LF				1 TN		
1 FEEDWATER SYSTEM							
121 FEEDWTR PIPING							
5301 PIPING							
18" PIPE	220 LF	15			7 TN		14
14" PIPE	105 LF	8			3 TN		6
8" PIPE	300 LF	7			3 TN		6
4" PIPE	485 LF	7			3 TN		7
< 4" PIPE	120 LF	2					2
5301 RUC ACCOUNT TOTAL		<u>38</u>				<u>(1)</u>	<u>36</u>
1822 HIGH PRESSURE HEATERS							
5321 HEATER							
HEATER	2 EA	3			62 TN	(4)	(1)
1825 FEED WATER SYS							
5381 PUMP, FEEDWATER							

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SAVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
0	BOILER PLANT EQUIPMENT FEEDWATER SYSTEM							
625	FEED WATER SYS 5381 PUMP, FEEDWATER PUMP, FEEDWATER	2 EA	3			20 TN	(1)	1
5385	DRIVE, TURBINE TURBINE	2	3			64 TN	(4)	(1)
1625	SUBCOA ACCOUNT TOTAL		<u>6</u>				<u>(5)</u>	
10	COA ACCOUNT TOTAL		<u>44</u>				<u>(10)</u>	<u>34</u>
10	FEEDWTR AUX SYS							
1641	FEEDWTR MINIMUM FLOW LINES							
5501	PIPING							
	14" PIPE	300 LF	18			9 TN	(1)	16
	6" PIPE	335 LF	7			3 TN		7
	< 4" PIPE	180 LF	2					2
5501	RUC ACCOUNT TOTAL		<u>28</u>				<u>(1)</u>	<u>25</u>
1643	FEEDWATER RECIRCULATING LINES							
5541	PIPING							
	8" PIPE	250 LF	6			3 TN		6
	6" PIPE	175 LF	4			2 TN		4
	< 4" PIPE	175 LF	2					2
5541	RUC ACCOUNT TOTAL		<u>12</u>					<u>12</u>
1644	SPRAYWATER SYSTEMS							
5564	PIPING							
	PIPING	1 LF				1 TN		
10	COA ACCOUNT TOTAL		<u>38</u>				<u>(1)</u>	<u>37</u>
10	LUBE OIL SYSTEM							
8702	FEEDWATER PMP TURB OIL SYSTEM							
8024	DRIVE, PUMP PUMP MOTOR	1						

QA/SUBCOA/ C	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	OTHER MISC MOTORS							
00	MISC MOTORS							
9999	OTHER MISC MOTORS							
	MISC MOTORS							
	COPPER SCRAP					3 TN 8,393 LB	(3)	(3)
9999	RUC ACCOUNT TOTAL						(4)	(4)
	FERG ACCOUNT TOTAL		4,961				(811)	4,050
	TURBOGENERATOR UNITS							
	TURBINE GENERATOR SYSTEM							
521	TURB/GEN FOUNDATION							
0001	FOUNDATION	2,395	236					236
522	TURBINE							
0011	CASING OR SHELL WITH INSULATIO TURBINE GENERATOR	3	1,278			687	(43)	1,236
529	TURBINE DRAIN SYSTEM							
0160	TURBINE DRAIN SYSTEM, COMPLETE 8" PIPE	145	5			2		4
530	GENERATOR COOLING & PURGE							
0181	TANK, TURBINE GEN SYS., GENERAT TANK	6	6			14	(1)	5
0182	COOLING UNIT, GENERATOR COOLING COOLING UNIT	2	2			5		2
7530	SUBCOA ACCOUNT TOTAL		7				(1)	6
20	COA ACCOUNT TOTAL		1,528				(44)	1,482
00	CONDENSING SYSTEM							
7701	CONDENSER							
0321	CASING, CONDENSING SYSTEM CASING	1	23			556	(34)	(11)
7702	CONDENSER CONNECTIONS							
0341	PIPING, CONDENSER CONNECTIONS							

SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	TURBOGENERATOR UNITS							
7702	CONDENSING SYSTEM							
7702	CONDENSER CONNECTIONS							
0341	PIPING, CONDENSER CONNECTIONS 72" PIPE	25 LF	7			22 TN	(1)	8
7703	VACUUM SYSTEM							
0363	PUMP, VACUUM, VACUUM SYSTEM PUMP	2	2			1 TN		2
0364	DRIVE, PUMP, VACUUM SYSTEM PUMP MOTOR COPPER SCRAP	2				2 TN 4,560 LB	(2)	(2)
0364	RUC ACCOUNT TOTAL						(2)	(2)
7703	SUBCOA ACCOUNT TOTAL		2				(2)	
7704	CONDENSER TUBE CLEANING SYS							
0380	CONDENSER TUBE CLEANING SYSTEM PIPING	1	1			3 TN		1
7704	COA ACCOUNT TOTAL		33				(38)	(5)
7749	COOLING WATER SYSTEM							
7749	COOLING WTR PASSAGEWAYS							
0502	PIPING, COOLING WATER PASSAGEW PIPING, COOLING WATER PASSAGEW	1,800 LF	49					49
7749	COOLING WTR PUMPS & DRIVES							
0861	PUMP, COOLING WATER PUMPS & DR PUMP	2	2			18 TN	(1)	1
0862	DRIVE, PUMP, COOLING WATER PUM PUMP MOTOR COPPER SCRAP	2	2			8 TN 23,160 LB	(1) (9)	1 (9)
0862	RUC ACCOUNT TOTAL		2				(10)	(8)
7749	SUBCOA ACCOUNT TOTAL		4				(11)	(7)

COA/SUBCOA/ IC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
TURBOGENERATOR UNITS								
1 COOLING WATER SYSTEM								
149 COOLING WTR PUMPS & DRIVES								
0882 DRIVE, PUMP, COOLING WATER PUM								
COA ACCOUNT TOTAL			<u>53</u>				<u>(11)</u>	<u>43</u>
LUBE OIL SYSTEM								
001 TURBINE GEN LUBE OIL SYS								
1201 FILTERING UNIT, TURBINE GENERA								
FILTERING UNIT								
		1 LT	1			2 TN		1
FERC ACCOUNT TOTAL			<u>1,814</u>				<u>(83)</u>	<u>1,521</u>
ACCESSORY ELEC EQUIPMENT								
0 CABLE								
000								
2000 CABLE								
		POWER CABLE	1,167,800 LF	189				189
		COPPER SCRAP				27,164 LB	(11)	(11)
		INSTRUMENT CABLE	537,000 LF	9				9
		COPPER SCRAP				170,859 LB	(66)	(66)
2000 RUC ACCOUNT TOTAL			<u>178</u>				<u>(77)</u>	<u>101</u>
00 RACEWAY SITE								
0021 TUR BLDG TRUNK RACEWAY								
0002 CABLETRAYS, EACH CONTINUOUS RU								
		CABLE TRAY	121,945 LF	91		70,564 LB	(27)	(27)
		ALUMINUM SCRAP				100 TN	(10)	40
		CONDUIT	37,286 LF	50		148,928 LB	(58)	(58)
		ALUMINUM SCRAP						
0002 RUC ACCOUNT TOTAL			<u>141</u>				<u>(96)</u>	<u>46</u>
00 GROUND SYSTEM								
0061 SITE GROUND								
0400 SITE GROUND SYSTEM, COMPLETE								
		SITE GROUND SYSTEM, COMPLETE	30,000 LB	17		51,000 LB	(20)	17
		COPPER SCRAP						(20)
0400 RUC ACCOUNT TOTAL			<u>17</u>				<u>(20)</u>	<u>(3)</u>

COA/SUBCOA/ C	DESCRIPTION	REMOVAL QUANTITY	COST	DISPOSAL QUANTITY	COST	SALVAGE QUANTITY	COST	TOTAL
02	CESSORY ELEC EQUIPMENT GEN BUS SYS	1 LB	0			42,440 LB	(16)	9 (16)
1621	BUS EQUIPMENT & SUPPORT BUS, GENERATOR BUS SVS. BUS, GENERATOR BUS SVS. COPPER SCRAP	8					(16)	8 (16)
0621	RUC ACCOUNT TOTAL							
0623	INSTRUMENT TRANSFORMER, GEN, BU TRANSFORMER COPPER SCRAP	7 EA	2			2 TN 7,910 LB	(3)	2 (3)
0623	RUC ACCOUNT TOTAL	2					(3)	(1)
102	SUBCOA ACCOUNT TOTAL	11					(20)	(9)
10	CENTRALIZED PLANT CONTROL SYS 141 METERING & RELAYING 1003 PANEL, CENTRALIZED PLANT CONTR PANEL, CENTRALIZED PLANT CONTR	7 LT	1					1
0	RACKS & PANELS 180 LOCAL RACKS AND PANELS 1302 LOCAL PANEL LOCAL PANEL	5 EA						
0	D.C. SYSTEM 125/250 V 243 BATTERY SYSTEM 1643 CHARGER, BATTERY CHARGER, BATTERY	5 EA						
10	A.C. SYSTEM 120/208 V 1361 DISTRIBUTION SYSTEM 2145 SWITCH DISTRIBUTION CABINET	18	3					3
1384	TRANSFORMER SYSTEM 2161 TRANSFORMER 1983 STUDY ADDITION, TRANSFORME	1 EA	2			1 EA	(36)	(34)
50	COA ACCOUNT TOTAL	6					(36)	(31)

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	ACCESSORY ELEC EQUIPMENT							
20	AC SYSTEM - 500KV							
8921	DISTRIBUTION SYSTEM - 500KV							
3367	MOTOR CONTROL CENTER MOTOR CONTROL CENTER STAINLESS STEEL SCRAP	2				2 TN		
3367	RUC ACCOUNT TOTAL							
	FERC ACCOUNT TOTAL		394				(375)	18
	MISC. PLANT EQUIPMENT							
520	INTRSITE COMMUNICATION SYS							
1521	TELEPHONE SYS							
0001	TELEPHONE SYS TELEPHONE SYS	4 LT	2					2
580	CENTRAL VACUUM SYSTEM							
1560	CENTRAL VACUUM CLEANING SYS							
0142	MOTOR MOTOR	1						
580	PLANT SUPPORT EQUIPMENT							
1586	ENVIRONMENTAL MONITORING EQUIP							
0701	AIR MONITOR AIR MONITOR	1 EA						
0701	GEMS GEMS	1 EA						
1586	SUBCOA ACCOUNT TOTAL							
1587	VEHICLE REPAIR EQUIPMENT							
2102	BATTERY CHARGER BATTERY CHARGER COPPER SCRAP	1				1 TN 1,860 LB	(1)	(1)
2102	RUC ACCOUNT TOTAL						(1)	(1)
580	COA ACCOUNT TOTAL		1				(1)	

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	MISC. PLANT EQUIPMENT							
	0 PLANT SUPPORT EQUIP							
	597 VEHICLE REPAIR EQUIPMENT							
	2102 BATTERY CHARGER							
FERC ACCOUNT TOTAL			3				(1)	2
STATION EQUIPMENT								
10 TRANSFORMERS								
1401 POWER TRANSFORMER								
0108 POWER TRANSFORMER		1	38			120 TN	(12)	24
POWER TRANSFORMER						561,400 LB	(218)	(218)
COPPER SCRAP								
0108 RUC ACCOUNT TOTAL			38				(231)	(194)
0180 POWER TRANSFORMER								
POWER TRANSFORMER		1	31			104 TN	(11)	21
COPPER SCRAP						485,100 LB	(189)	(189)
0180 RUC ACCOUNT TOTAL			31				(199)	(168)
9401 SUBCOA ACCOUNT TOTAL			69				(430)	(362)
TOTAL			10,108				(2,336)	7,772
CONTINGENCY								
00 CONTINGENCY								
0000 CONTINGENCY								
0000 CONTINGENCY			728					728
CONTINGENCY								
ND TOTAL			10,836				(2,336)	8,500



Daniel Common Facilities

Detail Level Report



COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	CONSTRUCTION CLEARING ACCTS							
	PRODUCTION COSTS							
041	SUPERVISORY TRAINING SALARIES							
0041	MPC GENERATION SUPERVISION							
	MPC GENERATION SUPERVISION	8 MY	720					720
0	TEMPORARY SERVICES							
201	TEMPORARY SERVICES							
0201	TEMPORARY CONSTRUCTION SERVICE							
	TEMPORARY CONSTRUCTION SERVICE		578					578
	DEMOLITION CONTRACTOR MOBILIZA		808					808
0201	RUC ACCOUNT TOTAL		<u>1,186</u>					<u>1,186</u>
0	SAFETY & SECURITY FACILITIES							
0221	GUARD SERVICES							
0221	SECURITY SERVICES							
	SECURITY SERVICES	9 MY	350					350
	FERC ACCOUNT TOTAL		<u>2,255</u>					<u>2,255</u>
	ENGINEERING							
0	ENGINEERING SCS							
0241	DESIGN-SALARIES							
0241	SCS ENGINEERING (RECORDS CLOSE							
	SCS ENGRG (RECORDS CLOSEOUT)	2,000 MH	150					150
0	ENGINEERING-OPERATING COMPANY							
0281	DESIGN-SALARIES							
0281	MPC ENGINEERING							
	MPC ENGINEERING		289					289
0285	DATA PROCESSING-SALARIES							
0285	COST OF PERMITS							
	COST OF PERMITS		65					65
0	COA ACCOUNT TOTAL		<u>354</u>					<u>354</u>
0	CONSTRUCTION INSURANCE							
0381	WRAP-UP INSURANCE							
0381	WRAP-UP AND ALL RISK INSURANCE							
	WRAP-UP AND ALL RISK INSURANCE		1,444					1,444

DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$
0000 SUBCOA/IC							
ENGINEERING							
CONSTRUCTION INSURANCE							
61 WRAP-UP INSURANCE							
0361 WRAP-UP AND ALL RISK INSURANCE							
FERG ACCOUNT TOTAL		1,948					1,948
OVERHEADS							
GENERAL OVERHEAD							
0481 GENERAL ADMINISTRATION							
ADMIN & GEN OVERHEAD							
ADMIN & GEN OVERHEAD		269					269
STRUCTURES & IMPROVEMENTS							
INITIAL SITE PREPARATION							
DEMOLITION INITIAL SITE PREPAR							
0001 INITIAL SITE PREPARATION							
TOPSOIL PLACING	60,000 CY	467					467
TOPSOIL PURCHASE	60,000 CY	311					311
0001 RUC ACCOUNT TOTAL		778					778
SITE IMPROVEMENTS							
0044 YARD SANITARY WATER SYS							
WELL (YARD SANITARY WATER)							
PUMP	2						11
0045 TANK (YARD SANITARY WATER)					15 TN	(1)	(1)
TANK							
044 SUBCOA ACCOUNT TOTAL		11				(1)	10
0 PONDS							
064 ASH DISPOSAL POND							
0230 ASH DISPOSAL POND							
DEWATERING	1 LT	65					65
CLAY PLACING	60,000 CY	502					502
CLAY PURCHASE	60,000 CY	335					335
DITCH & MATTING	1 LT	36					36
LANDSCAPE	25 AC	39					39
CONCRETE - SPILLWAY	340 CY	54					54
TOPSOIL PLACING	20,000 CY	156					156
TOPSOIL PURCHASE	20,000 CY	104					104

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
STRUCTURES & IMPROVEMENTS							
PONDS							
4 ASH DISPOSAL POND							
230 ASH DISPOSAL POND							
230 RUC ACCOUNT TOTAL		1,280					1,280
231 LANDFILL AREA							
DEWATERING	1 LT	122					122
CLAY PLACING	180,000 CY	1,505					1,505
CLAY PURCHASE	180,000 CY	1,008					1,008
DITCHES & MATTING	1 LT	81					81
TOPSOIL PLACING	80,000 CY	502					502
TOPSOIL PURCHASE	80,000 CY	335					335
1231 RUC ACCOUNT TOTAL		3,530					3,530
34 SUBCOA ACCOUNT TOTAL		4,821					4,821
PERMANENT RAILROAD SYSTEM							
02 TRESTLES, PERMANENT RAILROAD S							
0310 TRESTLE, COMPLETE							
TRESTLE, COMPLETE	4,000 TN	552			4,000 TN	(248)	304
SITE FIRE PROTECTION SYSTEM							
21 WATER DISTRIBUTION SYSTEM							
0352 PUMP, WATER DIST. SYS., FIRE PROT							
PUMP - SITE FIRE PROTECTION	3	4			12 TN	(1)	3
PUMP - BOOSTER	2	2			4 TN		1
PUMP - JOCKEY	2				1 TN		
0352 RUC ACCOUNT TOTAL		6				(1)	5
0353 MOTOR							
PUMP MOTOR	2	1			1 TN		1
COPPER SCRAP					3,000 LB	(1)	(1)
0353 RUC ACCOUNT TOTAL		1				(1)	
121 SUBCOA ACCOUNT TOTAL		7				(2)	5
122 CARBON DIOXIDE SYSTEM							
0380 CARBON DIOXIDE SYSTEM, COMP.,S							

DECEMBER 2002 X 1000

SCO/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	STRUCTURES & IMPROVEMENTS							
20	SITE FIRE PROTECTION SYSTEM							
2122	CARBON DIOXIDE SYSTEM							
0360	CARBON DIOXIDE SYSTEM, COMP.,S CO2 FIRE PROTECTION SYSTEM	1	2			3 TN		1
2123	STORAGE FACILITIES-WATER							
0371	FOUNDATION,WATER STOR.,FACIL.,S FOUNDATION	250 CY	40					40
0373	TANK,WATER STOR. FACIL.,SITE F TANK	2 EA	1			94 TN	(6)	(5)
2123	SUBCOA ACCOUNT TOTAL		41				(6)	35
20	COA ACCOUNT TOTAL		49				(6)	41
100	CONTROL ROOM							
2404	STRUCTURAL STEEL							
1302	STRUCTURAL STEEL STRUCTURAL STEEL	20 TN	3			20 TN	(1)	2
2409	CONCRETE WORK SUPERSTRUCTURE							
1302	CONCRETE WORK - SUPERSTRUCTURE ROOF	65 CY	16					16
1302	CONCRETE WORK - SUPERSTRUCTURE CONCRETE	315 CY	50					50
2409	SUBCOA ACCOUNT TOTAL		66					66
100	COA ACCOUNT TOTAL		68				(1)	67
500	MAINT EQUIP STORAGE HOUSE							
2503	CONCRETE WORK - SUBSTRUCTURE							
1801	CONCRETE CONCRETE	1,680 CY	169					169
2504	STRUCTURAL STEEL							
1802	STRUCTURAL STEEL STRUCTURAL STEEL	55 TN	8			55 TN	(3)	4

DA/SUBCOA/ DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
STRUCTURES AND IMPROVEMENTS							
MAINT. STORAGE HOUSE							
5 ARCHITECTURAL WORK							
802 SUPERSTRUCTURE							
1993 STUDY ADDITION-24 X 48 EQ	1 EA	2					2
802 ARCHITECTURAL SIDING	8,000 SF	10					10
1802 ARCHITECTURAL MASONRY WALL	800 SF	2					2
1802 CONCRETE CONCRETE WORK - SUPERSTRUCTURE	300 CY	58					58
05 SUBCOA ACCOUNT TOTAL		<u>71</u>					<u>71</u>
1 COA ACCOUNT TOTAL		<u>268</u>				(3)	<u>264</u>
1 SERVICE BLDG							
103 CONCRETE WORK - SUBSTRUCTURE							
2301 FOUNDATION CONCRETE CONCRETE	2,870 CY	52					52
804 STRUCTURAL STEEL							
2302 STRUCTURAL STEEL	400 TN	55			400 TN	(25)	30
STEEL	1 LT	182					182
1993 STUDY ADDITION-SERVICE BU ROOF	480 SF	86					86
2302 RUC ACCOUNT TOTAL		<u>323</u>				(25)	<u>298</u>
1809 CONCRETE WORK - SUPERSTRUCTURE							
2302 SUPERSTRUCTURE CONCRETE SUPERSTRUCTURE CONCRETE	800 CY	148					148
00 COA ACCOUNT TOTAL		<u>524</u>				(25)	<u>500</u>
00 WATER TREATMENT BUILDING							
2703 CONCRETE WORK - SUBSTRUCTURE							
2801 FOUNDATION CONCRETE CONCRETE	1,570 CY	177					177

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 2002 X 1000

/COA/SUBCOA/ IUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
00	STRUCTURES & IMPROVEMENTS 1704 WATER TREATMENT BUILDING 2802 STRUCTURAL STEEL	75 TN	10			75 TN	(5)	6
2705	ARCHITECTURAL WORK: 2802 ARCHITECTURAL SIDING	11,350 SF	15			6 TN		14
	2802 ARCHITECTURAL MASONRY WALL	2,280 SF	3					3
	2802 ARCHITECTURAL ROOF	180 CY	35					35
2705	SUBCOA ACCOUNT TOTAL		<u>53</u>					<u>53</u>
00	COA ACCOUNT TOTAL		<u>241</u>				(5)	<u>235</u>
00	EMERGENCY GENERATOR BLDG 2803 CONCRETE WORK - SUBSTRUCTURE 3301 FOUNDATION CONCRETE	110 CY	17					17
2804	STRUCTURAL STEEL 3302 STRUCTURAL STEEL	5 TN	1			5 TN		1
2805	ARCHITECTURAL WORK 3302 ARCHITECTURAL SIDING	1,040 SF	1			1 TN		1
00	COA ACCOUNT TOTAL		<u>18</u>					<u>19</u>
140	PRECIPITATOR CONTROL HOUSE 2843 CONCRETE WORK - SUBSTRUCTURE 3501 CONCRETE CONCRETE WORK	1,080 CY	171					171
2844	STRUCTURAL STEEL 3502 STRUCTURAL STEEL	20 TN	3			20 TN	(1)	2

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	STRUCTURES & IMPROVEMENTS							
340	PRECIPITATOR CONTROL HOUSE							
2845	ARCHITECTURAL WORK							
3502	ARCHITECTURAL SIDING	1,800 SF	2			1 TN		2
3502	ARCHITECTURAL MASONRY WALL	1,800 SF	2					2
2845	SUBCOA ACCOUNT TOTAL		<u>4</u>					<u>4</u>
840	COA ACCOUNT TOTAL		<u>178</u>				(1)	<u>178</u>
860	FIRE PROTECTION BLDG							
2863	CONCRETE WORK - SUBSTRUCTURE							
3801	FOUNDATION CONCRETE CONCRETE	210 CY	33					33
2864	STRUCTURAL STEEL							
3802	STRUCTURAL STEEL STRUCTURAL STEEL	13 TN	2			13 TN	(1)	1
880	COA ACCOUNT TOTAL		<u>35</u>				(1)	<u>34</u>
880	SERVICE WTR CHLORINE HSE							
2883	CONCRETE WORK-SUBSTR							
3701	CONCRETE CONCRETE	102 CY	18					18
2884	STR STEEL							
3702	STRUCTURAL STEEL STRUCTURAL STEEL	22 TN	3			22 TN	(1)	2
880	COA ACCOUNT TOTAL		<u>19</u>				(1)	<u>18</u>
800	CIRC WATER CHLORINE HOUSE							
2804	STRUCTURAL STEEL							
3802	STRUCTURAL STEEL STEEL					1 TN		

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	STRUCTURES & IMPROVEMENTS							
0	SECURITY BLDG							
923	CONCRETE WORK - SUBSTRUCTURE							
3901	CONCRETE CONCRETE	85 CY	13					13
924	STRUCTURAL STEEL							
3902	STRUCTURAL STEEL STRUCTURAL STEEL	12 TN	2			12 TN	(1)	1
30	COA ACCOUNT TOTAL		15				(1)	14
10	WASTE WATER CONTROL HOUSE							
1043	CONCRETE WORK - SUBSTRUCTURE							
4301	CONCRETE CONCRETE	53 CY	8					8
1044	STRUCTURAL STEEL							
4302	STRUCTURAL STEEL STRUCTURAL STEEL	4 TN	1			4 TN		5
40	COA ACCOUNT TOTAL		9					9
80	FIRE PROTECTION TRANSFORMER HS							
3083	CONCRETE WORK - SUBSTRUCTURE							
4401	CONCRETE CONCRETE WORK	6 CY	1					1
3084	STRUCTURAL STEEL							
4402	STRUCTURAL STEEL STRUCTURAL STEEL	2 TN				2 TN		2
80	COA ACCOUNT TOTAL		1					1
80	AIR COMPRESSOR HOUSE							
3083	CONCRETE WORK - SUBSTRUCTURE							
4501	CONCRETE CONCRETE WORK	240 CY	38					38
3084	STRUCTURAL STEEL							
4502	STRUCTURAL STEEL STRUCTURAL STEEL	35 TN	5			35 TN	(2)	3

DECEMBER 2002\$ X 1000

COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	STRUCTURES & IMPROVEMENTS							
80	AIR COMPRESSOR HOUSE							
	3084 STRUCTURAL STEEL							
	4502 STRUCTURAL STEEL							
180	COA ACCOUNT TOTAL		43				(2)	41
40	FUEL PUMP HOUSE							
	3143 CONCRETE WORK - SUBSTRUCTURE							
	4701 CONCRETE							
	CONCRETE WORK	210 CY	33					33
	3144 STRUCTURAL STEEL							
	4702 STRUCTURAL STEEL							
	STRUCTURAL STEEL	20 TN	3			40 TN	(2)	
40	COA ACCOUNT TOTAL		36				(2)	34
100	SEWAGE TREATMENT FACILITY							
	3301 COLLECTION SYSTEM							
	5802 PUMP, COLL.SYS.-SEWAGE TREAT.							
	PUMP, COLL.SYS.-SEWAGE TREAT.	2 EA	1					1
	3302 WTR TREATMENT FACILITY							
	5821 TANK, SEDIMENT, FACIL.-SEWAGE TR							
	TANK	2	1					1
100	COA ACCOUNT TOTAL		2					1
180	UTILITY PIPING TRENCH							
	3360 UTILITY TRENCH							
	6101 TRENCH, COMP., UTILITY TRENCH							
	TRENCH	1,776 CY	281					281
100	WASTE WATER TREATMENT SYSTEM							
	3402 SEDIMENTATION FACILITIES							
	6321 CONCRETE							
	CONCRETE - CHEM WASH BASIN	1,110 CY	175					175
	FERC ACCOUNT TOTAL		8,125				(301)	7,824

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 2002 X 1000

COA/SUBCOA/ UC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	0 CONTAMINATION REMOVAL							
	000 CONTAMINATION REMOVAL							
	0000 CONTAMINATION REMOVAL							
	CHEMICAL RESIDUE	45 DR		45				3
	CONTAMINATED SOIL	2,700 CY	2	2,700	1			1
	TANK SLUDGE	800 CY		800				
0000	RUC ACCOUNT TOTAL		3		1			3
	0 OIL HANDLING AND FIRING SYSTEM							
	022 FUEL SUPPLY FACILITIES							
	0541 CONCRETE							
	EQUIP FOUNDATION	75 CY	12					12
	OTHER FOUNDATION	280 CY	48					48
0541	RUC ACCOUNT TOTAL		58					58
	0542 PIPING							
	8" PIPE	880 LF	21			10 TN	(1)	21
	6" PIPE	400 LF	9			4 TN		9
	4" PIPE	825 LF	10			3 TN		10
0542	RUC ACCOUNT TOTAL		40				(1)	39
	0544 PUMP							
	PUMP	2	1			1 TN		1
	0545 MOTOR							
	MOTOR	2				1 TN		
	0548 PIPING							
	LESS THAN 4" DIAMETER PIPE	880 LF	12			4 TN		12
	STRAINER	4	2			23 TN	(1)	
0548	RUC ACCOUNT TOTAL		14				(2)	13
4922	SUBCOA ACCOUNT TOTAL		113				(3)	110
	4923 FUEL STORAGE FACILITIES							
	0571 CONCRETE							
	TANK FOUNDATION	875 CY	107					107
	EQUIPMENT FOUNDATION	31 CY	5					5
	TANK FOUNDATION - NEW TANK	325 CY	51					51

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 2002\$ X.1000

C/GOA/SUBGOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1920	BOILER PLANT EQUIPMENT OIL HANDLING AND FIRING SYSTEM							
4923	FUEL STORAGE FACILITIES 0571 CONCRETE							
0571	RUC ACCOUNT TOTAL		183					183
0572	TANK TANK 1993 STUDY ADDITION-WASTE OIL NEW FUEL TANK	2 1 LT 1	104 8 52	380 TN 380 TN	10 10			114 8 62
0572	RUC ACCOUNT TOTAL		162		20			182
0573	PUMP PUMP	4	5			28 TN	(2)	3
0575	PIPING 12" PIPE 8" PIPE 6" PIPE 4" PIPE < 4" PIPE	325 LF 240 LF 440 LF 420 LF 660 LF	15 7 10 7 9			8 TN 4 TN 4 TN 2 TN 3 TN		15 7 9 8 6
0575	RUC ACCOUNT TOTAL		47				(1)	46
0578	RETAINING ENCLOSURE RETAINING ENCLOSURE	11 CY	2					2
4923	SUBGOA ACCOUNT TOTAL		379		20		(3)	396
1920	GOA ACCOUNT TOTAL		492		20		(6)	506
1980	LIGHTER OIL SYSTEM 4962 FUEL SUPPLY FACILITIES 0631 FOUNDATION FOUNDATION GRATING CONCRETE - TRENCH	11 CY 2,400 SF 160 CY	2 3 25					2 3 25
0631	RUC ACCOUNT TOTAL		30					30
0632	PIPING							

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 2002\$ X 1000

RC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 BOILER PLANT EQUIPMENT							
4980 LIGHTER OIL SYSTEM							
4982 FUEL SUPPLY FACILITIES							
0632 PIPING							
TRENCH GRATING							
6" PIPE	320 LF	7			14 TN	(1)	(1)
4" PIPE	425 LF	7			3 TN		7
					2 TN		6
0632 RUC ACCOUNT TOTAL		<u>14</u>				<u>(1)</u>	<u>12</u>
0634 PUMP							
PUMP	4 EA	3			2 TN		3
0638 PIPING							
< 4" PIPE	785 LF	10			6 TN		10
4982 SUBCOA ACCOUNT TOTAL		<u>57</u>				<u>(2)</u>	<u>56</u>
4983 FUEL STORAGE FAC							
0671 FOUNDATION							
FOUNDATION	110 CY	17					17
0672 TANK							
RETAINING WALL	220 CY	35					35
4983 SUBCOA ACCOUNT TOTAL		<u>52</u>					<u>52</u>
4980 COA ACCOUNT TOTAL		<u>110</u>				<u>(2)</u>	<u>108</u>
5000 AUXILIARY BOILER							
5001 BOILER							
0701 FOUNDATION							
FOUNDATION	105 CY	17					17
0702 BOILER PACKAGE							
BOILER PACKAGE	1 LT	7			85 TN	(5)	2
5001 SUBCOA ACCOUNT TOTAL		<u>24</u>				<u>(5)</u>	<u>10</u>
5002 FEED WATER							
0711 PUMP							

RUC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2	BOILER PLANT EQUIPMENT							
5000	AUXILIARY BOILER							
5002	FEED WATER PUMP	1 EA	1			1 TN		1
0711	PUMP							
0712	DRIVE, PUMP	4 LT						
	DRIVE, PUMP							
0713	FOUNDATION	1 CY						
	FOUNDATION							
0714	PIPING							
	8" PIPE	120 LF	3			1 TN		3
	4" PIPE	200 LF	3			1 TN		3
0714	RUC ACCOUNT TOTAL		6					6
0717	PIPING							
	< 4" PIPE	385 LF	5			1 TN		5
5002	SUBCOA ACCOUNT TOTAL		12					12
5005	STEAM DIST SYS							
0745	PIPING							
	10" PIPE	230 LF	9			5 TN		9
	8" PIPE	200 LF	6			3 TN		6
	4" PIPE	320 LF	5			2 TN		5
0745	RUC ACCOUNT TOTAL		20				(1)	19
0748	PIPING							
	PIPING	630 LF	8			3 TN		8
5005	SUBCOA ACCOUNT TOTAL		28				(1)	27
5000	COA ACCOUNT TOTAL		64				(6)	58
5080	STACK							
5083	CONCRETE WORK - SUBSTRUCTURE							
0921	FOUNDATION, COMPLETE	5,080 CY	98					98
	FOUNDATION							

COA/SUBCOA/ JC	DESCRIPTION	REMOVAL QUANTITY	COST	DISPOSAL QUANTITY	COST	SALVAGE QUANTITY	COST	TOTAL
088	STEEL LINER	1	130	8,000	207			337
0929	STACK LINER	110	15			110	(7)	8
	STACK SHELL		243		207		(7)	444
0	COA ACCOUNT TOTAL							
0	COAL HANDLING SYSTEMS							
241	UNLOADING CONVEYORS	1,080	171					171
1201	CONVEYOR	400	33					33
	CONCRETE - BASESLAB	40	8					8
	CONCRETE - TRIPPER HOUSING							
1201	RUC ACCOUNT TOTAL		210					210
1202	DRIVE, MOTOR	4						
	CONVEYOR MOTOR							
3241	SUBCOA ACCOUNT TOTAL		211					211
3242	STOCKOUT SYS							
1221	STRUCTURAL METAL	1	1					1
	GRATING	1	68					68
	SIDING	90	12					7
	SUPPORT STEEL							
1221	RUC ACCOUNT TOTAL		83					76
1222	FOUNDATION							
	FOUNDATION CONCRETE	60	13					13
1223	CONVEYOR	220	18					18
	CONVEYOR	35	7					7
	CONCRETE - SUPERSTRUCTURE							
1223	RUC ACCOUNT TOTAL		25					25

UC	DESCRIPTION	REMOVAL QUANTITY	REMOVAL COST	DISPOSAL QUANTITY	DISPOSAL COST	SALVAGE QUANTITY	SALVAGE COST	TOTAL \$
1227	BOILER PLANT EQUIPMENT	2						
	0 COAL HANDLING SYSTEMS							
	242 STOCKOUT SYS							
	1224 DRIVE MOTOR	1						
	CONVEYOR MOTOR							
	1227 DRIVE, REDUCTION GEAR							
	DRIVE, REDUCTION GEAR							
	1222 SUBCOA ACCOUNT TOTAL		122				(7)	115
1243	TRANSFER CONVEYOR, COAL HANDL							
	1243 DRIVE MOTOR	1						
	CONVEYOR MOTOR							
	COPPER SCRAP					1 TN	(1)	
						3,664 LB		
	1243 RUC ACCOUNT TOTAL						(2)	
1362	COAL STORAGE AREA							
	1362 COAL STORAGE YARD							
	COAL STORAGE YARD EXCAVATION	35,000 CY	272					7
	FILL MATERIAL PURCHASE	43,000 CY	223					2
	BACKFILL PLACEMENT	43,000 CY	335					
	1362 RUC ACCOUNT TOTAL		630					830
5250	UNLOADING FEEDER							
	1361 VIBRATING UNIT							
	1993 STUDY ADDITION-VIBRATING	19 EA	12					12
5253	CAR UNLOAD STRUCTURE							
	1441 FOUNDATION							
	FOUNDATION CONCRETE	1,665 CY	186					186
1442	STRUCTURAL METAL							
	GRATING	11,700 SF	30					27
	RAIL	115 TN	16					9
	SUPPORT STEEL	1,025 TN	142					78
	1442 RUC ACCOUNT TOTAL		186				(74)	113
5253	SUBCOA ACCOUNT TOTAL						(74)	301

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 2002 X 1000

COA/SUBCOA/ IC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1541	RECLAIM HOPPER & TUNNEL STRUCT CONCRETE - HOPPER/TUNNEL	1,130 CY	179					179
1548	STRUCTURAL METAL SUPPORT STEEL	40 TN	6			40 TN	(2)	3
158	SUBCOA ACCOUNT TOTAL		<u>184</u>				<u>(2)</u>	<u>182</u>
1	COA ACCOUNT TOTAL		<u>1,738</u>				<u>(66)</u>	<u>1,650</u>
283	CONCRETE WORK - SUBSTRUCTURE							
1601	CONCRETE CONCRETE	861 CY	97					97
284	STRUCTURAL STEEL							
1602	STRUCTURAL STEEL STRUCTURAL STEEL	58 TN	8			58 TN	(4)	4
285	ARCHITECTURAL WORK							
1602	ARCHITECTURAL MASONRY WALL	10,800 SF	28					28
1602	ARCHITECTURAL SIDING	13,600 SF	18			7 TN		17
285	SUBCOA ACCOUNT TOTAL		<u>48</u>					<u>45</u>
10	COA ACCOUNT TOTAL		<u>151</u>				<u>(4)</u>	<u>147</u>
1303	CONCRETE WORK - SUBSTRUCTURE							
1701	CONCRETE CONCRETE	35 CY	6					6
1304	STRUCTURAL STEEL							
1702	STRUCTURAL STEEL STRUCTURAL STEEL	25 TN	3			25 TN	(2)	2

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 2002 X 1000

IC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT 300 COAL HANDLING CONTROL HSE 5305 ARCHITECTURAL WORK 1702 ARCHITECTURAL SIDING	2,000 SF	7			1 TN		7
300 COA ACCOUNT TOTAL		<u>16</u>				<u>(2)</u>	<u>14</u>
320 COAL HANDLING GARAGE 5324 STRUCTURAL STEEL 1802 STRUCTURAL STEEL STRUCTURAL STEEL							
340 COAL HANDLING SWITCHGEAR HSE 5343 CONCRETE WORK - SUBSTRUCTURE 1901 FOUNDATION CONCRETE CONCRETE	140 CY	22					22
5344 STRUCTURAL STEEL 1902 STRUCTURAL STEEL STRUCTURAL STEEL	12 TN	2			12 TN	(1)	1
5345 ARCHITECTURAL WORK 1902 ARCHITECTURAL SIDING	2,280 SF	6			1 TN		5
5340 COA ACCOUNT TOTAL		<u>30</u>				<u>(1)</u>	<u>29</u>
5620 FUEL HANDLING RAILROAD 5622 TRESTLES, FUEL HANDLING RAILRO 3080 TRESTLE, COMPLETE STRUCTURAL STEEL FOUNDATION CONCRETE RAIL	2,625 TN 3,225 CY 585 TN	362 510 81			2,625 TN 585 TN	(163) (36)	200 510 45
3080 RUC ACCOUNT TOTAL		<u>653</u>				<u>(199)</u>	<u>454</u>
5640 WET ASH HANDLING SYS 5644 TRANSPORT SYS 3161 SUPPORTS FOUNDATION CONCRETE SUPPORT STEEL	425 CY 20 TN	67 3			20 TN	(1)	67 2

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 2002 X 1000

C/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BOILER PLANT EQUIPMENT							
140 WET ASH HANDLING SYS							
5644 TRANSPORT SYS							
3181 SUPPORTS							
3181 RUC ACCOUNT TOTAL		70				(1)	69
3183 PIPING							
12" PIPE							
CONCRETE - TRENCH	13,300 LF 1,380 CY	310 218			46 TN	(3)	307 215
3183 RUC ACCOUNT TOTAL		528				(3)	525
3184 PUMP, ASH SLUICE							
PUMP, ASH SLUICE	2 EA	2			4 TN		1
3185 DRIVE, ASH SLUICE PUMP							
PUMP MOTOR	3	1			5 TN 14,400 LB	(6)	1 (3)
COPPER SCRAP							
3185 RUC ACCOUNT TOTAL		1				(6)	(5)
5644 SUBCOA ACCOUNT TOTAL		601				(10)	591
140 DRY ASH HANDLING SYSTEM							
5681 SCALES							
3181 SCALE							
1993 STUDY ADDITION-CH TRUCK S	1 EA	1					1
5684 DRY ASH STORAGE FACILITIES, DR							
3241 TANK, STORAGE							
TANK, STORAGE	1 EA						24
CONCRETE ASH SILO	2	24			4 TN	(5)	(5)
STAINLESS STEEL SCRAP							
3241 RUC ACCOUNT TOTAL		24				(5)	19
3242 FOUNDATION							
FOUNDATION CONCRETE	41 CY	6					6
3243 BLOWER							
BLOWER	2	6			6 TN		6

C/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
	660 DRY ASH HANDLING SYSTEM							
	5884 DRY ASH STORAGE FACILITIES, DR							
	3243 BLOWER							
5884	SUBCOA ACCOUNT TOTAL		38				(8)	30
660	COA ACCOUNT TOTAL		38				(8)	30
700	CONTROL AIR SYSTEM							
	5702 COMPRESSORS AND DRIVES, CONTRO							
	3301 COMPRESSOR							
	COMPRESSOR	4	3			7 TN		3
	3302 DRIVE, COMPRESSOR							
	COMPRESSOR MOTOR	4	4			3 TN		4
	COPPER SCRAP					7,680 LB	(3)	(3)
3302	RUC ACCOUNT TOTAL		4				(3)	1
3303	TANK							
	TANK	2				1 TN		
3304	FOUNDATION							
	FOUNDATION CONCRETE	10 CY	2					2
5702	SUBCOA ACCOUNT TOTAL		9				(4)	5
720	TREATED WATER SYS							
	5722 WATER TREATMENT MISC							
	3361 CLARIFIER							
	CLARIFIER	2	3			1 TN		3
	STAINLESS STEEL SCRAP					2 TN	(3)	(3)
3361	RUC ACCOUNT TOTAL		3				(3)	
3362	TANK							
	1993 STUDY ADDITION-ACID STORA	1 LT	2					2
3363	PUMP							
	PUMP	4 EA				1 TN		
3365	PIPING							

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
20	TREATED WATER SYS							
5722	WATER TREATMENT MISC							
3385	PIPING							
	6" PIPE	480 LF	11			5 TN		13
	4" PIPE	890 LF	14			5 TN		14
	< 4" PIPE	1,670 LF	22			7 TN		21
3385	RUC ACCOUNT TOTAL		48				(1)	45
3370	CHEMICAL STORAGE FACILITIES							
	CHEMICAL TANK	2	6			32 TN	(2)	4
	FOUNDATION CONCRETE	120 CY	19					19
3370	RUC ACCOUNT TOTAL		25				(2)	23
3372	DEMINERALIZER							
	DEMINERALIZER	1 LT	2			1 TN		2
	STAINLESS STEEL SCRAP					4 TN	(5)	(3)
3372	RUC ACCOUNT TOTAL		2				(5)	(2)
3373	PIPING							
	PIPING	60 LF	9					9
	OTHER FOUNDATION CONCRETE	180 CY	30					30
	12" PIPE	36 LF	5			2 TN		5
	8" PIPE	24 LF	4			2 TN		4
	6" PIPE	17 LF	2			4 TN		2
	4" PIPE	12 LF	11			4 TN		10
	< 4" PIPE	10 LF	28			9 TN	(1)	28
3373	RUC ACCOUNT TOTAL		90				(1)	89
5722	SUBCOA ACCOUNT TOTAL		170				(12)	158
5723	COND STOR & TRANSFER SYS							
3381	TANK							
	TANK	2 EA	19			76 TN	(5)	14
	FOUNDATION	120 CY	19					19
3381	RUC ACCOUNT TOTAL		38				(5)	33
3382	PIPING							
	CONCRETE - TRENCH	75 CY	12					12

PLANT DANIEL COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 2003 X 1000

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT							
20	TREATED WATER SYS							
5723	COND STOR & TRANSFER SYS							
3382	PIPING							
	6" PIPE	180 LF	4			2 TN		4
	4" PIPE	12 LF	5			2 TN		8
	< 4" PIPE	10 LF	12			4 TN		12
3382	RUC ACCOUNT TOTAL		33					33
5723	SUBCOA ACCOUNT TOTAL		71				(5)	66
5725	WATER TREATMENT							
3421	PUMP							
	PUMP	10 EA	14			8 TN		13
3423	TANK							
	TANK	10 EA	3			8 TN		2
	1993 STUDY ADDITION WASTE NEUT	1 LT	18					18
3423	RUC ACCOUNT TOTAL		21					21
3425	FOUNDATION							
	CONCRETE - WASTE WTR BASIN	860 CY	141					141
3426	NEUTRALIZATION UNIT							
	TANK	8	1			8 TN		1
	FOUNDATION CONCRETE	290 CY	46					46
3426	RUC ACCOUNT TOTAL		47					47
5725	SUBCOA ACCOUNT TOTAL		223				(1)	221
20	COA ACCOUNT TOTAL		484				(18)	445
10	FILTERED WTR SYS							
1781	FILTERED WATER SLP SYS							
3572	DRIVE, PUMP							
	PUMP MOTOR	4						
1782	FILTERED WATER STORAGE SYS							
3581	FOUNDATION							

SUBCOA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
60	BOILER PLANT EQUIPMENT FILTERED WTR SYS							
5762	FILTERED WATER STORAGE SYS							
3581	FOUNDATION FOUNDATION CONCRETE	25 CY	4					4
3583	TANK TANK	1	8			72 TN	(4)	8
5762	SUBCOA ACCOUNT TOTAL		<u>13</u>				<u>(4)</u>	<u>8</u>
60	COA ACCOUNT TOTAL		<u>14</u>				<u>(4)</u>	<u>8</u>
80	CONDENSATE SYSTEM							
8581	CONDENSATE PIPING SYSTEM							
4801	PIPING							
	16" PIPE	480 LF	30			14 TN	(1)	30
	14" PIPE	110 LF	6			3 TN		6
	12" PIPE	900 LF	42			2 TN		42
	10" PIPE	70 LF	3			2 TN		3
	8" PIPE	800 LF	13			6 TN		13
	4" PIPE	345 LF	5			2 TN		5
	< 4" PIPE	440 LF	6			2 TN		6
4801	RUC ACCOUNT TOTAL		<u>105</u>				<u>(2)</u>	<u>103</u>
100	CONDENSATE AUXILIARY SYSTEMS							
8601	CHEM FEED SYSTEM							
5101	PUMP PUMP FOUNDATION CONCRETE	6 EA 25 CY	2 4			4 TN		4
5101	RUC ACCOUNT TOTAL		<u>6</u>					<u>4</u>
5104	CHEMICAL FEED PIPING SYSTEM, C CHEMICAL FEED PIPING SYSTEM, C	785 LF	10			3 TN		10
8601	SUBCOA ACCOUNT TOTAL		<u>16</u>					<u>14</u>
140	NITROGEN SYSTEM							
8741	NITROGEN SUPPLY SYSTEM							
8501	NITROGEN SUPPLY PIPING SYSTEM							

COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
40	BOILER PLANT EQUIPMENT NITROGEN SYSTEM							
8741	NITROGEN SUPPLY SYSTEM							
8501	NITROGEN SUPPLY PIPING SYSTEM PIPING	1						
8742	NITROGEN STORAGE FACILITIES							
8521	TANK TANK	1 EA				2 TN		
40	COA ACCOUNT TOTAL		1					
80	CHEMICAL WASH SYSTEM							
8781	PIPING SYSTEM							
8801	PIPING < 4' PIPE	490 LF	8			2 TN		8
	FERC ACCOUNT TOTAL		5,051		228		(357)	4,921
	TURBOGENERATOR UNITS							
740	COOLING WATER SYSTEM							
7741	COOLING WTR PASSAGEWAYS							
0501	TUNNELS, COOLING WATER PASSAGE TUNNELS, COOLING WATER PASSAGE	2,480 CY	48					48
7742	COOLING WATER INTAKE STRUCTURE							
0521	COOLING WATER INTAKE STRUCTURE CONCRETE	1,400 CY	158					158
0523	PUMP, COOLING WATER INTAKE STR PUMP	4	1			12 TN	(1)	
0524	DRIVE, PUMP, COOLING WATER INT PUMP MOTOR	4	3			1 TN		3
	COPPER SCRAP					3,080 LB	(1)	(1)
	PUMP MOTOR	8	1			2 TN		1
	COPPER SCRAP					5,400 LB	(2)	(2)
0524	RUC ACCOUNT TOTAL		4				(4)	1
7742	SUBCOA ACCOUNT TOTAL		163				(4)	159

COA/SUBCOA/ JC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	TURBOGENERATOR UNITS							
	1 COOLING WATER SYSTEM							
	143 COOLING WATER DISCHARGE STRUCT							
	0540 DISCHARGE STRUCTURE CONCRETE	810 CY	91					91
1	COA ACCOUNT TOTAL		<u>302</u>				<u>(4)</u>	<u>298</u>
	2 LIFTING SYSTEM							
	902 OVERHEAD CRANES							
	1021 CRANE, TURBINE OVERHEAD CRANE CRANE, TURBINE OVERHEAD CRANE	1 EA	3			25 TN	(2)	1
	3 LUBE OIL SYSTEM							
	903 OIL STORAGE & TRANSFER FAC							
	1241 TANK, OIL STORAGE & TRANSFER F TANK, OIL STORAGE & TRANSFER F	1 EA	2			6 TN		1
	1245 FOUNDATION, OIL STORAGE & TRAN FOUNDATION	15 CY	2					2
903	SUBCOA ACCOUNT TOTAL		<u>4</u>					<u>4</u>
	FERC ACCOUNT TOTAL		<u>309</u>				<u>(0)</u>	<u>309</u>
	4 ACCESSORY ELEC EQUIPMENT							
	10 EMERGENCY GENERATOR SYS-4160V							
	1281 EMERGENCY GENERATOR - 4160V 1801 GENERATOR EMERGENCY GENERATOR	1						
	10 STANDBY AC SYSTEM - 120/208V							
	1381 DISTRIBUTION SYSTEM							
	2185 SWITCH- STANDBY A.C. SYS. 120/ SWITCHGEAR	4 EA	2					2
	30 AC SYSTEM - 2.3KV							
	3581 DISTRIBUTION SYSTEM - 2.3KV							
	2545 SWITCH SWITCH	2	9					9

/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	ACCESSORY ELEC EQUIPMENT							
	80 AC SYSTEM - 2.3KV							
	8561 DISTRIBUTION SYSTEM - 2.3KV							
	2545 SWITCH							
	FERC ACCOUNT TOTAL		11					11
	TOTAL		17,989		228		(665)	17,551
	CONTINGENCY							
	00 CONTINGENCY							
	0000 CONTINGENCY							
	0000 CONTINGENCY		1,704					1,704
	CONTINGENCY							
	ND TOTAL		19,692		228		(665)	19,255

GULF POWER COMPANY FOSSIL PLANT DISMANTLING STUDY

Plant Scherer Unit 3 and Common Facilities

Summary of 2005 Update

The basis of the 2005 update to the Plant Scherer Dismantling Cost Study is the study prepared December 2002 update for the subject plant. For the update, the following changes have been addressed:

- Escalation of the base data from December 2002 constant Dollars to December 2005 constant dollars.

A table showing the cost calculations and resulting total is shown on the next page.

**GULF POWER COMPANY
FOSSIL PLANT DISMANTLING STUDY**

Summary Level Update for Gulf Power

Plant Scherer

	Unit 3	Common	Total
December 2002 Study(*)	\$8,598,000	\$21,969,000	\$30,567,000
Escalation to 12/05 Dollars 9% Increase	\$ 773,820	\$ 1,977,210	\$ 2,751,030
Revised Dismantling Cost	\$ 9,371,820	\$ 23,946,210	\$ 33,318,030
Use (December 2005)	\$9,372,000	\$23,946,000	\$33,318,000

Cost to Dismantle at Gulf Power Company Ownership

	Unit 3	Common	Total
Ownership Percentage	25%	6.25%	
Cost at Ownership	\$ 2,343,000	\$ 1,496,625	\$ 3,839,625

(*) There was a mistake in the Gulf Power 2001 Study for Scherer Common Facility. It stated that the cost was \$50,024,000 which was a mistake.



GEORGIA POWER COMPANY
FOSSIL AND HYDRO PLANT DISMANTLING

COST STUDY


REV. 2

This Updated Fossil Study and Projection Prepared By

Jennifer Taylor
Project Control Engineer II

The Hydro Study Prepared By

James Arter
Project Control Engineer, Lead



CONTENTS

1.0	SCOPE OF PROJECT	1
2.0	SUMMARY	3
2.1	Units in Detailed Study (C.O. Year and MW rating is given for each unit).	3
	Atkinson	3
	Hammond	3
	McDonough	3
	Mitchell	3
	Scherer	4
	Wansley	4
2.2	Units in Non-Detailed Study (C.O. Year and MW rating is given for each unit).	5
	Arkwright	5
	Bowen	5
	Branch	5
	Intercession City	5
	McIntosh	5
	McManus	6
	Robbins	6
	Wilson	6
	Yates	6
	DISMANTLING STUDY TOTAL	7
3.0	ASSUMPTIONS	8
3.1	General Conditions	8
3.2	Dismantle/Disposal	8
3.3	Environmental	9
4.0	PLANT DESCRIPTIONS	11
4.1	Arkwright	11
4.2	Atkinson	11
4.3	Bowen	12
4.4	Branch	13
4.5	Hammond	13
4.6	Intercession City	14
4.7	McDonough	14
4.8	McIntosh	15
4.9	McManus	15
4.10	Mitchell	15
4.11	Robbins	16
4.12	Scherer	16
4.13	Wansley	17
4.14	Wilson	18

4.15	Yates	18
5.0	ESSENTIAL AND NON-ESSENTIAL SYSTEMS	20
5.1	Essential Systems	20
5.2	Non-Essential Systems	20
6.0	DISMANTLING SEQUENCE	22
7.0	COST BASIS	24
7.1	Scope Definition	24
7.2	Constant Dollar Basis	24
7.3	Unit Pricing	24
7.4	Discussion of Terms	25
7.5	Discussion of Overhead Cost	26
7.6	Discussion of Recoverable Costs	27
7.7	Contingency	28
7.8	Computerized Cost System	28
7.9	Supplementary Resources	29
7.10	Development of Non-Detailed Cost Studies	30
8.0	COST REPORTS - STUDIES	32
8.1	Plant Summary Reports	32
	Arkwright (Non-Detailed Study)	32
	Atkinson (Detailed Study)	32
	Bowen (Non-Detailed Study)	32
	Branch (Non-Detailed Study)	32
	Hammond (Detailed Study)	32
	Intercession City (Non-Detailed Study)	32
	McDonough (Detailed Study)	32
	McIntosh (Non-Detailed Study)	32
	McManus (Non-Detailed Study)	32
	Mitchell (Detailed Study)	32
	Robins (Non-Detailed Study)	32
	Scherer (Detailed Study)	32
	Wansley (Detailed Study)	32
	Wilson (Non-Detailed Study)	32
	Yates (Non-Detailed Study)	32
8.2	Summary Level Reports (By Unit)	32
	Atkinson	32
	Hammond	32
	McDonough	32
	Mitchell	32
	Scherer	32
	Wansley	32
8.3	Detail Level Reports (By Unit)	32
	Atkinson	32
	Hammond	32
	McDonough	32
	Mitchell	32

Scherer	32
Wansley	32

9.0 HYDRO PLANTS 33

9.1 Scope 33

9.2 Closure Costs for Hydro Plants 35

North Georgia Group	35
Central Georgia Group	35
Chattahoochee Group	36
Miscellaneous Group	36
TOTAL FOR ALL HYDRO PLANTS	36

1.0 SCOPE OF PROJECT

The purpose of this study was to prepare cost estimates for work at the sites following the decommissioning of Georgia Power Company's (GPC) fossil-fueled power plants. This study was prepared by Engineering and Construction Services (E&CS) Project Controls to support the SCS Depreciation Accounting study for GPC. The resulting studies should provide the owner a quality estimate to budget for future dismantling work at the plants. A general definition of the tasks assumed in the preparation of this estimate was:

The dismantling and disposal of all buildings, structures, equipment, tanks and stacks which would not have a useful purpose in the preparation of the site for the construction of new generation facilities. Structures linked directly to waterways will be removed or capped and the area returned to a natural contour, other areas will have covers of topsoil over base slabs, ponds and coal yards with allowances for ground water drainage. Original contours will not necessarily be restored in these inland areas. Dismantling will be, typically, a controlled removal process and not an explosive or wrecking ball process due to structural and safety considerations. Explosive processes may be used on stacks, natural draft cooling towers, base slabs, and other suitable applications.

All material with a scrap value will be removed and sold with resulting credits to the job. Non-scraped material will be buried as fill on site when possible; otherwise, it will be transported to a dumpsite. Careful consideration is made in the removal and disposal of hazardous waste.

Lastly, this study does not assume an immediate replacement of generation capacity at these sites.

This study includes a detailed estimate of the direct cost of dismantling and disposing of facilities, scrap credit, owner supervision and engineering, liability and worker's compensation insurance and applicable GPC indirect costs for six of the company's fossil-fueled plant sites. A summary of these estimates can be found in Section 2.1. Further data about the detailed estimates are in Section 8.1, 8.2, and 8.3.

This document also includes a non-detailed cost study of the work at the other nine GPC fossil-fueled plant sites. These estimates are included in the summary Section 2.2, and a Plant Summary Report for each site is included in Section 8.1. Further description of the development of these non-detailed studies can be found in Section 7.10

A new scope addition to this study is the inclusion of the hydro units. Also, Section 10 has been added for projections.

Requirements for dismantling can be found in the Georgia State Building Code with the classification of abandoned generation facilities as unsafe buildings.

102.4 Unsafe Buildings

All buildings or structures which are unsafe, unsanitary, or do not provide adequate egress, or which constitute a fire hazard, or are otherwise dangerous to human life, or which in relation to existing use, constitute a hazard to safety or health, are considered unsafe buildings. All such unsafe buildings are hereby declared illegal and shall be abated by repair and rehabilitation or by demolition in accordance with the provisions of the Standard Unsafe Building Abatement Code.

The "repair and rehabilitation" of the generation facility has been determined an unacceptable course of action since the major plant equipment will not have a remaining useful life. Demolition is the chosen direction for abatement of the structures, and according to "Appendix I, Standard for Demolition" of this same code, the definition of demolition is as given below:

102 Definition

Demolition. The act of demolishing or razing of building or structure, or portion thereof to the ground level.

2.0 SUMMARY

The total cost for the scope of the dismantling project as described in Section 3-7 in December 31, 2002 constant dollars is as follows

2.1 Units in Detailed Study (C.O. Year and MW rating is given for each unit).

		<u>Atkinson</u>	
Unit 1 (1930) 60 MW	\$	2,709,000	
Unit 2 (1941) 60 MW		2,653,000	
Unit 3 (1945) 60 MW		2,637,000	
Unit 4 (1948) 60 MW		2,634,000	
Common		3,636,000	
CT Unit 5A (1970) 39 MW		127,000	
CT Unit 5B (1970) 39 MW		<u>127,000</u>	
Total	\$		14,523,000

		<u>Hammond</u>	
Unit 1 (1954) 100 MW	\$	3,911,000	
Unit 2 (1954) 100 MW		3,895,000	
Unit 3 (1955) 100 MW		4,034,000	
Unit 4 (1970) 500 MW		12,833,000	
Common		<u>7,651,000</u>	
Total	\$		32,323,000

		<u>McDonough</u>	
Unit 1 (1963) 245 MW	\$	3,483,000	
Unit 2 (1964) 245 MW		3,565,000	
Common		5,042,000	
CT Unit 3A (1971) 39 MW		137,000	
CT Unit 3B (1971) 39 MW		<u>137,000</u>	
Total	\$		12,364,000

		<u>Mitchell</u>	
Unit 1 (1948) 22.5 MW	\$	1,170,000	
Unit 2 (1948) 22.5 MW		1,019,000	
Unit 3 (1964) 125 MW		2,586,000	
Common		5,876,000	
CT Unit 4A (1971) 39 MW		137,000	
CT Unit 4B (1971) 39 MW		137,000	
CT Unit 4C (1971) 39 MW		<u>137,000</u>	
Total	\$		11,062,000

2.1 Units in Detailed Study (continued)

	<u>Scherer</u>		
Unit 1 (1982) 818 MW		\$	8,964,000
Unit 2 (1984) 818 MW			8,948,000
Unit 3 (1987) 818 MW			8,598,000
Common			<u>21,969,000</u>
Total		\$	48,479,000

	<u>Wansley</u>		
Unit 1 (1976) 865 MW		\$	12,639,000
Unit 2 (1978) 865 MW			11,005,000
Common			17,821,000
CT Unit 5A (1980) 49 MW			<u>155,000</u>
Total		\$	41,620,000

2.2 Units in Non-Detailed Study (C.O. Year and MW rating is given for each unit).

<u>Arkwright</u>	
Unit 1 (1941) 40 MW	\$ 1,045,000
Unit 2 (1942) 40 MW	1,045,000
Unit 3 (1943) 40 MW	1,045,000
Unit 4 (1948) 40 MW	1,045,000
Common	3,984,000
CT Unit 5A (1969) 15 MW	57,000
CT Unit 5B (1969) 15 MW	<u>57,000</u>
Total	\$ 8,278,000

<u>Bowen</u>	
Unit 1 (1971) 700 MW	\$ 6,761,000
Unit 2 (1972) 700 MW	6,761,000
Unit 3 (1974) 880 MW	11,340,000
Unit 4 (1975) 880 MW	11,340,000
Common	15,288,000
CT Unit 6A (1971) 39 MW	<u>127,000</u>
Total	\$ 51,617,000

<u>Branch</u>	
Unit 1 (1965) 250 MW	\$ 3,323,000
Unit 2 (1967) 319 MW	4,367,000
Unit 3 (1968) 480 MW	13,880,000
Unit 4 (1969) 490 MW	14,442,000
Common	<u>12,802,000</u>
Total	\$ 48,814,000

<u>Intercession City</u>	
CT Unit 1 (1996) 150 MW	\$ <u>505,000</u>
Total	\$ 505,000

<u>McIntosh</u>	
CT Unit 1 (1995) 78 MW	\$ 417,000
CT Unit 2 (1995) 78 MW	417,000
CT Unit 3 (1994) 78 MW	417,000
CT Unit 4 (1994) 78 MW	417,000
CT Unit 7 (1994) 78 MW	417,000
CT Unit 8 (1994) 78 MW	417,000
Common	<u>523,000</u>
Total	\$ 3,024,000

2.2 Units in Non-Detailed Study (continued).

	<u>McManus</u>	
Unit 1 (1945) 40 MW	\$ 1,741,000	
Unit 2 (1959) 75 MW	3,124,000	
Common	3,797,000	
CT Unit 3A (1972) 52 MW	167,000	
CT Unit 3B (1972) 52 MW	167,000	
CT Unit 3C (1972) 52 MW	167,000	
CT Unit 4A (1972) 54 MW	172,000	
CT Unit 4B (1972) 54 MW	172,000	
CT Unit 4C (1972) 54 MW	172,000	
CT Unit 4D (1972) 54 MW	172,000	
CT Unit 4E (1972) 54 MW	172,000	
CT Unit 4F (1972) 54 MW	<u>172,000</u>	
 Total		 \$ 10,195,000

	<u>Robbins</u>	
CT Unit 1 (1995) 86 MW	\$ 420,000	
CT Unit 2 (1995) 86 MW	420,000	
Common	<u>366,000</u>	
 Total		 \$ 1,207,000

	<u>Wilson</u>	
CT Unit 5A (1973) 59 MW	\$ 341,000	
CT Unit 5B (1973) 59 MW	339,000	
CT Unit 5C (1973) 59 MW	339,000	
CT Unit 5D (1973) 59 MW	339,000	
CT Unit 5E (1973) 59 MW	339,000	
CT Unit 5F (1973) 59 MW	339,000	
Common	<u>1,060,000</u>	
 Total		 \$ 3,097,000

	<u>Yates</u>	
Unit 1 (1950) 100 MW	\$ 4,805,000	
Unit 2 (1950) 100 MW	3,056,000	
Unit 3 (1952) 100 MW	3,056,000	
Unit 4 (1957) 125 MW	4,341,000	
Unit 5 (1958) 125 MW	4,341,000	
Unit 6 (1974) 350 MW	10,115,000	
Unit 7 (1974) 350 MW	10,116,000	
Common	<u>16,044,000</u>	
 Total		 \$ 55,875,000

TOTAL ALL FOSSIL UNITS \$ 342,983,000

HYDRO UNITS \$ 22,672,000

DISMANTLING STUDY TOTAL \$ 365,655,000

3.0 ASSUMPTIONS

3.1 General Conditions

- 1. All demolition/dismantling is estimated on a unit and common facility basis without assuming the operation is continuous at any site.**
- 2. All costs of common facilities are estimated separately.**
- 3. All dismantling work is in compliance with OSHA requirements.**
- 4. The scope of reclamation is in compliance with EPA, Corps of Engineers, and State of Georgia agencies based on January 1995 regulations.**
- 5. A minimal security force and plant staff is maintained during dismantling.**
- 6. The estimate does not reflect land value or its sale. Ownership of all land remains with Georgia Power.**
- 7. Rail access for removal of scrap is available at all plants. Scrap material will be in transportable sizes. The cost of removal from a site storage area will not exceed the value of the material, unless it is a hazardous material.**
- 8. No landscaping other than grassing, grading, and site drainage is included. Upon completion, the site will have been graded to eliminate point sources of water.**
- 9. The removal of the switchyard is not included in this estimate.**

3.2 Dismantle/Disposal

- 1. All structures except the powerhouse, service buildings, and major warehouses will be removed to grade elevation. Powerhouse rooms and all power generating equipment will be removed and/or sold prior to dismantlement.**
- 2. All solid, non-combustible, non-hazardous, nontoxic material that is not sold for scrap will be used as fill and deposited onsite where possible; otherwise, it will be hauled to a dump. Below-grade pits will be filled with demolished material.**
- 3. Structural steel will be sold as scrap.**
- 4. Foundations of demolished structures will be blasted to provide drainage or removed and the void filled to grade.**
- 5. The chimney will be blasted to the ground. The metal liner, if present, will be dismantled and sold as scrap. The chimney foundation will be blasted to provide drainage and rubble deposited onsite.**
- 6. Circulating water passages will be excavated and collapsed.**

7. **Underground tanks will be removed and disposed according to current regulations.**
8. **Other underground piping and duct runs will be abandoned in place.**
9. **Concrete intake and discharge structures will be left in place with a concrete cap placed to eliminate entry into the tunnels. Backfill behind sheet pile cells will be excavated, piling removed and disposed, and the slope graded to prevent possible deterioration and sliding into the channels.**
10. **Intake and discharge channels will not be filled in.**
11. **Soils for fill not obtainable onsite will be purchased offsite and trucked in.**
12. **Piping will be sold as scrap.**
13. **Equipment will have no salvage value, only scrap value of the metals.**
14. **Electrical cable (copper) will be sold as scrap if size 1/0 AWG and larger.**
15. **Except to separate nonferrous and alloy materials, all conduit, and cable tray will be removed in the most cost-effective manner. They will be sold as scrap.**
16. **Boundary fencing will not be removed.**
17. **Roads and parking lots will not be removed.**
18. **All warehouse stores and furniture will be removed at the beginning of the dismantling operation. Their removal is not included in this estimate.**

3.5

Environmental

1. **An assessment will be performed to identify regulated hazardous and toxic materials which will be handled and disposed of according to appropriate current federal and state regulations. This includes asbestos, PCB's, residual chemicals, and any soils assessed as being containment. Cost of removal of the hazardous material is not included in this estimate.**
2. **Hazardous and toxic material will be handled according to applicable current federal and state regulations.**
3. **PCB-contaminated will be assessed and handled according to applicable current federal and state regulations. This includes any soils assessed as being contaminated.**
4. **Nuclear detectors will be removed and properly disposed.**

5. All coal including the unrecoverable base in the storage area will be burned before dismantling occurs.
6. ~~DELETE - REVISION 2 (Ash pond areas will be dewatered, a liner and/or clay barrier installed on top, covered with topsoil, and grassed.)~~ Ash ponds and monofields (ARO items) are not included in this study (removed in revision 2 of study).
7. Soil sampling and testing will be conducted during the coal pile and (settling/retaining) pond excavation process to ensure complete removal.
8. All fuel oil, acid, caustic and demineralizer tanks will be emptied and the material disposed and closure assessments conducted according to current regulations. This disposal will be before the dismantling contractor begins work and is not included in this estimate.
9. Post-dismantling site monitoring is included in this estimate.

4.0 PLANT DESCRIPTIONS

4.1 Arkwright

Retired in 2002 - Will be Dismantled in 2003

The Arkwright Steam Plant is a four-unit coal- and natural gas-fired electric generating plant located near Macon, Georgia.

All four units have nameplate ratings of 40 MW each. Unit 1 was completed in 1941, Unit 2 in 1942, Unit 3 in 1943, and Unit 4 in 1948. Units 1 and 2 have Westinghouse turbine generators; Units 3 and 4 have General Electric turbine generators.

The boilers for all four units are 800-psi and are rated at 400,000 pounds of steam per hour with 850-degree-Fahrenheit steam temperature. Combustion Engineering manufactured the boilers for Units 1 and 2, and Babcock and Wilcox manufactured the boilers for Units 3 and 4. All units are served by one 564-foot concrete stack with one metal liner. Air quality control is achieved using a cold-side precipitator on each unit.

The once-through cooling system is served by intake and discharge structures. Fuel-handling facilities include a coal yard, unloading system, conveyors, a crusher house, and a transfer house. The ash system includes a 4,000-linear foot ash disposal pipe trench and two active ash ponds, No. 2 (6 acres) and No. 3 (20 acres). There is one abandoned ash pond on the site (6 acres). The plant has one 115-kV switchyard.

Other site structures include a water treatment building, warehouse, lighter oil storage facility, natural gas metering station, and retaining wall on the river.

Located on this site are two (2) 15 MW combustion turbines that were installed in 1969.

4.2 Atkinson

Retired in 2002 - Will be Dismantled in 2003

The Atkinson Steam Plant is a four-unit (originally built to burn coal) #2 oil- and natural gas-fired electric generating plant located near Smyrna, Georgia. Plant McDonough is located on the same site.

All four units have a nameplate rating of 60 MW. Unit 1 was completed in August 1930, Unit 2 in September 1941, Unit 3 in October 1945, and Unit 4 in November 1948. Units 1, 2, and 4 have General Electric turbine generators, and Unit 3 has a Westinghouse turbine generator.

Unit 1 is a two-boiler, 425-psi unit manufactured by Walsh and Wiedner with a capacity of 450,000 pounds of steam per hour with 725-degree-Fahrenheit steam temperature. Units 2, 3, and 4 were manufactured by Combustion Engineering and each has a capacity of 600,000 pounds of steam per hour. Unit 2 has a steam throttle pressure of 425 psi with 725-degree-Fahrenheit steam temperature. Units 3 and 4 have a steam throttle pressure of 850 psi with 900-degree-Fahrenheit steam temperature.

The plant uses a once-through cooling system with cooling water coming from the Chattahoochee River through a concrete tunnel to the plant.

Cooling water is routed from the plant through a discharge passage to a discharge structure south of the plant site. South of the powerhouse is the 115-kV switchyard and northeast of the plant is the ash pond (32 acres). North of the plant is the coal pile and obsolete coal handling facilities.

East of the plant near the parking lot is a combustion turbine unit with its associated fuel tank (not included in this estimate). Northeast of the powerhouse are two 4.5-million gallon #2 fuel oil storage tanks and the water tank. The warehouse is located northwest of the powerhouse. Other outdoor facilities include the switch house, gas metering station, and other smaller buildings.

Located on site are two (2) 39 MW combustion turbines that were installed in 1970.

4.3

Bowen

The Bowen Steam Plant is a four-unit coal-fired electric generating plant located at Taylorsville, Georgia, near Cartersville.

Units 1 and 2 have a nameplate rating of 700 MW each and were completed in 1971 and 1972, respectively. Units 3 and 4 have a nameplate rating of 880 MW each and were completed in 1974 and 1975, respectively. Unit 1 has a Westinghouse turbine generator, and Units 2, 3, and 4 have General Electric turbine generators.

The boilers for all four units are 3,500-psi units manufactured by Combustion Engineering. Units 1 and 2 are rated at 5,020,000 pounds of steam per hour. Units 3 and 4 are rated at 6,351,470 pounds of steam per hour. All boilers operate with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. Two 1,000-foot concrete stacks with two metal liners each serve the units. Air quality control is achieved by using cold-side precipitators on each unit.

The cooling system consists of natural draft cooling towers, one for each unit, with a storage pond pump structure and a river intake structure (for make-up water). Coal is moved by the rail unloading system to the 45-acre coal storage yard. Other coal-handling facilities include stockout and reclaim conveyors, conveyors to the powerhouse, three crusher buildings, and transfer buildings. The ash system consists of a 2,150-linear foot ash disposal pipe trench and a 267-acre ash storage pond. There is a 500-kV switchyard at the plant.

Other site structures include a water treatment building and tanks, condensate storage tanks, a hydrogen house, a tractor garage, an emergency generator house, a fire protection tank and pumphouse, a lighter oil storage facility, a lube oil storage building, an iron co-precipitator, and NPDES facilities.

Located on this site is a 39 MW combustion turbine that was installed in 1971.

4.4 Branch

The Branch Steam Plant is a four-unit coal-fired electric generating plant located near Milledgeville, Georgia.

Unit 1 has a nameplate rating of 250 MW and was completed in 1965. Unit 2 is 319 MW and was completed in 1967. Unit 3 is 481 MW and was completed in 1968. Unit 4 is 490 MW and was completed in 1969. Units 1, 2, and 3 have General Electric turbine generators, and Unit 4's generator was manufactured by Westinghouse.

The Unit 1 boiler is a 2,400-psi unit manufactured by Babcock and Wilcox and is rated at 1,750,000 pounds of steam per hour. The Unit 2 boiler is a 2,400-psi unit manufactured by Riley and is rated at 2,246,000 pounds of steam per hour. The boilers for Units 3 and 4 are 3,500-psi units manufactured by Babcock and Wilcox and are rated at 3,382,219 and 3,563,400 pounds of steam per hour, respectively. All boilers operate with 1,000-degree-Fahrenheit superheat and reheat steam boilers operate with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. One concrete stack with two metal liners serves the units. The plant has four out-of-service concrete stacks. Air quality control is achieved by using one cold-side precipitator for each unit.

The once-through cooling system is served by two intake structures and a discharge structure. The coal-handling facilities include a 25-acre coal storage yard, an unloading system, a coal-handling service building, stockout and reclaim conveyors to the powerhouse, a crusher house, and transfer houses. The ash system includes a 2,700-linear foot ash disposal piping trench and four ash ponds with a total area of 472 acres. The plant has a 230-kV switchyard.

Other site structures include a warehouse, a lighter oil tank, fire protection tanks, two water treatment buildings, and condensate storage tanks.

4.5 Hammond

The Hammond Steam Plant is a four-unit coal-fired electric generating plant located near Coosa, Georgia.

Units 1, 2, and 3 have a nameplate rating of 100 MW each; Unit 4 is 500 MW. Units 1, 2, 3, and 4 were completed in June 1954, September 1954, June 1955, and December 1970, respectively. All four units have Westinghouse turbine generators.

The boilers for Units 1, 2, and 3 were manufactured by Babcock and Wilcox and have a steam throttle pressure of 1,800 psi. Unit 4 was manufactured by Foster Wheeler and has a pressure of 2,400 psi. Units 1, 2, and 3 boilers have a capacity of 725,000 pounds per hour each, and Unit 4 has a capacity of 3,626,000 pounds per hour. All units operate with 1,000-degree-Fahrenheit superheat and reheat steam temperature. Air quality control is achieved using precipitators on each unit and flue gas conditioning systems.

The Coosa River provides cooling water via a six-bay reinforced concrete intake structure through the intake tunnel to the plant. Water is discharged via the discharge tunnel through the reinforced concrete discharge structure.

South of the powerhouse is the substation (not included in this estimate). Ash ponds No. 1 (31 acres), No. 2 (24 acres), No. 3 (23 acres), and No. 4 (50 acres) are located east, west, and northeast of the powerhouse, respectively. The coal pile is west of the powerhouse. Coal is fed from the coal pile via the reclaim system through conveyor No. 1 to a transfer house and through conveyor No. 2 to the crusher house. From the crusher house, conveyor No. 3 feeds coal back west to the coal pile and conveyor No. 4 travels east to a transfer house; conveyor No. 5 travels south to the boilerhouse.

The office annex and warehouse are located east of the powerhouse. Other outdoor facilities include a metal fab shop, hydrogen house, lube oil house, coal-handling service building, tractor garage, and a new chimney with two steel liners. One liner is for Units 1, 2, and 3; one is for Unit 4. The three original chimneys are still standing, but not in use.

4.6 Intercession City

Georgia Power owns with Florida Power Corporation a single combustion turbine near Intercession City, Florida.

This unit has a nameplate of 150 MW and was completed in 1996. The unit was manufactured by Siemens and is used for peaking power. The common facilities are shared with Florida Power Corporation.

4.7 McDonough

The McDonough Steam Plant is a two-unit coal fired electric generating plant located near Smyrna, Georgia. Plant Atkinson is located on the same site.

Unit 1 has a nameplate rating of 245 MW and was completed in 1963. Unit 2 is also 245 MW and was completed in 1964. Both units have General Electric turbine generators.

The boilers for both units are 2,400-0s8 units manufactured by Combustion Engineering and are rated at 1,734,000 pounds of steam per hour. Both boilers operate with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. One concrete stack with a metal liner serves the units. Air quality control is achieved by using one cold-side precipitator and flue gas conditioning systems for each unit.

The once-through cooling system is served by intake and discharge structures. The coal-handling facilities include a coal storage yard, an unloading system, stockout and reclaim conveyors, conveyors to the powerhouse, a crusher building, and transfer building. The ash system includes a 2,200-linear foot ash disposal piping trench and two ash ponds with a total area of 73 acres. There is a 5-acre alternate ash pond and a 3-acre abandoned ash pond. The plant has a 115-kV switchyard.

Other site structures include a warehouse, a lighter oil storage tank, condensate tanks, chemical tanks, pump houses, a tractor house, a demineralizer building, and various construction-related buildings.

Located on the site are two (2) 39 MW combustion turbines that were installed in 1971.

4.8 McIntosh

Georgia Power Company owns six units at Plant McIntosh near Savannah, Georgia.

All units have nameplate ratings of 78 MW each and were completed in 1994-1995. All units were manufactured by ABB and are used for peaking power. Each unit uses #2 fuel oil or natural gas.

Other site structures include fuel and water storage tanks, loading and unloading facilities, service building and water plant.

4.9 McManus

The McManus Steam Plant is a two-unit #6 fuel oil-fired electric generating plant located near Brunswick, Georgia.

Unit 1 has a nameplate rating of 40 MW and was completed in 1952; Unit 2 is 75 MW and was completed in 1959. Both units have Allis Chalmers turbine generators.

The boilers for both units were manufactured by Babcock and Wilcox. The Unit 1 boiler is a 850-psi unit rated at 425,000 pounds of steam per hour; the Unit 2 boiler is a 1,800-psi unit rated at 575,000 pounds of steam per hour. The Unit 1 boiler operates with 900-degree-Fahrenheit steam temperatures; the Unit 2 boiler operates at 1,000-degree-Fahrenheit superheat and reheat temperatures. One brick stack serves the units. There are no precipitators.


The once-through cooling system is served by intake and discharge structures. Fuel is stored in four 75,000-barrel and one 125,000-barrel oil storage tanks. There is also an oil unloading dock. The ash system includes a 1,300-linear foot ash disposal piping trench and a 40-acre ash storage pond. There are 46-kV and 115-kV switchyards at the plant.

Other site structures include a fire protection pumphouse and storage tank, condensate storage tank, water storage tank, storage shop, machine shop, tractor house, construction office, commissary, and two warehouses.

4.10 Mitchell

Units 1 & 2 Will be Retired in 2002

The Mitchell Steam Plant is a three-unit coal-fired electric generating plant located near Albany, Georgia.




Units 1 and 2 have a nameplate rating of 22.5 MW each and were completed in 1948 and 1949, respectively. Unit 3 has a nameplate rating of 125 MW and was completed in 1964.

Units 1 and 2 have General Electric turbine generators, and Unit 3 has a Westinghouse turbine generator.

The Units 1 and 2 boilers are 850-psi units manufactured by Babcock and Wilcox and are rated at 230,000 pounds of steam per hour. The Unit 3 boiler is a 1,800-psi unit manufactured by Combustion Engineering and is rated at 1,075,000 pounds of steam per hour. The Units 1 and 2 boilers operate with 900-degree-Fahrenheit steam temperatures. The Unit 3 boiler operates with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. One concrete stack with a metal liner serves the units. Air quality control is achieved by one cold-side precipitator on each unit.

The once-through cooling system is served by intake and discharge structures. The coal storage yard is served by a coal unloading system. Other coal-handling structures include a stockout and reclaim conveyor, conveyors to the powerhouse, a transfer house, and a track hopper service building. The ash system consists of a 1,940-linear foot ash disposal piping trench, ash pond No. 1 (44 acres), and ash pond No. 2 (43 acres). There are 46-kV and 115-kV switchyards at the plant.



On site structures include a machine shop, lighter oil pumphouse and tank, warehouse, condensate storage tank, construction warehouse, tractor house, fire protection pumphouse and tank, and an office annex.

Located on the site are three (3) 39 MW combustion turbines that were installed in 1971.


4.11 Robins

The Robins Air Force Base combustion turbine project is a two-unit plant at Robins Air Force Base. Units 1 and 2 have ratings of 86 MW each and were completed in 1995. Both units were manufactured by GE and are used for peaking power. Each unit uses #2 fuel oil or natural gas.

Other site structures include fuel and water storage tanks, loading and unloading facilities, service building and warehouse.

4.12 Scherer

The Scherer Steam Plant is a four-unit coal-fired electric generating plant located near Macon, Georgia. The facility is jointly owned by Georgia Power Company, Gulf Power Company, Florida Power and Light, Jacksonville Electric Authority, and several Georgia electric cooperatives.



Each unit has a nameplate rating of 818 MW with Unit 1 completed in March 1982, Unit 2 completed in February 1984, Unit 3 completed in January 1987, and Unit 4 completed in February 1989. All units have General Electric turbine generators. Since Unit 4 is not

100% owned by Florida Power and Light and Jacksonville Electric Authority, it is now excluded from the study.

The boilers are 2,400-psi units manufactured by Combustion Engineering and are rated at 5,789,914 pounds of steam per hour. All units operate with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. Air quality control is achieved using outdoor electrostatic precipitators.

A storage water pond of 48,000 acre-feet was created to provide adequate cooling water and makeup water needs. A service water intake structure supplies that water to the plant. All units are on a closed-cycle cooling system with one hyperbolic natural draft tower per unit. Coal is delivered to the site by rail with a coal-handling system for stockout and reclaim. The coal storage area is south of the powerhouse.

On the north side of the powerhouse are the 230 kV and 115 kV switchyards. The switchyards are not included in this study. The ash pond (490 acres) and settling pond are located to the east of the plant. Other outdoor facilities include a coal handling service building and tractor garage; water treatment buildings; NPDES facilities; acid, caustic, ammonia, nitrogen, water, and lighter oil tanks; engine generator house; and other buildings.

4.13 Wansley


The Wansley Steam Plant is a two-unit coal-fired electric generating plant located near Roopville, Georgia. The plant is jointly owned by Georgia Power Company and several Georgia electric cooperatives.

Units 1 and 2 have a nameplate rating of 865 MW each and were completed in 1976 and 1978, respectively. Both units have General Electric turbine generators.

The boilers for both units are 3,500-psi units manufactured by Combustion Engineering and are rated at 6,269,267 pounds of steam per hour. Both boilers operate with 1,000-degree-Fahrenheit superheat and reheat steam temperatures. One concrete stack with two metal liners serves the units. Air quality control is achieved by using cold-side precipitators and flue gas conditioning systems.

The cooling system consists of two mechanical draft cooling towers for each unit, a river pumping station (makeup water), a storage pond, and an emergency overflow spillway. The coal-handling facilities include a coal storage yard, an unloading trestle, stockout and reclaim conveyors, conveyors to the powerhouse, a crusher house, and a coal-handling service building. The ash system includes a 2,033-linear foot ash disposal piping trench, two ash ponds with a total area of 330 acres, and an overflow discharge structure. The plant has a 500-kV switchyard.

Other site structures include warehouses and shops, a tractor garage, chemical storage tanks and buildings, emergency generator building, a water treatment building, and a construction building. There is also a waste water basin on the site.



Located on the site is a 49 MW combustion turbine that was installed in 1980.

4.14 Wilson


The Wilson Plant is a six-unit combustion turbine electric generating plant near Waynesboro, Georgia.

Units 5A through 5F have nameplate ratings of 58.6 MW each and were completed in 1972-1973. All six (6) units were manufactured by Westinghouse and are used for peaking power. Each unit uses #2 fuel oil.

Other site structures include fuel storage tanks, loading and unloading facilities, service building, and communication facilities.

4.15 Yates


The Yates Steam Plant is a seven-unit electric generating plant located near Newnan, Georgia.




Units 1 and 2 have nameplate ratings of 100 MW each and were completed in 1950. Unit 3 has a nameplate rating of 100 MW and was completed in 1952. Units 4 and 5 have nameplate ratings of 125 MW each and were completed in 1957 and 1958, respectively. Units 6 and 7 have nameplate ratings of 350 MW each and were completed in 1974. All seven units have General Electric turbine generators.

Combustion Engineering manufactured the boilers for all units. Units 1, 2, and 3 are 1,250-psi units and are rated at 975,000 pounds of steam per hour each. The boilers for Units 4 and 5 are 1,800-psi units and are rated at 950,000 pounds of steam per hour each. The boilers for Units 6 and 7 are 2,400-psi units and are rated at 2,568,000 pounds of steam per hour each. The Units 1, 2, and 3 boilers operate at 950-degree-Fahrenheit steam temperatures. The Units 4, 5, 6, and 7 boilers operate at 1,000-degree-Fahrenheit superheat and reheat steam temperatures. Two reinforced concrete stacks with metal liners serve the units. Air quality control is achieved using a cold side precipitator on each unit. Unit 1 includes a Chiyoda-type scrubber.

The once-through cooling system for Units 1-5 uses water from the Chattahoochee River through its intake and discharge structures. Units 6 and 7 use a closed-cycle cooling system with mechanical draft cooling towers. Makeup water comes from the Chattahoochee River. The coal-handling facilities include a coal storage yard, a coal unloader, a track hopper, a crusher house, stockout and reclaim conveyors, and conveyors to two powerhouse locations. The coal-handling system also includes a coal-handling service building and a switchgear control house. The ash system includes a 2,535-linear foot ash disposal piping trench, a 54-acre pond, an ash pond dike, and an emergency spillway. There is an abandoned 16-acre ash pond. The plant has 46-kV, 110-kV, and 230-kV switchyards.



Other site structures include water treatment buildings, a contractor's office and storage building, a machine shop, condensate tanks, fire protection pumphouses and tanks, a



lighter oil pumphouse and storage tanks, a service building, an emergency generator building, and a warehouse.



5.0 ESSENTIAL AND NON-ESSENTIAL SYSTEMS

5.1 Essential Systems

- 1. All fire protection systems shall be left intact and operational for safety purposes and to meet insurance requirements. Whether this is met through the existing plant system or an external system is left to a more near-term cost/benefit decision. Chemical fire extinguishers will be available after start of fire protection system removal.**
- 2. Temporary lighting will be installed to prevent the chance of cross-feeding in the electrical circuits.**
- 3. Control room heating, lighting, and power will remain operational until removal of fire protection systems.**

5.2 Non-Essential Systems

Non-essential systems will be removed as required before boiler removal. Initially these systems will be removed before boiler removal begins.

- High Pressure Steam**
- High and Low Pressure Extractions**
- Boiler Feedwater**
- Condensate**
- Heater Drips**
- Auxiliary Steam**
- Circulating Water**
- Plant Cooling Water**
- Water Pretreatment**
- Makeup Water Supply and Storage**
- Air Preheat Water**
- Fuel Oil Storage and Supply**
- Boiler Igniter System**
- Ash Water Supply**
- Heater Vents and Drains**
- Condenser Air Extraction**
- Extraction Traps and Drains**
- Turbine Seals and Drains**
- Turbine Lube Oil**
- Generator Miscellaneous Piping, Miscellaneous Lube/Hydraulic Oil**
- Chemical Feed**
- Sampling and Analysis**
- Bearing Cooling**
- Air Heater Wash Water**
- Combustion Turbine (CT)**



These systems may be removed any time prior to boiler steel removal

- **Bottom Ash Handling and Auxiliaries**
- **Economizer Fly Ash Handling**
- **Boiler Vents and Drains**
- **Steam Generator Soot Blowing**
- **Boiler Forced Air**
- **Boiler Flue Gas**
- **Fly Ash Storage**
- **Coal Burner Supply**
- **Stack and SCR**
- **MCC, Switchgear & Controls**
- **Scrubbers**

6.0 DISMANTLING SEQUENCE

Phased Dismantling Sequence of Non-Common Areas

This is an engineered sequence of events.

1. Burn or remove all coal in bunkers and all fuel and oils.
2. Removal of all personal property and furnishings is outside the scope of demolition and scrapping.
3. Drain all tanks.
4. Cap or bypass common facilities essential to operations of other units.
5. Deactivate power supply to equipment not required for demolition.
 - A. Boiler feed pumps
 - B. Coal pulverizers and feeders
 - C. Bottom ash handling equipment and auxiliaries
 - D. Forced draft fans
6. Remove any asbestos insulation from piping and equipment.
 - A. Main steam
 - B. Drains
 - C. Burner supply
 - D. Soot blowers
 - E. Coal hoppers and coal feeder piping
7. Beginning at base slab, remove all mechanical equipment and associated piping.
 - A. Boiler feed pumps
 - B. Coal pulverizers and feeders
 - C. Bottom ash handling equipment and auxiliaries
 - D. Forced draft fans
8. Remove piping systems except fire protection and air supply.
 - A. Main Steam
 - B. Drains
 - C. Burner supply
 - D. Soot blowers
 - E. Coal hoppers and coal feeder piping
9. Remove turbine generator, condenser, and non-essential electrical systems.
10. Begin boiler removal and ductwork.
11. Remove pedestal concrete

12. Remove essential piping and electrical.
13. Remove boiler support steel that is structurally feasible and coal supply conveyor outside building.
14. Remove chimney.
15. Remove building siding and concrete base slab.
16. Pull down remaining power house structure on boiler. Remove building structure steel, boiler, and other piping, equipment, and materials with grapple and hydraulic shears.
17. Fill below grade areas with soil or other non-hazardous materials.
18. Remove external structures associated with the unit such as conveyor and transfer houses and ductwork to stack.
19. Drill and blast base slab to allow ground water penetration.
20. Start reclamation of ponds & solid waste landfills.

7.0 COST BASIS

7.1 Scope Definition

Systems, quantities, and conversions to the appropriate units of measure for removal, disposal, and scrap were derived from a number of sources. They primarily included engineering drawings, purchase orders and associated engineering records, Continuing Property Record reports for each plant, the 500 MW cost models, other dismantling cost estimates and contacts with Georgia Power Company Power Generation personnel.

Engineering drawings were the basis for quantity take-offs on all civil, structural, and site work quantities. Mechanical equipment and piping systems were identified using drawings and a selected number of piping systems were taken off. Other piping systems were quantified by factoring take-off quantities from other systems by building volumes. The same method was used in some cases to quantify other units when one unit was taken off. Other factors in addition to building volume were used in this case.

Purchase orders and other engineering records served to identify electrical systems, components, and weights. Factoring by megawatt size was used in some cases when portions of scope were not available. Purchasing records were used to derive cable and conduit quantities and weights. Most mechanical equipment weights were derived by review of engineering records.

The Continuing Property Records reports from each plant were a valuable source for checking for omissions to the estimate. The reports also helped to define what facilities were to be considered common.

The fossil cost models developed by ECS Cost Engineering, Fossil and Hydro, were useful in the development of some mechanical equipment and piping quantities.

Other dismantling cost studies were used to determine the weights of pieces of equipment when the plant-specific data could not be found.

Differences in scope between units resulting from fuel firing types and dual capabilities have been addressed.

7.2 Constant Dollar Basis

All costs shown in this study are in December 31, 2002, constant dollars. Phasing of the units to be dismantled and application of escalation to the resulting schedule will be the responsibility of Georgia Power, Property Accounting.

7.3 Unit Pricing

The estimate assumes that two primary contractors will be involved at each site, one for dismantling and one for site restoration. Unit pricing includes all contractor equipment, overhead, and profit. Temporary services will be provided by Georgia Power Company and are estimated separately (see Section 7.5).

Unit costs for removal are in general tied to cubic yards for concrete, tonnage for structural steel, by piece for different size ranges of equipment, by lump sum for the boiler, by pound for asbestos and by linear foot for piping. Unit cost estimates were derived from other outside dismantling studies (see Section 7.9, resource 3) with independent verification by a consultant (see Section 7.9, resource 7). Site specific adjustments were made as necessary.

Disposal unit costs typically are based on weights of materials. Any offsite disposal of non-hazardous waste was estimated at \$8.44/cubic yard for disposal including any tipping fees. Asbestos removal is presumed handled according to applicable Federal and State regulations, and removal is estimated at \$4.26/pound plus \$1.83/pound for disposal including transportation to a disposal site.

For derivation of scrap credit unit prices, see Section 7.6.

Site reclamation unit costs were derived from a survey of current and recent historical construction contracts around the Southern electric system. Georgia's Power Environmental Department estimated the decommissioning costs for ash handling facilities.

7.4 Discussion of Terms

The following definition of terms are applicable to this cost estimate:

- COA – chart of account. Southern Company work breakdown structure used in construction work in progress ledgers.
- Dismantle – to take apart the generating unit into transportable parts.
- Disposal – movement of dismantled materials to onsite fill area, offsite dump, or to a laydown area onsite for removal by a salvage/scrap dealer.
- Essential system – those systems that must remain operational during dismantling activities until all units served by the system are retired or until the system is no longer needed for the dismantling process (i.e., control room, fire protection, and compressed air).
- RUC – retirement unit codes. Southern Company coding structure used in continuing property record ledgers to identify additions and deletions to original plant after it begins operation.
- Scrap – the amount that will be paid to the owner by a scrap dealer to pick up from laydown yard, and remove from the site, materials that have value due to their metal content.

Discussion of Overhead Cost

The following overhead cost percentages have been applied to the direct cost estimate of dismantling:

• 1. Georgia Power engineering	1.0%
• 2. Administrative and general overhead	1.0%
• 3. Temporary construction services	2.0%
• 4. Wrap-up and all- risk insurance (contractor)	10.0% of bare labor
Shown in Common	5.0% of total

The following indirects have been applied to the direct cost estimate of dismantling:

• Engineering	\$75.00/hr
• Project Manager	\$115.00/hr
• Construction Manager	\$100.00/hr
• Security	\$13.60/hr

The following estimates of indirect costs are also included:

A. Georgia Power onsite supervision:

• Arkwright	2 manyears	• Atkinson	2 manyears
• Bowen	12 manyears	• Branch	8 manyears
• Hammond	3 manyears	• Intercession City	0.5 manyear
• McDonough	2 manyears	• McIntosh	1 manyear
• McManus	2 manyears	• Mitchell	2 manyears
• Robins	1 manyear	• Scherer	6 manyears
• Wansley	5 manyears	• Wilson	1 manyear
• Yates	8 manyears		

B. Security Services

Same at each unit – 8 manyears @ coal fired plants and 1 manyear @ peaking combustion turbine plants

C. ECS engineering (engineering support and records close-out)

• Arkwright	1,000 manhours	• Atkinson	1,000 manhours
• Bowen	2,000 manhours	• Branch	2,000 manhours
• Hammond	1,000 manhours	• Intercession City	500 manhours
• McDonough	1,000 manhours	• McIntosh	500 manhours
• McManus	1,000 manhours	• Mitchell	1,000 manhours
• Robins	500 manhours	• Scherer	2,000 manhours
• Wansley	2,000 manhours	• Wilson	500 manhours
• Yates	2,000 manhours		

D. Cost of permits

• Bowen	\$62,650	• McDonough	\$30,714
• Hammond	\$30,714	• McManus	\$31,324

• Wansley	\$61,428	• Branch	\$62,650
• Yates	\$62,650	• Scherer	\$61,428
• Atkinson	\$30,714	• Wilson	\$20,784

E. Cost of site environmental closure plan
Each coal-fired plant - 1,185,425

F. Contractor mobilization costs

• Arkwright	\$237,085	• Yates	\$592,713
• Bowen	\$592,713	• Atkinson	\$237,085
• Hammond	\$592,713	• Branch	\$592,713
• McDonough	\$237,085	• McIntosh	\$26,940
• McManus	\$237,085	• Mitchell	\$237,085
• Robins	\$26,940	• Scherer	\$592,713
• Wansley	\$592,713	• Wilson	\$26,940

7.6 Discussion of Recoverable Costs

Scrap/Salvage Value

Salvage is based on current (January 1, 2003) available information.

Value of scrap was estimated from current market value published information. Recycler's World Website (www.recycle.net/price/metals.html) (dated 12/13/2002), a tool in the scrap industry standard for scrap prices was used in determining the price of scrap. It was assumed the scrap materials would be removed from their existing locations at the power plants and would be placed in a designated area on the plant site for the Purchaser or scrap dealer to remove. The values established in the Recycler's World Website (www.recycle.net/price/metals.html) are for ferrous scrap prepared to designated sizes. Adjustment must be made in the market value for the scrap dealer's work involved in loading, transporting to his yard, and his cost of preparing the scrap to designated size and rehandling the material for shipment.

For non-ferrous materials the price on Metal Prices.com (dated 12/12/2002) is for cleaned copper. The scrap dealer would have to load the copper wire, motors, etc., and take them to his yard operation. He would have to dismember the motors and strip the insulation to salvage the copper. The wire would have to have the insulation removed so the copper would be clean. The copper wire then would have to be packaged and loaded for shipment.

The adjustments to the pricing data as shown on both Recycler's World Website and Metal Prices.com could be significant.

1. Ferrous scrap - preparation costs could amount to \$20 to \$25 per ton.
2. Non-ferrous scrap -

- A. Motors with copper could be valued for the copper content. It is assumed that 12% of the total weight of motors is copper.
- B. Copper wire with insulation may be valued at \$1.02 per pound depending on the amount of insulation on the wire.
- C. Bus bar which is clean copper would need an adjustment in the selling price for transporting and handling.

The ferrous scrap is estimated at a scrap value of \$83 per ton. In this estimate the net scrap value used is \$83 minus \$23 per ton preparation equals \$60 per gross ton. Non-ferrous scrap copper is estimated at an adjusted scrap value of \$1.02 per pound.

The salvage value of used powerhouse equipment motors, turbine generators, etc., is generally considered to be minimal because the market for such used equipment is uncertain. For estimating purposes, no value was assumed.

7.7 Contingency

Contingency has been applied to this detailed conceptual estimate to cover uncertainty in the estimate. A contingency rate of 10% is applied to the total removal, disposal, scrap, and indirect cost estimates. The overall factor is comprised of a pricing contingency of 5% and a scope omission and error contingency of 5%. The level of scope contingency was determined considering the conceptual nature of the estimate and the difficulty in obtaining quantity records on such old units. Pricing contingency should provide confidence that the estimate will not overrun due to pricing error.

7.8 Computerized Cost System

The estimate to dismantle these plants has been loaded onto the Cost Estimating and Tracking system database software to facilitate calculations and flexible report writing. The reports are rounded to the nearest thousand and reflect the "true" totals of the details. This may result in some report totals differing from manual tabulation or slightly varying from detail to summary schedules. Each plant has an assigned file. The basic value record includes:

1. FERC number
2. Retirement Unit Code
3. Group class Number
4. Cost element
 - A. Unit number or common facility
 - B. Labor, material, or subcontract identifier
 - C. Removal, disposal or scrap identifier
5. Schedule date (not used, even if data is in field)
6. Estimated quantity
7. Estimated unit cost or unit credit (scrap)

The project structure includes the following hierarchy for summarizations and report writing:

1. Total
2. FERC number
3. Code of Account number
4. Sub-Code of Account number
5. FERC and Retirement Unit Code numbers
6. FERC RUC and group class number

7.9 Supplementary Resources

The below listed resources have been used in the preparation of this dismantling cost study.

1. Continuing Property Record report for each plant and unit under study. These were used to help scope the items within the plant to help minimize omissions. They were provided by Georgia Power Company.
2. The Retirement Unit Code Manual is the standard retirement coding manual for use in the Southern electric system.
3. Dismantling cost studies prepared by ECS for the other Southern Company operating companies were used to provide equipment weights where they were not available and to provide some unit removal costs where they were not available.
4. A site visit to each plant was taken prior to beginning the job. They were escorted by representatives from Georgia Power Company.
5. A Georgia Power Company home office Power Generation Services representative was the interface contact with plant operations personnel.
6. In 2002, a contract with D.H. Griffin Wrecking Co. Inc was approved for them to provide an estimate for a typical major removal unit pricing info and a review of the generic study assumptions.
7. The study assumptions were reviewed and comments made by Georgia Power Company Environmental Affairs personnel, and SCS Depreciation Accounting in 1993.
8. Plant equipment purchase orders and engineering records were used to scope equipment quantities and to find weights where possible.
9. Plant design drawings were used for all civil and structural take-offs and a large number of mechanical quantities.

7.10 Development of Non-Detailed Cost Studies

Since there are similarities in design and construction between plant sites within the Georgia Power Company service territory, the FERC/COA level estimates developed from the detailed cost studies can be used to project the dismantling costs of other power plants. With modifications that incorporate site-specific characteristics, data from the appropriate detailed cost study can be applied to other sites in a non-detailed, or factored, study.

Included in Section 2.0 are unit totals of the dismantling costs at each plant site within Georgia Power Company. Section 8.1 includes plant summary reports for each site and unit broken down to the FERC level of detail.

The methodology for preparing factored conceptual unit (without common facilities) estimates began with the Atkinson, Hammond, McDonough, Mitchell, Scherer, and Wansley Plant Summary Reports broken down by FERC/COA. Next, FERC account level factors were developed to ratio the appropriate FERC totals. The result of this analysis was to factor as below:

FERC	DESCRIPTION	FACTOR
	Indirects and Overheads	Not applicable for unit specific estimates, only common
311	Powerhouse Structures	Main boiler heating surface area square footage
312	Boiler and Auxiliaries	Main boiler heating surface area square footage
314	Turbine Generator and Auxiliaries	Megawatt capacity. (cost capacity factor = 0.6)
315	Electrical Accessories	Percentage of 311-314 total


The cost capacity factor (c) is defined as:

$$C_x = C_b * \frac{MW_x c}{MW_b}$$

Where: C_x is the desired cost of capacity MW_x .
 C_b is the appropriate detailed estimate for that plant's MW_b .
 MW is the megawatt capacity.

For each unit, after factoring the appropriate FERC estimates according to the above, the resulting FERC level estimate represented a "factored" estimate for the unit under study. The plant system descriptions were reviewed and site/unit specific adjustments made to the factored estimates. Major reasons to adjust included the following:


1. Type of fuel and its impact on the boiler and auxiliaries.

- 
2. Type of pollution control equipment such as precipitators and associated ductwork.
 3. Balanced draft operation.

These adjustments would be priced using previous dismantling estimates prepared by SCS Cost Engineering.

Next conceptual common facility estimates were prepared for each site. This basically includes the outdoor structures and equipment. Utilizing general arrangement drawings and plant systems descriptions, the list of systems and facilities is determined. Using "system level" dismantling pricing information, FERC/COA level estimates were prepared. The major items of variation in the common facilities estimate can include the following:

1. Miscellaneous buildings.
2. Type of turbine condenser cooling water supply and cooling towers.
3. Stacks.
4. Holding ponds (retaining, etc.).
5. Oil unloading and storage facilities.
6. Coal unloading, storage and handling facilities.
7. Water treatment facilities.



The result is a site-specific estimate at a level below the FERC account structure based on the detailed studies. With the inclusion of the proposed contingency factors, the cost estimates for the plants are of a quality by which Georgia Power Company can realistically budget for the task of dismantling.

8.0 COST REPORTS - STUDIES

8.1 Plant Summary Reports

Arkwright	(Non-Detailed Study)
Atkinson	(Detailed Study)
Bowen	(Non-Detailed Study)
Branch	(Non-Detailed Study)
Hammond	(Detailed Study)
Intercession City	(Non-Detailed Study)
McDonough	(Detailed Study)
McIntosh	(Non-Detailed Study)
McManus	(Non-Detailed Study)
Mitchell	(Detailed Study)
Robins	Non-Detailed Study)
Scherer	(Detailed Study)
Wansley	(Detailed Study)
Wilson	(Non-Detailed Study)
Yates	(Non-Detailed Study)

8.2 Summary Level Reports (By Unit)

Atkinson
Hammond
McDonough
Mitchell
Scherer
Wansley

8.3 Detail Level Reports (By Unit)

Atkinson
Hammond
McDonough
Mitchell
Scherer
Wansley

Section 8.1

Plant Summary Reports (By Plant/Unit)

Scherer

Plant Summary Report

DECEMBER 2002\$ X 1000

FERC/COA	DESCRIPTION	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	COMMON	TOTAL
			(1)	(29)						
307	CONSTRUCTION CLEARING ACCOUNTS									(29)
0040	PRODUCTION COSTS								600	600
0200	TEMPORARY SERVICES								2,108	2,108
0220	SAFETY & SECURITY FACILITIES								301	301
307	FERC ACCOUNT TOTAL								3,009	3,009
308	ENGINEERING									
0240	ENGINEERING SCS								150	150
0260	ENGINEERING-OPERATING COMPANY								2,004	2,004
0380	CONSTRUCTION INSURANCE								455	455
308	FERC ACCOUNT TOTAL								2,609	2,609
309	OVERHEADS									
0480	GENERAL OVERHEAD								758	758
311	STRUCTURES & IMPROVEMENTS									
2020	SITE PREPARATION									
2040	SITE IMPROVEMENTS									
2080	PONDS								3,818	3,818
2120	SITE FIRE PROTECTION SYS								11	11
2300	TURBINE BUILDING									73
2340	STEAM GENERATOR BUILDING	74	24	78						78
2360	SERVICE BAY	58	62	144						783
2400	CONTROL ROOM									
2500	MAINTENANCE BLD								18	18
2600	SERVICE BUILDING									
2820	CONSTRUCTION WAREHSE									
2700	WATER TREATMENT BLDG								258	258
2720	VISITORS CENTER									
2740	TRAINING BUILDING								36	36
2800	EMERGENCY GENERATOR BUILDING								23	23
2820	HYDROGEN HOUSE								35	35
2840	PRECIPITATOR CONTROL HOUSE								90	90
2860	FIRE PROTECTION BUILDING								101	101
2880	SERVICE WATER CHLORINE HOUSE								29	29
2900	CIRC WATER CHLORINE HOUSE								78	78
2920	SECURITY BUILDING								13	13
2940	WELL PUMP HOUSE								9	9
2960	LUBE OIL STORAGE HOUSE								17	17
3040	WASTE WATER CONTROL HOUSE								3	3
3080	AIR COMPRESSOR HOUSE								9	9
3100	RIVER INTAKE SWITCHGEAR BLDG								12	12
3120	NITROGEN STORAGE PAD								1	1
3300	SEWAGE TREATMENT FACILITY								4	4
3320	ENVIRONMENT MONITOR FACILITY									6

FERC/COA	DESCRIPTION	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	COMMON	TOTAL
311 -	STRUCTURES & IMPROVEMENTS									
3160 -	UTILITY TRENCH									
3400 -	WASTE WATER TREATMENT SYSTEM								15	15
3480 -	CHEMICAL WASTE TREAT CTL HOUSE								375	375
3520 -	ASH SLUDGE PUMP HOUSE				48				2	2
3600 -	SECURITY GUARD HOUSE - CH AREA	43	11							144
3620 -	SECURITY GUARD HSE - SERV BLDG								3	3
3950 -	WATER TREAT CHLOR STOR HSE								3	3
		133	136	218					4,983	5,450
311 -	FERC ACCOUNT TOTAL									
312 -	BOILER PLANT EQUIPMENT									
4000 -	ENVIRONMENTAL CLEANUP									
4800 -	STEAM GENERATING SYSTEM									
4940 -	PULVERIZED COAL FIRING SYSTEM	1,549	1,549	1,549						1,105
4950 -	LIGHTER OIL SYSTEM	512	512	517						4,848
5000 -	AUXILIARY BOILER SYSTEM	40	43	40						1,541
5020 -	BLOWDOWN SYSTEM	(11)	(11)	(11)						189
5040 -	DRAFT SYSTEM	127	127	127						362
5080 -	STACK	1,203	1,195	1,152						3,550
5120 -	SULFUR DIOXIDE REMOVAL EQUIP	1	1	1						549
5240 -	COAL HANDLING SYSTEM	5	6	(8)						10
5280 -	COAL HANDLING SERVICE BLDG	388	288							3,790
5300 -	COAL HANDLING CONTROL HSE									609
5340 -	COAL HANDLING SWITCHGEAR HSE									31
5360 -	COAL HANDLING MOTOR CTL HOUSE									31
5380 -	CH CRUSHER BLD	17	17	17						41
5620 -	FUEL HANDLING RAILROAD	132	96							50
5640 -	WET ASH HANDLING SYSTEM									239
5680 -	LIFTING SYSTEM	727	754	708						256
5700 -	CONTROL AIR SYSTEM	(2)	(2)	(2)						356
5720 -	TREATED WATER SYS	142	142	142						2,874
5740 -	SERVICE WATER SYSTEM									(5)
5750 -	FILTERED WATER SYSTEM	133	103	149						537
6400 -	MAIN TURBINE STEAM SYSTEM	333	333	333						284
6440 -	EXTRACTION STEAM SYSTEM	296	296	296						727
6520 -	AUX TURBINE STM & EXHAUST SYS	2	2	2						69
6560 -	VENT AND DRAIN SYSTEMS	622	622	622						999
6580 -	CONDENSATE SYSTEM	293	290	622						888
6600 -	CONDENSATE AUXILIARY SYSTEMS	360	321	253						1,867
6620 -	FEEDWATER SYSTEM	108	108	108						636
6640 -	FEEDWATER AUXILIARY SYSTEM	19	19	19						1,032
6660 -	WATER SAMPLING AND ANALYSIS	3	3	3						323
6700 -	LUBE OIL SYSTEM	45	25	25						57
6740 -	NITROGEN SYSTEM	42	14	14						9
6780 -	CHEMICAL WASTE TREATMENT SYS									74
										70
									2	2
312 -	FERC ACCOUNT TOTAL	7,681	6,849	6,386					7,472	27,765
314 -	TURBOGENERATOR UNITS									
7520 -	TURBINE GENERATOR SYSTEM	1,576	1,576	1,576						4,728
7700 -	CONDENSING SYSTEM	(71)	(76)	(77)						(229)

DECEMBER 2002\$ X 1000

FERC/COA	DESCRIPTION	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	COMMON	TOTAL
314 -	TURBOGENERATOR UNITS									
7740 -	COOLING WATER SYS	303	303	303						
7760 -	COOLING TOWER	784	774	906					1,161	2,069
7800 -	LIFTING SYSTEM								(10)	(10)
7900 -	LUBE OIL SYSTEM	28	28	28					9	92
314 -	FERC ACCOUNT TOTAL	2,815	2,805	2,736					1,160	9,116
315 -	ACCESSORY ELECTRIC EQUIPMENT									
8000 -	CABLE	(483)	(304)	(343)						(1,130)
8020 -	SITE RACEWAY SYSTEM	(238)	(181)	(166)						(585)
8100 -	GENERATOR BUS SYSTEM	(15)	(15)	(15)						(45)
8240 -	D.C. SYSTEM - 125/250V									1
8280 -	EMERGENCY GEN SYSTEM - 4160V	1	1	1						2
8360 -	A.C. SYSTEM - 120/208V	2	2	2						7
8380 -	STANDBY A.C. SYS - 120/208V									1
8440 -	A.C. SYSTEM - 480V	3		1						6
8600 -	A.C. SYSTEM - 4KV	(208)	(208)	(208)					1	(623)
8640 -	A.C. SYSTEM - 8.9KV	(59)	(59)	(59)						(176)
315 -	FERC ACCOUNT TOTAL	(1,013)	(763)	(766)					1	(2,551)
316 -	MISCELLANEOUS PLANT EQUIPMENT									
1560 -	CENTRAL VACUUM SYSTEM	104	104	104						312
353 -	STATION EQUIPMENT									
9400 -	TRANSFORMERS	(795)	(795)	(795)						(2,385)
SUBTOTAL		8,149	8,135	7,817					19,972	44,072
304 -	CONTINGENCY									
0000 -	CONTINGENCY	815	814	782					1,997	4,407
GRAND TOTAL		8,964	8,949	8,599					21,969	48,479

Section 8.2

Summary Level Reports (By Removal, Disposal, and Scrap)

Scherer – Unit 3

Summary Level Report

FERC/GOA	DESCRIPTION	REMOVAL	DISPOSAL	SALVAGE	TOTAL \$
311	STRUCTURES & IMPROVEMENTS				
2120	SITE FIRE PROTECTION SYS			(29)	(29)
2300	TURBINE BUILDING				
2340	STEAM GENERATOR BUILDING	25			25
3320	ENVIRONMENT MONITOR FACILITY	150		(6)	144
3520	ASH SLUDGE PUMP HOUSE	2			2
		48			48
311	FERC ACCOUNT TOTAL	225		(7)	218
312	BOILER PLANT EQUIPMENT				
4000	STEAM GENERATING SYSTEM	2,727		(1,178)	1,549
4040	PULVERIZED COAL FIRING SYSTEM	723		(207)	516
4060	LIGHTER OIL SYSTEM	51		(11)	40
5000	AUXILIARY BOILER SYSTEM	1		(12)	(11)
5020	BLOWDOWN SYSTEM	131		(4)	127
5040	DRAFT SYSTEM	1,871		(518)	1,353
5080	STACK	1			1
5240	COAL HANDLING SYSTEM	14		(23)	(9)
5360	COAL HANDLING MOTOR CTL HOUSE	17			17
5640	WET ASH HANDLING SYSTEM	750		(43)	708
5680	LIFTING SYSTEM	1		(3)	(2)
5700	CONTROL AIR SYSTEM	148		(5)	143
5720	TREATED WATER SYS	4		(9)	(5)
5740	SERVICE WATER SYSTEM	103		(43)	60
6400	MAIN TURBINE STEAM SYSTEM	392		(59)	333
6440	EXTRACTION STEAM SYSTEM	305		(9)	296
6520	AUX TURBINE STM & EXHAUST SYS	2			2
6560	VENT AND DRAIN SYSTEMS	840		(17)	823
6580	CONDENSATE SYSTEM	341		(88)	253
6600	CONDENSATE AUXILIARY SYSTEMS	330		(9)	321
6620	FEEDWATER SYSTEM	134		(27)	107
6640	FEEDWATER AUXILIARY SYSTEM	20		(1)	19
6660	WATER SAMPLING AND ANALYSIS	3			3
6700	LUBE OIL SYSTEM	26		(1)	25
6740	NITROGEN SYSTEM	14			14
312	FERC ACCOUNT TOTAL	8,630		(2,270)	6,360
314	TURBOGENERATOR UNITS				
7520	TURBINE GENERATOR SYSTEM	1,830		(53)	1,777
7700	CONDENSING SYSTEM	100		(178)	(78)
7740	COOLING WATER SYS	344		(41)	303
7780	COOLING TOWER	930		(24)	906
7900	LUBE OIL SYSTEM	31		(4)	27
314	FERC ACCOUNT TOTAL	3,034		(298)	2,736
315	ACCESSORY ELECTRIC EQUIPMENT				
8000	CABLE	330		(873)	(543)

DECEMBER 31, 2002 \$ X 1000

FERC/GOA	DESCRIPTION	REMOVAL	DISPOSAL	SALVAGE	TOTAL \$
315	ACCESSORY ELECTRIC EQUIPMENT				
8020	SITE RACEWAY SYSTEM	37			
8100	GENERATOR BUS SYSTEM	4		(203)	(166)
8240	D.C. SYSTEM - 125/250V			(19)	(19)
8280	EMERGENCY GEN SYSTEM - 4160V	1			1
8360	A.C. SYSTEM - 120/208V	2			2
8380	STANDBY A.C. SYS - 120/208V	19		(18)	1
8440	A.C. SYSTEM - 480V	24		(232)	(208)
8600	A.C. SYSTEM - 4KV	23		(81)	(58)
8640	A.C. SYSTEM - 8.9KV				
315	FERC ACCOUNT TOTAL	439		(1,226)	(786)
316	MISCELLANEOUS PLANT EQUIPMENT				
1560	CENTRAL VACUUM SYSTEM	107		(3)	104
353	STATION EQUIPMENT				
9400	TRANSFORMERS	51		(86)	(35)
	SUBTOTAL	12,485		(4,678)	7,817
304	CONTINGENCY				
0000	CONTINGENCY	782			782
	GRAND TOTAL	13,277		(4,678)	8,598



Scherer Common Facilities

Summary Level Report



DECEMBER 31, 2002 \$ X 1000

FERC/GOA	DESCRIPTION	REMOVAL	DISPOSAL	SALVAGE	TOTAL \$
307	CONSTRUCTION CLEARING ACCOUNTS				
0040	PRODUCTION COSTS				
0200	TEMPORARY SERVICES	600			600
0220	SAFETY & SECURITY FACILITIES	2,108			2,108
		301			301
307	FERC ACCOUNT TOTAL	<u>3,009</u>			<u>3,009</u>
308	ENGINEERING				
0240	ENGINEERING SCS	150			150
0260	ENGINEERING-OPERATING COMPANY	2,004			2,004
0360	CONSTRUCTION INSURANCE	455			455
308	FERC ACCOUNT TOTAL	<u>2,609</u>			<u>2,609</u>
309	OVERHEADS				
0480	GENERAL OVERHEAD	758			758
311	STRUCTURES & IMPROVEMENTS				
2020	SITE PREPARATION				
2040	SITE IMPROVEMENTS				
2080	PONDS	3,818			3,818
2120	SITE FIRE PROTECTION SYS	21		(10)	11
2360	SERVICE BAY				
2400	CONTROL ROOM				
2500	MAINTENANCE BLDG	17		(1)	16
2600	SERVICE BUILDING				
2820	CONSTRUCTION WAREHSE				
2700	WATER TREATMENT BLDG	271		(14)	258
2720	VISITORS CENTER				
2740	TRAINING BUILDING	39		(2)	36
2800	EMERGENCY GENERATOR BUILDING	24		(1)	23
2820	HYDROGEN HOUSE	35			35
2840	PRECIPITATOR CONTROL HOUSE	90			90
2860	FIRE PROTECTION BUILDING	101			101
2880	SERVICE WATER CHLORINE HOUSE	30		(1)	29
2900	CIRC WATER CHLORINE HOUSE	82		(3)	78
2920	SECURITY BUILDING	14		(1)	13
2940	WELL PUMP HOUSE	9			9
2960	LUBE OIL STORAGE HOUSE	18		(2)	17
3040	WASTE WATER CONTROL HOUSE	3			3
3080	AIR COMPRESSOR HOUSE	9			9
3100	RIVER INTAKE SWITCHGEAR BLDG	12		(1)	12
3120	NITROGEN STORAGE PAD	1			1
3300	SEWAGE TREATMENT FACILITY	4			4
3360	UTILITY TRENCH	15			15
3400	WASTE WATER TREATMENT SYSTEM	375			375
3480	CHEMICAL WASTE TREAT CTL HOUSE	2			2
3600	SECURITY GUARD HOUSE - CH AREA	3			3
3620	SECURITY GUARD HSE - SERV BLDG	3			3
3660	WATER TREAT CHLOR STOR HSE	4		(1)	3

PLANT SCHERER COMMON FACILITIES
DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

FERC/GOA	DESCRIPTION	REMOVAL	DISPOSAL	SALVAGE	TOTAL \$
311 STRUCTURES & IMPROVEMENTS					
311 FERC ACCOUNT TOTAL		<u>5,000</u>		<u>(37)</u>	<u>4,963</u>
312 BOILER PLANT EQUIPMENT					
4000	ENVIRONMENTAL CLEANUP				
4960	LIGHTER OIL SYSTEM	258	847		1,105
5000	AUXILIARY BOILER SYSTEM	154			154
5080	STACK	252			252
5240	COAL HANDLING SYSTEM	358		(29)	329
5280	COAL HANDLING SERVICE BLDG	3,173	201	(14)	3,460
5300	COAL HANDLING CONTROL HSE	619		(48)	571
5340	COAL HANDLING SWITCHGEAR HSE	34		(11)	23
5620	FUEL HANDLING RAILROAD	43		(2)	41
5640	WET ASH HANDLING SYSTEM	421		(1)	420
5700	CONTROL AIR SYSTEM	486		(65)	421
5720	TREATED WATER SYS	112		(2)	110
5740	SERVICE WATER SYSTEM	298		(26)	272
5760	FILTERED WATER SYSTEM	350		(8)	342
6740	NITROGEN SYSTEM	74		(5)	69
6780	CHEMICAL WASTE TREATMENT SYS	4		(2)	2
312 FERC ACCOUNT TOTAL		<u>6,837</u>	<u>1,048</u>	<u>(213)</u>	<u>7,472</u>
314 TURBOGENERATOR UNITS					
7740	COOLING WATER SYS	1,219		(58)	1,161
7800	LIFTING SYSTEM	3		(12)	(9)
7900	LUBE OIL SYSTEM	10		(1)	9
314 FERC ACCOUNT TOTAL		<u>1,231</u>		<u>(71)</u>	<u>1,160</u>
315 ACCESSORY ELECTRIC EQUIPMENT					
8600	A.C. SYSTEM - 4KV	1			1
SUBTOTAL		19,245	1,048	(321)	19,972
304 CONTINGENCY					
0000	CONTINGENCY	1,997			1,997
GRAND TOTAL		21,242	1,048	(321)	21,969



GEORGIA POWER COMPANY
DISMANTLING STUDY
APRIL 29, 2004



PLANT SCHERER COMMON FACILITIES
DETAIL LEVEL REPORT
DECEMBER 31, 2002 \$ X 1000



GENERATION & ENERGY MARKETING
FOSSIL/HYDRO
PROJECT CONTROLS
PAGE 3

FERG/COA	DESCRIPTION	REMOVAL	DISPOSAL	SALVAGE	TOTAL \$
----------	-------------	---------	----------	---------	----------

GRAND TOTAL ALL UNITS

62,401

1,048

(14,969)

48,480

Section 8.3

Detail Level Reports (By Unit)

Scherer – Unit 3

Detail Level Report

DECEMBER 31, 2002 \$ X 1000

FERC/COM/SUBCOM/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
					50	(20)	(20)
311 - STRUCTURES & IMPROVEMENTS							
2120 - SITE FIRE PROTECTION SYS							
2121 - WATER DISTRIBUTION SYSTEM							
0353 - MOTOR							
MOTOR	2 EA				360 TN		
2300 - TURBINE BUILDING							
2303 - CONCRETE WORK - SUBSTRUCTURE							
0801 - SUBSTRUCTURE							
CONCRETE	8,349 CY						
2304 - STRUCTURAL STEEL							
0802 - SUPERSTRUCTURE							
STRUCTURAL STEEL	2,305 TN				2,305 TN		
2305 - ARCHITECTURAL WORK							
0802 - SUPERSTRUCTURE							
FIBERGLASS PANEL	3,260 SF						
GRATING	4,100 SF				52 TN		
MASONRY WALL	8,665 SF						
EXTERIOR SIDING	42,000 SF				64 TN		
INTERIOR SIDING	33,100 SF				50 TN		
METAL PANEL	15,180 SF						
2309 - CONCRETE WORK - SUPERSTRUCTURE							
0802 - CONCRETE							
CONCRETE	1,488 CY						
0803 - ROOF							
CONCRETE	586 CY						
2317 - FIRE PROTECTION SYSTEM							
0880 - FIRE PROTECTION SYSTEM							
LESS THAN 4" PIPE	195 LF		3				3
8" PIPE	70 LF		2				2
10" PIPE	580 LF		21		12 TN	(1)	20
0880 - RUC ACCOUNT TOTAL			25			(1)	24
2340 - STEAM GENERATOR BUILDING							
2343 - CONCRETE WORK - SUBSTRUCTURE							
1001 - SUBSTRUCTURE							
CONCRETE	11,725 CY						

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
311 - STRUCTURES & IMPROVEMENTS							
2340 - STEAM GENERATOR BUILDING							
2344 - STRUCTURAL STEEL							
1002 - SUPERSTRUCTURE							
STRUCTURAL STEEL	11,315 TN				11,315 TN		
2345 - ARCHITECTURAL WORK							
1002 - ARCHITECTURAL							
GRATING	175,000 SF				8,800 TN		
MASONRY WALL	2,725 SF						
EXTERIOR SIDING	190,125 SF				195 TN		
INTERIOR SIDING	182,300 SF				184 TN		
ACOUSTICAL PANEL	9,660 SF						
METAL PANEL	88,585 SF						
2348 - COAL BUNKER/SILO							
1015 - COAL BUNKER							
SILO DUST COLLECTORS	1 LT	57					57
BUNKER	1,945 TN				1,895 TN		
1015 - RUC ACCOUNT TOTAL		57					57
2349 - CONCRETE WORK - SUPERSTRUCTURE							
1002 - SUPERSTRUCTURE							
CONCRETE	2,570 CY						
2357 - FIRE PROTECTION SYSTEM							
1080 - FIRE PROTECTION SYSTEM							
MOTOR	2 EA				3,180 TN	(3)	(3)
LESS THAN 4" PIPE	1,195 LF	16			5 TN		15
4" PIPE	540 LF	8			3 TN		8
6" PIPE	1,278 LF	27			13 TN	(1)	26
8" PIPE	885 LF	28			13 TN	(1)	25
10" PIPE	420 LF	15			9 TN	(1)	14
1080 - RUC ACCOUNT TOTAL		92				(6)	86
2340 - COA ACCOUNT TOTAL		150				(6)	144
3320 - ENVIRONMENT MONITOR FACILITY							
3323 - CONCRETE WORK - SUBSTRUCTURE							
5901 - SUBSTRUCTURE							
CONCRETE	14 CY	2					2
3520 - ASH SLUICE PUMP HOUSE							
3523 - CONCRETE WORK - SUBSTRUCTURE							
6901 - SUBSTRUCTURE							

FERG/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
311 - STRUCTURES & IMPROVEMENTS								
3520 - ASH SLUICE PUMP HOUSE								
3523 - CONCRETE WORK - SUBSTRUCTURE								
6901 - SUBSTRUCTURE CONCRETE		325 CY	48					48
311 - FERG ACCOUNT TOTAL			225				(7)	218
312 - BOILER PLANT EQUIPMENT								
4800 - STEAM GENERATING SYSTEM								
4801 - BOILER ENCLOSURE								
0001 - STRUCTURAL METAL AND TRUSSES BOILER		1 EA	1,854			14,508 TN	(899)	955
4803 - AIR HEATERS								
0031 - AIR HEATER AIR HEATER		2 EA	478			1,122 TN	(70)	408
0033 - MOTOR MOTOR		1 EA				180 TN		
4803 - SUBCOA ACCOUNT TOTAL			478				(70)	408
4804 - BOILER PENTHOUSE								
0081 - FAN FAN		2 EA	1					1
4805 - SEAL AIR SYSTEM								
0091 - FAN FAN		9 EA	11			70 TN	(4)	7
4806 - BOILER DUCT SYSTEM								
0121 - TOTAL BOILER DUCTWORK DUCTWORK		800 TN	88			800 TN	(50)	48
0122 - EXHAUST DUCT DUCTWORK		845 TN	104			845 TN	(52)	59
0123 - GAS RECIRCULATION DUCTWORK		816 TN	100			816 TN	(51)	50
0124 - FAN CONCRETE FAN		117 CY 2 EA	17 3			48 TN	(3)	17

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
412 - BOILER PLANT EQUIPMENT 4800 - STEAM GENERATING SYSTEM 4806 - BOILER DUCT SYSTEM 0124 - FAN							
0124 - RUC ACCOUNT TOTAL		<u>21</u>				<u>(3)</u>	<u>18</u>
0125 - MOTOR COPPER SCRAP MOTOR	2 EA	3			37,200 LB 12 TN	(38) (1)	(38) 2
0125 - RUC ACCOUNT TOTAL		<u>3</u>				<u>(39)</u>	<u>(36)</u>
4806 - SUBCOA ACCOUNT TOTAL		<u>328</u>				<u>(194)</u>	<u>131</u>
4807 - SOOT BLOWERS 0150 - SOOT BLOWERS SOOT BLOWER	182 EA	54			36 TN	(2)	52
4809 - BOILER WATER CIRCULATION SYS 0211 - PUMP PUMP	4 EA	3			124 TN	(8)	(4)
4800 - COA ACCOUNT TOTAL		<u>2,727</u>				<u>(1,178)</u>	<u>1,549</u>
4840 - PULVERIZED COAL FIRING SYSTEM 4841 - BOILER BURNERS 0240 - BURNERS BURNERS	8 EA	3			4 TN		3
4842 - PULVERIZERS 0272 - PULVERIZER PULVERIZER	9 EA	20			207 TN	(13)	7
0273 - MOTOR COPPER SCRAP MOTOR	9 EA	4			40,680 LB 14 TN	(41) (1)	(41) 3
0273 - RUC ACCOUNT TOTAL		<u>4</u>				<u>(42)</u>	<u>(38)</u>
0275 - FOUNDATION CONCRETE	208 CY	82					82



GEORGIA POWER COMPANY
DISMANTLING STUDY
APRIL 28, 2004

PLANT SCHERER UNIT 3
DETAIL LEVEL REPORT
DECEMBER 31, 2002 \$ X 1000

GENERATOR & ENERGY MARKETING
FOSSIL/HYDRO
PROJECT CONTROLS
PAGE 5

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	CC\$T	
312 - BOILER PLANT EQUIPMENT 4840 - PULVERIZED COAL FIRING SYSTEM 4842 - PULVERIZERS 0275 - FOUNDATION		106				(55)	51
4842 - SUBCOA ACCOUNT TOTAL							
4843 - COAL FEEDERS 0301 - FEEDER FEEDER	9 EA	3			45 TN	(3)	
4844 - PRIMARY AIR SYSTEM 0331 - PRIMARY AIR DUCT DUCTWORK	845 TN	104			845 TN	(52)	51
0332 - FAN FAN	2 EA	3			132 TN	(6)	(5)
0333 - MOTOR COPPER SCRAP MOTOR	2 EA	3			45,600 LB 15 TN	(47) (1)	(47) 2
0333 - RUC ACCOUNT TOTAL						(47)	(44)
0334 - FOUNDATION CONCRETE	95 CY	38					38
4844 - SUBCOA ACCOUNT TOTAL		148				(106)	40
4845 - COAL FIRING SYSTEM 0360 - PIPING PIPING	8,700 LT	456			17 TN	(10)	446
4846 - LIFTING SYSTEM 0391 - HOIST HOIST	19 EA	6			484 TN	(31)	(25)
4840 - COA ACCOUNT TOTAL		723				(207)	517
4960 - LIGHTER OIL SYSTEM 4961 - IGNITORS 0600 - IGNITOR IGNITOR	32 EA	5			6 TN		

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
4960 - LIGHTER OIL SYSTEM							
4962 - FUEL SUPPLY FACILITIES							
0635 - MOTOR							
MOTOR	2 EA	1			1,512 TN	(2)	(1)
0638 - PIPING							
1" PIPE	1,000 LF	13					13
3" PIPE	1,760 LF	22			7 TN	(4)	18
0638 - RUC ACCOUNT TOTAL		<u>35</u>				<u>(4)</u>	<u>31</u>
4962 - SUBCOA ACCOUNT TOTAL		<u>35</u>				<u>(6)</u>	<u>30</u>
4963 - FUEL STORAGE FACILITIES							
0672 - TANK							
TANK	1 EA				57 TN	(4)	(3)
0673 - PUMP							
PUMP	2 EA	2			3 TN		1
0679 - PIPING							
3" PIPE	680 LF	9			3 TN	(2)	7
4963 - SUBCOA ACCOUNT TOTAL		<u>10</u>				<u>(5)</u>	<u>5</u>
4960 - COA ACCOUNT TOTAL		<u>51</u>				<u>(11)</u>	<u>40</u>
5000 - AUXILIARY BOILER SYSTEM							
5002 - FEEDWATER SYSTEM							
0712 - MOTOR							
COPPER SCRAP					11,700 LB	(12)	(12)
MOTOR	1 EA	1			4 TN		1
0712 - RUC ACCOUNT TOTAL		<u>1</u>				<u>(12)</u>	<u>(11)</u>
5020 - BLOWDOWN SYSTEM							
5021 - TANKS							
0752 - TANK							
TANK	1 EA						
5022 - PIPING							
0761 - PIPING							

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
5020 - BLOWDOWN SYSTEM							
5022 - PIPING							
0761 - PIPING							
4" PIPE							
6" PIPE	15 LF						
10" PIPE	155 LF	3					3
12" PIPE	10 LF						
16" PIPE	255 LF	12			6 TN		11
24" PIPE	260 LF	17			8 TN	(1)	16
	567 LF	54			30 TN	(2)	53
0761 - RUC ACCOUNT TOTAL		<u>86</u>				<u>(3)</u>	<u>84</u>
0763 - PIPING							
LESS THAN 4" PIPE	3,380 LF	44			14 TN	(1)	44
5022 - SUBCOA ACCOUNT TOTAL		<u>131</u>				<u>(4)</u>	<u>127</u>
5020 - COA ACCOUNT TOTAL		<u>131</u>				<u>(4)</u>	<u>127</u>
5040 - DRAFT SYSTEM							
5041 - PRECIPITATORS							
0801 - FOUNDATION CONCRETE	1,015 CY	150					150
0802 - PRECIPITATOR WITH INSULATION							
PRECIPITATOR	2 EA	245			1,915 TN	(119)	126
GRATING	5,440 SF	12			25 TN	(2)	11
STRUCTURAL STEEL	410 TN	50			410 TN	(25)	25
0802 - RUC ACCOUNT TOTAL		<u>307</u>				<u>(146)</u>	<u>162</u>
5041 - SUBCOA ACCOUNT TOTAL		<u>457</u>				<u>(146)</u>	<u>312</u>
5043 - FD FAN OUTLET DUCT							
0831 - DUCTWORK WITH DAMPERS							
DUCTWORK	78 TN	10			78 TN	(6)	5
0832 - FOUNDATION CONCRETE							
CONCRETE	25 CY	4					4
STRUCTURAL STEEL	150 TN	18			150 TN	(9)	9

FERC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT								
5040 - DRAFT SYSTEM								
5047 - 10 FAN OUTLET DUCT								
0862 - FOUNDATION								
5047 - SUBCOA ACCOUNT TOTAL			486				(71)	415
5048 - FD FANS & DRIVES								
0871 - FAN FAN		2 EA	3			125 TN	(8)	(4)
0873 - MOTOR								
COPPER SCRAP		2 EA	3			38,400 LB	(39)	(39)
MOTOR						13 TN	(1)	2
0873 - RUC ACCOUNT TOTAL			3				(40)	(37)
0875 - FOUNDATION								
CONCRETE		114 CY	45					45
5048 - SUBCOA ACCOUNT TOTAL			51				(46)	3
5049 - 10 FANS & DRIVES								
0891 - FAN FAN		4 EA	7			282 TN	(17)	(11)
0892 - MOTOR								
COPPER SCRAP		4 EA	8			105,600 LB	(108)	(108)
MOTOR						35 TN	(2)	6
0892 - RUC ACCOUNT TOTAL			8				(110)	(102)
0893 - FOUNDATION								
CONCRETE		170 CY	67					67
5049 - SUBCOA ACCOUNT TOTAL			62				(127)	(66)
5040 - COA ACCOUNT TOTAL			1,871				(516)	1,355
5080 - STACK								
5086 - STACK APPURTENANCES								
0828 - CONTINUOUS EMISSIONS MONITORING								
CONTINUOUS EMISSIONS MONITORING		1 LT	1					1

FERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
512 - BOILER PLANT EQUIPMENT							
5240 - COAL HANDLING SYSTEM							
5243 - TRANSFER CONVEYOR							
1248 - MAGNETIC SEPARATOR SEPARATOR	1 EA				3 TN		
5244 - CONVEYOR TO CRUSHER HOUSE							
1283 - MOTOR MOTOR	1 EA				3,240 TN	(3)	(3)
5245 - CONVEYOR TO POWERHOUSE							
1283 - MOTOR MOTOR	1 EA				3,300 TN	(3)	(3)
5246 - TRIPPER CONVEYOR							
1303 - MOTOR MOTOR	3 EA				2,490 TN	(3)	(2)
1305 - CONVEYOR CONVEYOR	330 LF	8					8
1307 - TRIPPER CARRIAGE TRIPPER	2 EA	1			4 TN		
5246 - SUBCOA ACCOUNT TOTAL		<u>8</u>				<u>(3)</u>	<u>8</u>
5247 - CRUSHERS							
1321 - CRUSHER OR BREAKER CRUSHER	1 EA	2			28 TN	(2)	1
1322 - MOTOR COPPER SCRAP MOTOR	1 EA	1			10,800 LB 4 TN	(11)	(11) 1
1322 - RUC ACCOUNT TOTAL		<u>1</u>				<u>(11)</u>	<u>(10)</u>
5247 - SUBCOA ACCOUNT TOTAL		<u>3</u>				<u>(13)</u>	<u>(10)</u>
5248 - SAMPLING SYSTEM							
1342 - SAMPLER SAMPLER	1 EA				7 TN		
5248 - COA ACCOUNT TOTAL		<u>14</u>				<u>(23)</u>	<u>(9)</u>

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
5360 - COAL HANDLING MOTOR CTL HOUSE							
5363 - CONCRETE WORK - SUBSTRUCTURE							
2001 - SUBSTRUCTURE CONCRETE	70 CY	10					10
5364 - STRUCTURAL STEEL							
2002 - SUPERSTRUCTURE STRUCTURAL STEEL	8 TN	3			8 TN		3
5365 - ARCHITECTURAL WORK							
2002 - SUPERSTRUCTURE PRECAST CONCRETE ROOF DECKING	1,060 SF	1					1
PRECAST CONCRETE WALL PANEL	1,720 SF	2					2
2002 - RUC ACCOUNT TOTAL		3					3
5360 - COA ACCOUNT TOTAL		17					17
5840 - WET ASH HANDLING SYSTEM							
5841 - PYRITE REMOVAL SYSTEM							
3101 - PYRITE HOPPER HOPPER	9 EA	3			22 TN	(1)	1
3103 - PIPING							
4" PIPE	450 LF	7			3 TN		7
12" PIPE	62 LF	3					3
3103 - RUC ACCOUNT TOTAL		10					9
5841 - SUBCOA ACCOUNT TOTAL		12				(1)	11
5842 - BOILER BOTTOM ASH RMVL SYS							
3121 - ASH HOPPER HOPPER	1 EA						
3122 - CLINKER GRINDER CLINKER GRINDER	3 EA	1			9 TN	(1)	1
3124 - PIPING							
4" PIPE	747 LF	11			4 TN		11
6" PIPE	420 LF	9			4 TN		9
8" PIPE	2,000 LF	61			30 TN	(2)	59
10" PIPE	1,200 LF	42			24 TN	(1)	41
12" PIPE	2,848 LF	129			3 TN		129

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
5640 - WET ASH HANDLING SYSTEM							
5642 - BOILER BOTTOM ASH RMVL SYS							
3124 - PIPING							
16" PIPE	5,920 LF	377					377
3124 - RUC ACCOUNT TOTAL		<u>629</u>				(4)	<u>625</u>
5642 - SUBCOA ACCOUNT TOTAL		<u>631</u>				(5)	<u>626</u>
5643 - ASH SEPARATOR SYSTEM							
3141 - AIR SEPARATOR & TANK TANK	1 EA				2 TN		
5644 - TRANSPORT SYSTEM							
3164 - PUMP PUMP	9 EA	11			137 TN	(6)	3
3165 - MOTOR COPPER SCRAP MOTOR	4 EA	2			25,200 LB 8 TN	(26) (1)	(26) 2
3165 - RUC ACCOUNT TOTAL		<u>2</u>				(26)	<u>(24)</u>
5644 - SUBCOA ACCOUNT TOTAL		<u>13</u>				(35)	<u>(21)</u>
5645 - SLUICE WATER SYSTEM							
6673 - PIPING							
4" PIPE	1,275 LF	19			7 TN		19
6" PIPE	805 LF	17			8 TN		17
8" PIPE	40 LF	1					1
10" PIPE	607 LF	21			13 TN	(1)	21
12" PIPE	205 LF	0			5 TN		0
LESS THAN 4" PIPE	1,900 LF	25			8 TN		24
6673 - RUC ACCOUNT TOTAL		<u>93</u>				(3)	<u>91</u>
5640 - COA ACCOUNT TOTAL		<u>750</u>				(43)	<u>708</u>
5680 - LIFTING SYSTEM							
5681 - STEAM GENERATOR HOIST							
3261 - HOIST HOIST	1 EA	1			18 TN	(1)	

FERC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT								
5680 - LIFTING SYSTEM								
5681 - STEAM GENERATOR HOIST								
3302 - MOTOR MOTOR		2 EA				2,160 TN	(2)	(2)
5681 - SUBCOA ACCOUNT TOTAL			1				(3)	(2)
5700 - CONTROL AIR SYSTEM								
5701 - AIR DRYER SYSTEM								
3281 - AIR DRYER DRYER		3 EA	4			28 TN	(2)	2
5702 - COMPRESSORS AND DRIVES								
3301 - COMPRESSOR COMPRESSOR		2 EA	2			12 TN	(1)	2
5703 - AIR DISTRIBUTION SYSTEM								
3320 - AIR DISTRIBUTION SYSTEM								
LESS THAN 4" PIPE		9,364 LF	123			37 TN	(2)	121
4" PIPE		380 LF	6			2 TN		6
6" PIPE		110 LF	2					2
8" PIPE		350 LF	11			5 TN		10
3320 - RUC ACCOUNT TOTAL			142				(3)	139
5700 - COA ACCOUNT TOTAL			148				(5)	142
5720 - TREATED WATER SYS								
5722 - WATER TREATMENT SYSTEM								
3381 - CLARIFIER CLARIFIER						40 TN	(2)	(2)
3382 - TANK TANK		29 EA	4			109 TN	(7)	(3)
5722 - SUBCOA ACCOUNT TOTAL			4				(9)	(5)
5740 - SERVICE WATER SYSTEM								
5742 - PLANT SERVICE WATER SYSTEM								
3481 - PUMP PUMP		2 EA	2			45 TN	(3)	
3482 - MOTOR								

FERG/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
5740 - SERVICE WATER SYSTEM							
5742 - PLANT SERVICE WATER SYSTEM							
3482 - MOTOR							
COPPER SCRAP							
MOTOR	2 EA	2			33,600 LB 11 TN	(34) (1)	(34) 2
3482 - RUC ACCOUNT TOTAL		2				(35)	(33)
3483 - PIPING, MAIN LINE							
4" PIPE							
6" PIPE	985 LF	15			8 TN		15
8" PIPE	1,755 LF	37			18 TN	(1)	36
10" PIPE	120 LF	4					4
12" PIPE	545 LF	19			12 TN	(1)	19
16" PIPE	190 LF	9			4 TN		8
20" PIPE	740 LF	47			23 TN	(1)	46
	340 LF	28			14 TN	(1)	28
3483 - RUC ACCOUNT TOTAL		159				(5)	155
3489 - PIPING							
LESS THAN 4" PIPE	497 LF	7					7
5742 - SUBCOA ACCOUNT TOTAL		171				(42)	128
5746 - SERVICE WTR CHLORINATION SYS							
3541 - PIPING							
4" PIPE	1,405 LF	21			8 TN		21
3546 - CHLORINATOR							
CHLORINATOR	1 EA	1			6 TN		
5746 - SUBCOA ACCOUNT TOTAL		22				(1)	21
5740 - COA ACCOUNT TOTAL		183				(43)	140
6400 - MAIN TURBINE STEAM SYSTEM							
6401 - MAIN STEAM PIPING							
4001 - PIPING							
18" PIPE	45 LF	4			11 TN	(1)	3
22" PIPE	300 LF	27			105 TN	(7)	20
28" PIPE	370 LF	39			202 TN	(13)	27

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
6400 - MAIN TURBINE STEAM SYSTEM							
6401 - MAIN STEAM PIPING							
4001 - PIPING							
4001 - RUC ACCOUNT TOTAL		<u>70</u>				<u>(20)</u>	<u>50</u>
6402 - HOT REHEAT							
4021 - PIPING							
32" PIPE	645 LF	89			224 TN	(14)	75
42" PIPE	365 LF	89			193 TN	(12)	57
4021 - RUC ACCOUNT TOTAL		<u>158</u>				<u>(20)</u>	<u>132</u>
6403 - COLD REHEAT SYSTEM							
4041 - PIPING							
12" PIPE	10 LF				60 TN	(4)	44
32" PIPE	345 LF	48			76 TN	(5)	47
42" PIPE	275 LF	52					
4041 - RUC ACCOUNT TOTAL		<u>100</u>				<u>(8)</u>	<u>91</u>
6405 - MAIN STEAM BYPASS SYSTEM							
4061 - PIPING							
12" PIPE	255 LF	12			13 TN	(1)	11
24" PIPE	547 LF	52			65 TN	(4)	48
4061 - RUC ACCOUNT TOTAL		<u>64</u>				<u>(5)</u>	<u>59</u>
4065 - PIPING							
LESS THAN 4" PIPE	60 LF	1					1
6405 - SUBCOA ACCOUNT TOTAL		<u>65</u>				<u>(5)</u>	<u>60</u>
6400 - COA ACCOUNT TOTAL		<u>392</u>				<u>(59)</u>	<u>333</u>
6440 - EXTRACTION STEAM SYSTEM							
6441 - HP HEATER STEAM SYSTEM							
4101 - PIPING							
8" PIPE	200 LF	6			3 TN		6
10" PIPE	35 LF	1					1
12" PIPE	350 LF	18			8 TN	(1)	15

DECEMBER 31, 2002 \$ X 1000

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
6440 - EXTRACTION STEAM SYSTEM							
6441 - HP HEATER STEAM SYSTEM							
4101 - PIPING							
4101 - RUC ACCOUNT TOTAL		<u>23</u>				<u>(1)</u>	<u>23</u>
6442 - LP HEATER STEAM SYSTEM							
4121 - PIPING							
8" PIPE	12 LF						
10" PIPE	12 LF						
18" PIPE	105 LF	8			4 TN		8
24" PIPE	165 LF	16			9 TN	(1)	15
26" PIPE	87 LF	9			5 TN		9
30" PIPE	165 LF	18			11 TN	(1)	18
36" PIPE	145 LF	20			12 TN	(1)	19
42" PIPE	107 LF	20			12 TN	(1)	19
54" PIPE	70 LF	13			10 TN	(1)	13
4121 - RUC ACCOUNT TOTAL		<u>108</u>				<u>(4)</u>	<u>102</u>
6443 - SOOT BLOWER STEAM SYSTEM							
4141 - PIPING							
4" PIPE	3,700 LF	56			21 TN	(1)	55
6" PIPE	880 LF	14			7 TN		14
4141 - RUC ACCOUNT TOTAL		<u>70</u>				<u>(2)</u>	<u>69</u>
4143 - PIPING LESS THAN 4" PIPE	480 LF	6			2 TN		6
6443 - SUBCOA ACCOUNT TOTAL		<u>77</u>				<u>(2)</u>	<u>75</u>
6444 - AIR HEATER STEAM SYSTEM							
4161 - PIPING							
6" PIPE	200 LF	4			2 TN		4
8" PIPE	25 LF	1					1
8" PIPE	440 LF	16			9 TN	(1)	15
10" PIPE							
4161 - RUC ACCOUNT TOTAL		<u>21</u>				<u>(1)</u>	<u>20</u>
4163 - PIPING LESS THAN 4" PIPE	200 LF	3					3

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
6440 - EXTRACTION STEAM SYSTEM							
6444 - AIR HEATER STEAM SYSTEM							
4163 - PIPING							
6444 - SUBCOA ACCOUNT TOTAL						(1)	22
6445 - DEAERATOR STEAM SYSTEM							
4181 - PIPING							
18" PIPE	330 LF	26			12 TN	(1)	26
24" PIPE	55 LF	5			3 TN		5
4181 - RUC ACCOUNT TOTAL						(1)	31
6446 - TURBINE GLAND SEAL STEAM SYS							
4201 - PIPING							
4" PIPE	729 LF	11			4 TN		11
18" PIPE	330 LF	26			12 TN	(1)	26
24" PIPE	55 LF	5			3 TN		5
4201 - RUC ACCOUNT TOTAL						(1)	41
4203 - PIPING							
LESS THAN 4" PIPE							
	155 LF	2					2
6446 - SUBCOA ACCOUNT TOTAL						(1)	43
6440 - COA ACCOUNT TOTAL						(8)	296
6520 - AUX TURBINE STM & EXHAUST SYS							
6521 - FEEDWTR PMP TURB STM & EXH SYS							
4501 - PIPING							
6" PIPE	105 LF	2					2
6560 - VENT AND DRAIN SYSTEMS							
6561 - BOILER VENT & DRAIN SYSTEM							
4601 - BOILER VENT							
4" PIPE	110 LF	2			24 TN	(1)	2
6" PIPE	2,360 LF	50					2
8" PIPE	50 LF	2			8 TN		12
10" PIPE	358 LF	13			4 TN		7
12" PIPE	165 LF	8					3
14" PIPE	85 LF	3			42 TN	(3)	62
16" PIPE	1,335 LF	85			14 TN	(1)	29
18" PIPE	375 LF	30					

PLANT SCHERER UNIT 3
DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
6560 - VENT AND DRAIN SYSTEMS							
6561 - BOILER VENT & DRAIN SYSTEM							
4601 - BOILER VENT							
20" PIPE	1,180 LF	99			50 TN	(3)	96
30" PIPE	75 LF	8			5 TN		8
4601 - RUC ACCOUNT TOTAL		299				(9)	299
4602 - BOILER DRAIN							
LESS THAN 4" PIPE	7,229 LF	95			41 TN	(3)	92
6561 - SUBCOA ACCOUNT TOTAL		394				(12)	382
6562 - HP HEATER VENT & DRAIN SYSTEM							
4621 - HP HEATER VENTS AND DRAINS							
4" PIPE	695 LF	15			7 TN		14
4624 - PUMP							
PUMP	1 EA	1					1
6562 - SUBCOA ACCOUNT TOTAL		16					15
6563 - LP HEATER VENT & DRAIN SYSTEM							
4641 - LP HEATER VENTS AND DRAINS							
LESS THAN 4" PIPE	6,710 LF	88			27 TN	(2)	87
4" PIPE	10 LF	8			4 TN		8
6" PIPE	365 LF	6			3 TN		6
8" PIPE	205 LF	6			4 TN		6
10" PIPE	170 LF	6			17 TN	(1)	33
12" PIPE	740 LF	34					1
16" PIPE	15 LF	1					1
20" PIPE	10 LF	1					1
4641 - RUC ACCOUNT TOTAL		144				(3)	140
6565 - STEAM VENT & DRAIN SYSTEM							
4681 - STEAM VENT							
LESS THAN 4" PIPE	4,480 LF	59			18 TN	(1)	58
6566 - CONDENSATE VENT & DRAIN SYSTEM							
4701 - CONDENSATE VENT							
8" PIPE	115 LF	2			7 TN		2
18" PIPE	190 LF	15					15

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
8560 - VENT AND DRAIN SYSTEMS							
8566 - CONDENSATE VENT & DRAIN SYSTEM							
4701 - CONDENSATE VENT							
4701 - RUC ACCOUNT TOTAL		18					17
4702 - CONDENSATE DRAIN LESS THAN 4" PIPE	750 LF	10			3 TN		10
8566 - SUBCOA ACCOUNT TOTAL		27				(1)	27
8560 - COA ACCOUNT TOTAL		840				(17)	822
8580 - CONDENSATE SYSTEM							
8581 - CONDENSATE PIPING SYSTEM							
4901 - PIPING							
LESS THAN 4" PIPE	2,825 LF	37			11 TN	(1)	36
4" PIPE	187 LF	3			32 TN	(2)	65
6" PIPE	3,180 LF	67					1
8" PIPE	40 LF	1			2 TN		3
10" PIPE	95 LF	3			4 TN		7
14" PIPE	145 LF	8			59 TN	(4)	116
16" PIPE	1,875 LF	119					3
18" PIPE	35 LF	3			29 TN	(2)	55
20" PIPE	680 LF	57			2 TN		4
24" PIPE	40 LF	4			5 TN		8
36" PIPE	60 LF	8					
4901 - RUC ACCOUNT TOTAL		311				(9)	302
8582 - LOW PRESSURE HEATERS							
4921 - LOW PRESSURE HEATER							
HEATER	4 EA	6			157 TN	(10)	(4)
8583 - POLISHING UNIT							
4946 - POLISHING UNIT							
POLISHING UNIT	1 LT	11			66 TN	(5)	5
8584 - DEAERATOR & STORAGE TANK							
4961 - DEAERATOR							
DEAERATOR	1 EA	3			3 TN		2
STAINLESS STEEL SCRAP					6 TN		

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT 6580 - CONDENSATE SYSTEM 6584 - DEAERATOR & STORAGE TANK 4981 - DEAERATOR							
4981 - RUC ACCOUNT TOTAL		3				(1)	2
4983 - DEAERATOR STORAGE TANK STAINLESS STEEL SCRAP TANK	1 EA				8 TN 70 TN	(5) (4)	(5) (4)
4983 - RUC ACCOUNT TOTAL						(9)	(9)
6584 - SUBCOA ACCOUNT TOTAL		3				(9)	(7)
6585 - CONDENSATE PUMPS & DRIVES 4981 - PUMP PUMP	3 EA	4			33 TN	(2)	1
4982 - MOTOR COPPER SCRAP MOTOR	3 EA	5			50,400 LB 17 TN	(51) (1)	(51) 3
4982 - RUC ACCOUNT TOTAL		5				(52)	(48)
6585 - SUBCOA ACCOUNT TOTAL		8				(54)	(48)
6586 - CONDENSATE BOOSTER PUMP & DRIVE 5001 - PUMP PUMP	4 EA	3			3 TN		3
6580 - COA ACCOUNT TOTAL		341				(88)	253
6600 - CONDENSATE AUXILIARY SYSTEMS 6601 - CHEMICAL FEED SYSTEM 5101 - PUMP PUMP	8 EA	1			2 TN		1
5103 - TANK TANK	1 EA						
5104 - CHEMICAL FEED PIPING SYSTEM LESS THAN 4" PIPE	8,305 LF	112			34 TN	(2)	110

ERG/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
6600 - CONDENSATE AUXILIARY SYSTEMS							
6601 - CHEMICAL FEED SYSTEM							
5104 - CHEMICAL FEED PIPING SYSTEM							
10" PIPE	2,590 LF	92			55 TN	(3)	88
12" PIPE	1,620 LF	83			42 TN	(3)	80
5104 - RUC ACCOUNT TOTAL		<u>286</u>				<u>(6)</u>	<u>278</u>
6601 - SUBCOA ACCOUNT TOTAL		<u>287</u>				<u>(8)</u>	<u>279</u>
6604 - SPRAY WATER SYSTEM							
5181 - PIPING							
LESS THAN 4" PIPE	89 LF	1					1
4" PIPE	134 LF	2					2
6" PIPE	461 LF	10			5 TN		9
8" PIPE	247 LF	7			4 TN		7
10" PIPE	40 LF	1					1
12" PIPE	250 LF	11			6 TN		11
14" PIPE	175 LF	9			5 TN		9
5181 - RUC ACCOUNT TOTAL		<u>42</u>				<u>(1)</u>	<u>41</u>
6600 - COA ACCOUNT TOTAL		<u>330</u>				<u>(9)</u>	<u>320</u>
6620 - FEEDWATER SYSTEM							
6621 - FEEDWATER PIPING SYSTEM							
5301 - PIPING							
4" PIPE	10 LF						2
6" PIPE	85 LF	2					2
8" PIPE	70 LF	2					6
12" PIPE	125 LF	6			3 TN		6
18" PIPE	740 LF	47			23 TN	(1)	46
18" PIPE	495 LF	40			19 TN	(1)	38
20" PIPE	90 LF	8			4 TN		7
24" PIPE	10 LF	1					1
28" PIPE	170 LF	18			11 TN	(1)	17
5301 - RUC ACCOUNT TOTAL		<u>123</u>				<u>(4)</u>	<u>119</u>
6622 - HIGH PRESSURE HEATERS							
5321 - HEATER							
HEATER	4 EA	0			220 TN	(14)	(8)

RUC/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 - ROILER PLANT EQUIPMENT								
RR20 - FEEDWATER SYSTEM								
RR25 - FEEDWATER PUMPS AND DRIVES								
53R1 - PUMP								
		3 EA	4			45 TN	(3)	1
53R5 - TURBINE								
TURBINE DRIVE		2 EA	2			111 TN	(7)	(5)
RR21 - SUBCOA ACCOUNT TOTAL			6				(10)	(4)
RR20 - COA ACCOUNT TOTAL			134				(27)	108
RR40 - FEEDWATER AUXILIARY SYSTEM								
RR41 - FEEDWATER MINIMUM FLOW LINES								
5501 - PIPING								
4" PIPE		260 LF	4			3 TN	(1)	4
6" PIPE		480 LF	10			11 TN	(1)	10
5501 - RUC ACCOUNT TOTAL			14				(1)	13
RR43 - FEEDWATER RECIRCULATING LINES								
5541 - PIPING								
4" PIPE		40 LF	1					1
6" PIPE		80 LF	2					2
5541 - RUC ACCOUNT TOTAL			3					3
5544 - PIPING								
LESS THAN 4" PIPE		235 LF	3					3
RR43 - SUBCOA ACCOUNT TOTAL			6					6
RR40 - COA ACCOUNT TOTAL			20				(1)	19
RR60 - WATER SAMPLING AND ANALYSIS								
RR60 - WATER SAMPLING AND ANALYSIS								
5701 - ANALYSIS EQUIPMENT								
ANALYSIS EQUIPMENT		2 LT	1			4 TN		
5702 - PIPING								
1" PIPE		220 LF	3					3

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
312 - BOILER PLANT EQUIPMENT							
8660 - WATER SAMPLING AND ANALYSIS							
8660 - WATER SAMPLING AND ANALYSIS							
5702 - PIPING							
8660 - SUBCOA ACCOUNT TOTAL		<u>3</u>					<u>3</u>
6700 - LUBE OIL SYSTEM							
6701 - LUBE OIL SYSTEM							
6001 - PIPING							
LESS THAN 4" PIPE	1,520 LF	20			6 TN		20
6003 - PUMP							
PUMP	2 EA	2			9 TN	(1)	1
6005 - FILTER							
FILTER	2 EA	2			8 TN	(1)	1
6701 - SUBCOA ACCOUNT TOTAL		<u>23</u>				(1)	<u>22</u>
6702 - FEEDWATER PUMP TURBINE OIL SYS							
6021 - PIPING							
LESS THAN 4" PIPE	225 LF	3					3
6700 - COA ACCOUNT TOTAL		<u>26</u>				(1)	<u>25</u>
8740 - NITROGEN SYSTEM							
8741 - NITROGEN SUPPLY SYSTEM							
6501 - NITROGEN SUPPLY PIPING SYSTEM							
LESS THAN 4" PIPE	780 LF	10			3 TN		10
10" PIPE	113 LF	4			2 TN		4
6501 - RUC ACCOUNT TOTAL		<u>14</u>					<u>14</u>
312 - FERC ACCOUNT TOTAL		<u>8,638</u>				(2,270)	<u>6,368</u>
314 - TURBOGENERATOR UNITS							
7520 - TURBINE GENERATOR SYSTEM							
7521 - FOUNDATIONS							
0001 - FOUNDATION							
CONCRETE	3,435 CY	1,360					1,360

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
7520 - TURBINE GENERATOR SYSTEM							
7522 - TURBINE							
0011 - TURBINE							
TURBINE AND GENERATOR	1 EA	124			815 TN	(51)	73
7529 - TURBINE DRAIN SYSTEM							
0180 - TURBINE DRAIN SYSTEM							
LESS THAN 4" PIPE	770 LF	10			3 TN		10
4" PIPE	15 LF						
0180 - RUC ACCOUNT TOTAL		<u>10</u>					<u>10</u>
7530 - GENERATOR COOLING & PURGE							
0185 - PIPING							
LESS THAN 4" PIPE	10,313 LF	136			41 TN	(3)	133
7520 - COA ACCOUNT TOTAL		<u>1,630</u>				<u>(53)</u>	<u>1,576</u>
7700 - CONDENSING SYSTEM							
7701 - CONDENSER							
0321 - CONDENSER							
CONDENSER	1 EA	30			522 TN	(32)	(2)
STAINLESS STEEL SCRAP					234 TN	(133)	(133)
0321 - RUC ACCOUNT TOTAL		<u>30</u>				<u>(166)</u>	<u>(135)</u>
0327 - FOUNDATION							
CONCRETE	7 CY	1					1
7701 - SUBCOA ACCOUNT TOTAL		<u>31</u>				<u>(166)</u>	<u>(134)</u>
7702 - CONDENSER CONNECTIONS							
0341 - PIPING							
4" PIPE	170 LF	3			3 TN		3
6" PIPE	283 LF	6			4 TN		6
8" PIPE	237 LF	7			6 TN		7
12" PIPE	256 LF	12			2 TN		11
24" PIPE	30 LF	3					3
0341 - RUC ACCOUNT TOTAL		<u>30</u>				<u>(1)</u>	<u>29</u>
0343 - PIPING							
LESS THAN 4" PIPE	294 LF	4					4

FERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
7700 - CONDENSING SYSTEM							
7702 - CONDENSER CONNECTIONS							
0343 - PIPING							
7702 - SUBCOA ACCOUNT TOTAL		34				(7)	33
7703 - VACUUM SYSTEM							
0362 - PIPING							
LESS THAN 4" PIPE							
8" PIPE	1						1
8" PIPE	1						1
10" PIPE	10						10
14" PIPE	11						11
0362 - RUC ACCOUNT TOTAL		24				(7)	23
0363 - PUMP							
PUMP	3 EA	4					1
0364 - MOTOR							
COPPER SCRAP							
MOTOR	3 EA						(7)
0364 - RUC ACCOUNT TOTAL						(7)	(6)
7703 - SUBCOA ACCOUNT TOTAL		28				(10)	18
7704 - CONDENSER TUBE CLEANING SYSTEM							
0380 - CONDENSER TUBE CLEANING SYSTEM							
LESS THAN 4" PIPE							
4" PIPE	265 LF	3					3
	175 LF	3					3
0380 - RUC ACCOUNT TOTAL		6					6
7700 - COA ACCOUNT TOTAL		100				(176)	(77)
7740 - COOLING WATER SYS							
7741 - COOLING WATER PASSAGEWAYS							
0502 - PIPING							
PIPE	1,100 LF	138					138
7744 - COOLING TOWER INTAKE & DISCH							
0561 - INTAKE STRUCTURE							
CONCRETE	665 CY	98					98

DECEMBER 31, 2002 \$ X 1000

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
114 - TURBOGENERATOR UNITS							
7740 - COOLING WATER SYS							
7744 - COOLING TOWER INTAKE & DISCH							
0563 - DISCHARGE STRUCTURE CONCRETE	685 CY	98					98
7744 - SUBCOA ACCOUNT TOTAL		<u>197</u>					<u>197</u>
7749 - COOLING WATER PUMPS AND DRIVES							
0661 - PUMP PUMP	2 EA	3			13 TN	(1)	2
0662 - MOTOR COPPER SCRAP MOTOR	2 EA	3			38,400 LB 13 TN	(39) (1)	(39) 2
0662 - RUC ACCOUNT TOTAL		<u>3</u>				<u>(40)</u>	<u>(37)</u>
0663 - FOUNDATION CONCRETE	23 CY	3					3
7749 - SUBCOA ACCOUNT TOTAL		<u>9</u>				<u>(41)</u>	<u>(32)</u>
7740 - COA ACCOUNT TOTAL		<u>344</u>				<u>(41)</u>	<u>303</u>
7760 - COOLING TOWER							
7761 - SUBFOUNDATION WORK							
0801 - SUBSTRUCTURE CONCRETE	16,850 CY	232					232
7765 - ARCHITECTURAL WORK							
0802 - SUPERSTRUCTURE BLAST CONCRETE	1 LT 16,811 CY	63 207					63 207
0802 - RUC ACCOUNT TOTAL		<u>270</u>					<u>270</u>
7766 - COOLING TOWER EQUIPMENT							
0821 - PUMP PUMP	1 EA	19			156 TN	(10)	9
0826 - PIPING 4" PIPE	100 LF	2					2

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
314 - TURBOGENERATOR UNITS							
7760 - COOLING TOWER							
7766 - COOLING TOWER EQUIPMENT							
0826 - PIPING							
16" PIPE	405 LF	26			13 TN	(1)	25
36" PIPE	2,740 LF	362			219 TN	(14)	368
0826 - RUC ACCOUNT TOTAL		409				(14)	395
7766 - SUBCOA ACCOUNT TOTAL		428				(24)	404
7760 - COA ACCOUNT TOTAL		930				(24)	906
7900 - LUBE OIL SYSTEM							
7901 - TURBINE GENERATOR OIL SYSTEM							
1201 - FILTERING UNIT							
FILTER	1 EA	2			40 TN	(2)	(1)
1202 - PIPING							
LESS THAN 4" PIPE	584 LF	8			2 TN		8
4" PIPE	1,075 LF	16			6 TN		16
1202 - RUC ACCOUNT TOTAL		24				(1)	23
1203 - PUMP							
PUMP	3 EA	2			10 TN	(1)	2
7901 - SUBCOA ACCOUNT TOTAL		28				(4)	25
7902 - VENT SYSTEM							
1221 - PIPING							
<2.5" PIPE	196 LF	3					3
6" PIPE	18 LF						
1221 - RUC ACCOUNT TOTAL		3					3
7900 - COA ACCOUNT TOTAL		31				(4)	28
314 - FERC ACCOUNT TOTAL		3,034				(296)	2,738

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
115 - ACCESSORY ELECTRIC EQUIPMENT							
8000 - CABLE							
8000 - CABLE							
2000 - CABLE							
CABLE	3,864,250 LF	330			659,570 LB	(873)	(343)
8020 - SITE RACEWAY SYSTEM							
8021 - RACEWAYS							
0001 - CONDUIT							
CONDUIT	220,000 LF	20			282,000 LB	(166)	(147)
0002 - CABLETRAY							
CABLETRAY	62,000 LF	17			62,000 LB	(37)	(19)
8021 - SUBCOA ACCOUNT TOTAL		<u>37</u>				<u>(203)</u>	<u>(166)</u>
8100 - GENERATOR BUS SYSTEM							
8102 - GENERATOR BUS AND SUPPORTS							
0621 - BUS							
GENERATOR BUS	1 LT	4			18,300 LB	(19)	(15)
8240 - D.C. SYSTEM - 125/250V							
8243 - BATTERY SYSTEM							
1643 - BATTERY CHARGER							
BATTERY CHARGER	2 LT						
8200 - EMERGENCY GEN SYSTEM - 4160V							
8281 - GENERATOR							
1801 - GENERATOR							
GENERATOR	1 EA	1					1
8360 - A.C. SYSTEM - 120/208V							
8361 - DISTRIBUTION SYSTEM							
2148 - PANEL							
PANEL	28 LT	2					2
8380 - STANDBY A.C. SYS - 120/208V							
8381 - DISTRIBUTION SYSTEM							
2185 - SWITCHGEAR							
SWITCHGEAR	4 EA						
8440 - A.C. SYSTEM - 480V							
8441 - DISTRIBUTION SYSTEM							
2307 - MOTOR CONTROL CENTER							
MOTOR CONTROL CENTER	87 EA	14					14
2311 - SWITCHGEAR							

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
315 - ACCESSORY ELECTRIC EQUIPMENT							
8440 - A.C. SYSTEM - 48KV							
8441 - DISTRIBUTION SYSTEM							
2311 - SWITCHGEAR							
SWITCHGEAR	48 EA	4					4
8441 - SUBCOA ACCOUNT TOTAL		<u>19</u>					<u>19</u>
8444 - TRANSFORMER SYSTEM							
2321 - TRANSFORMER							
COPPER SCRAP					11,200 LB	(11)	(11)
TRANSFORMER	11 EA				6,302 LB	(7)	(7)
2321 - RUC ACCOUNT TOTAL						<u>(18)</u>	<u>(18)</u>
8440 - COA ACCOUNT TOTAL		<u>19</u>				<u>(18)</u>	<u>1</u>
8600 - A.C. SYSTEM - 4KV							
8601 - DISTRIBUTION SYSTEM							
2831 - SWITCHGEAR							
SWITCHGEAR	60 EA	10					10
8604 - TRANSFORMER SYSTEM							
2841 - TRANSFORMER							
COPPER SCRAP					224,700 LB	(229)	(229)
TRANSFORMER	3 EA	14			48 TN	(3)	(11)
2841 - RUC ACCOUNT TOTAL		<u>14</u>				<u>(232)</u>	<u>(218)</u>
8600 - COA ACCOUNT TOTAL		<u>24</u>				<u>(232)</u>	<u>(208)</u>
8840 - A.C. SYSTEM - 6.9KV							
8841 - DISTRIBUTION SYSTEM							
2704 - BUS SECTION							
CABLE BUS	32,000 LF	13			24,900 LB	(25)	(12)
2711 - SWITCHGEAR							
SWITCHGEAR	26 EA	6					6
8841 - SUBCOA ACCOUNT TOTAL		<u>19</u>				<u>(25)</u>	<u>(6)</u>

FERC/COA/SUBCOA/
RUC

DESCRIPTION

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
NECESSARY ELECTRIC EQUIPMENT 8640 - A.C. SYSTEM - 6.9KV 8644 - TRANSFORMER SYSTEM 2721 - TRANSFORMER COPPER SCRAP TRANSFORMER	1 EA	3			53,900 LB 12 TN	(55) (1)	(55) 3
2721 - RUC ACCOUNT TOTAL	3					(56)	(52)
8640 - COA ACCOUNT TOTAL	23					(81)	(59)
315 - FERC ACCOUNT TOTAL	439					(1,226)	(786)
316 - MISCELLANEOUS PLANT EQUIPMENT 1560 - CENTRAL VACUUM SYSTEM 1550 - CENTRAL VACUUM CLEANING SYS 0141 - PUMP PIJMP	2 EA	2			7 TN		2
0145 - PIPING LESS THAN 4" PIPE 4" PIPE 5" PIPE 6" PIPE 8" PIPE	1,168 LF 4,072 LF 156 LF 170 LF 681 LF	15 62 3 4 21			5 TN 23 TN	(1)	15 60 3 4 20
0145 - RUC ACCOUNT TOTAL	104					(2)	102
1560 - SUBCOA ACCOUNT TOTAL	107					(3)	104
353 - STATION EQUIPMENT 9400 - TRANSFORMERS 9401 - POWER TRANSFORMER 0160 - POWER TRANSFORMER COPPER SCRAP TRANSFORMER	3 EA	51			819,000 LB 176 TN	(835) (11)	(835) 40
0160 - RUC ACCOUNT TOTAL	51					(846)	(795)
SUBTOTAL		12,485				(4,878)	7,617



GEORGIA POWER COMPANY
DISMANTLING STUDY
APRIL 29, 2004



PLANT SCHERER UNIT 3
DETAIL LEVEL REPORT
DECEMBER 31, 2002 \$ X 1000



GENERATION 3 ENERGY MARKETING
FOSSIL/HYDRO
PROJECT CONTROLS
PAGE 31

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
353 - STATION EQUIPMENT							
9400 - TRANSFORMERS							
9401 - POWER TRANSFORMER							
0160 - POWER TRANSFORMER							
304 - CONTINGENCY							
0000 - CONTINGENCY							
0000 - CONTINGENCY							
0000 - CONTINGENCY							
	10 %	762					762

GRAND TOTAL

13,277 (1,676) 8,898

Scherer Common Facilities

Detail Level Report

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
307 - CONSTRUCTION CLEARING ACCOUNTS							
0040 - PRODUCTION COSTS							
0041 - SUPERVISORY TRAINING SALARIES							
0041 - OPC GENERATION SUPERVISION							
0041 - OPC GENERATION SUPERVISION	8 MY	600					600
0200 - TEMPORARY SERVICES							
0201 - TEMPORARY SERVICES							
0201 - TEMPORARY CONSTRUCTION SERVICES							
CONSTRUCTION SERVICES	2 %	1,515					1,515
CONTRACTOR MOBILIZATION		593					593
0201 - RUC ACCOUNT TOTAL		2,108					2,108
0220 - SAFETY & SECURITY FACILITIES							
0221 - GUARD SERVICES							
0221 - SECURITY SERVICES							
SECURITY SERVICES	8 MY	301					301
307 - FERG ACCOUNT TOTAL		3,009					3,009
308 - ENGINEERING							
0240 - ENGINEERING SCS							
0241 - DESIGN - SALARIES							
0241 - ENGINEERING (RECORDS CLOSEOUT)							
SCS ENGINEERING	2,000 MH	150					150
0260 - ENGINEERING-OPERATING COMPANY							
0261 - DESIGN - SALARIES							
0261 - OPC ENGINEERING							
GPC ENGINEERING	1 %	758					758
0268 - ENVIRONMENTAL - EXPENSES							
0268 - EXPENSES							
PERMITS		61					61
ENVIRONMENTAL ASSESSMENTS		1,185					1,185
0268 - RUC ACCOUNT TOTAL		1,247					1,247
0280 - COA ACCOUNT TOTAL		2,004					2,004
0360 - CONSTRUCTION INSURANCE							
0361 - WRAP-UP INSURANCE							
0361 - WRAP-UP AND ALL RISK INSURANCE							
WRAP-UP AND ALL RISK INSURANCE	1 %	455					455

DECEMBER 31, 2002 \$ X 1000

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
308 - ENGINEERING							
0360 - CONSTRUCTION INSURANCE							
0361 - WRAP-UP INSURANCE							
0361 - WRAP-UP AND ALL RISK INSURANCE							
308 - FERC ACCOUNT TOTAL		2,608					2,608
309 - OVERHEADS							
0480 - GENERAL OVERHEAD							
0481 - GENERAL ADMINISTRATION							
0481 - ADMINISTRATIVE & GEN OVERHEAD							
ADMINISTRATIVE & GEN OVERHEAD	1 %	758					758
311 - STRUCTURES & IMPROVEMENTS							
2020 - SITE PREPARATION							
2021 - SITE PREPARATION							
0001 - SITE PREPARATION							
BORROW MATERIAL - TOPSOIL	60,000 CY						
GRADE AND FILL - TOPSOIL	60,000 CY						
LANDSCAPING (GRASSING)	200 AC						
2040 - SITE IMPROVEMENTS							
2042 - YARD DRAINAGE							
0021 - YARD DRAINAGE							
36" PIPE BITUM. COATED	5,800 LF						
42" PIPE BITUM. COATED	7,070 LF						
2080 - PONDS							
0230 - ASH DISPOSAL POND							
ASH DISPOSAL POND	490 LT						
2084 - ASH DISPOSAL POND							
0230 - ASH DISPOSAL POND							
BORROW MATERIAL - TOPSOIL	550,000 CY						
CONCRETE	696 CY						
DEWATERING							
GRADE AND FILL - TOPSOIL	550,000 CY						
LANDSCAPING (GRASSING)	680 AC						
0231 - LANDFILL AREA (ASH DISPOSAL POND)							
LANDFILL AREA (ASH DISPOSAL POND)	2 CY						
2086 - SETTLING POND							
0240 - SETTLING POND							
BORROW MATERIAL - TOPSOIL	250,000 CY	1,253					1,253
CONCRETE	285 CY	42					42
DEWATERING		184					184
GRADE AND FILL - TOPSOIL	250,000 CY	1,860					1,860

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 - STRUCTURES & IMPROVEMENTS							
2080 - PONDS							
2086 - SETTLING POND							
0240 - SETTLING POND LANDSCAPING (GRASSING)	305 AC	459					459
0240 - RUC ACCOUNT TOTAL		<u>3,818</u>					<u>3,818</u>
2120 - SITE FIRE PROTECTION SYS							
2123 - WATER STORAGE FACILITIES							
0371 - FOUNDATION CONCRETE	50 CY						
0373 - TANK TANK	155 EA	21			155 TN	(10)	11
2360 - SERVICE BAY							
2363 - CONCRETE WORK - SUBSTRUCTURE							
1101 - SUBSTRUCTURE CONCRETE	4,810 CY						
2364 - STRUCTURAL STEEL							
1102 - SUPERSTRUCTURE STRUCTURAL STEEL	830 TN				830 TN		
2365 - ARCHITECTURAL WORK							
1102 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK	9,000 SF						
2369 - CONCRETE WORK - SUPERSTRUCTURE							
1102 - SUPERSTRUCTURE CONCRETE	560 CY						
2400 - CONTROL ROOM							
2404 - STRUCTURAL STEEL							
1302 - SUPERSTRUCTURE STRUCTURAL STEEL	4 TN				4 TN		
2405 - ARCHITECTURAL WORK							
1302 - SUPERSTRUCTURE METAL SIDING	4,100 SF						
2400 - COA ACCOUNT TOTAL							
2500 - MAINTENANCE BLD							
2503 - CONCRETE WORK - SUBSTRUCTURE							
1801 - SUBSTRUCTURE							

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 - STRUCTURES & IMPROVEMENTS								
2500 - MAINTENANCE BLD								
2503 - CONCRETE WORK - SUBSTRUCTURE								
	1801 - SUBSTRUCTURE CONCRETE	84 CY	12					12
	2504 - STRUCTURAL STEEL 1802 - SUPERSTRUCTURE STRUCTURAL STEEL	15 TN	2			15 TN	(1)	1
	2505 - ARCHITECTURAL WORK 1802 - SUPERSTRUCTURE METAL SIDING	2,200 SF	3					3
	2500 - COA ACCOUNT TOTAL		<u>17</u>				<u>(1)</u>	<u>16</u>
2600 - SERVICE BUILDING								
2603 - CONCRETE WORK - SUBSTRUCTURE								
	2301 - SUBSTRUCTURE CONCRETE	8,240 CY						
	2604 - STRUCTURAL STEEL 2302 - SUPERSTRUCTURE STRUCTURAL STEEL	1,400 TN				1,400 TN		
	2605 - ARCHITECTURAL WORK 2302 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK PRECAST CONCRETE WALL PANEL METAL PANEL	360,000 SF 30,500 SF 6,565 SF						
	2609 - CONCRETE WORK - SUPERSTRUCTURE 2302 - SUPERSTRUCTURE CONCRETE	2,045 CY						
2620 - CONSTRUCTION WAREHOUSE								
2623 - CONCRETE WORK - SUBSTRUCTURE								
	2401 - SUBSTRUCTURE CONCRETE	2,100 CY						
	2624 - STRUCTURAL STEEL 2402 - SUPERSTRUCTURE STRUCTURAL STEEL	450 TN				450 TN		
	2625 - ARCHITECTURAL WORK 2402 - SUPERSTRUCTURE PRECAST CONCRETE WALL PANEL	51,100 SF						

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 - STRUCTURES & IMPROVEMENTS							
2620 - CONSTRUCTION WAREHSE							
2625 - ARCHITECTURAL WORK							
2403 - ROOF							
PRECAST CONCRETE ROOF DECKING	24,450 SF						
2700 - WATER TREATMENT BLDG							
2703 - CONCRETE WORK - SUBSTRUCTURE							
2801 - SUBSTRUCTURE							
CONCRETE	3,400 CY	47					47
2704 - STRUCTURAL STEEL							
2802 - SUPERSTRUCTURE							
STRUCTURAL STEEL	220 TN	27			220 TN	(14)	13
2705 - ARCHITECTURAL WORK							
2802 - SUPERSTRUCTURE							
MASONRY - CONCRETE BLOCK	5,360 SF	6					6
METAL SIDING	81,100 SF	76					76
2802 - RUC ACCOUNT TOTAL		82					82
2803 - ROOF							
PRECAST CONCRETE ROOF DECKING	33,400 SF	42					42
2705 - SUBCOA ACCOUNT TOTAL		124					124
2709 - CONCRETE WORK - SUPERSTRUCTURE							
2802 - SUPERSTRUCTURE							
CONCRETE	450 CY	73					73
2700 - COA ACCOUNT TOTAL		271				(14)	258
2720 - VISITORS CENTER							
2723 - CONCRETE WORK - SUBSTRUCTURE							
2801 - SUBSTRUCTURE							
CONCRETE	100 CY						
2724 - STRUCTURAL STEEL							
2902 - SUPERSTRUCTURE							
STRUCTURAL STEEL	32 TN				32 TN		
2740 - TRAINING BUILDING							
2743 - CONCRETE WORK - SUBSTRUCTURE							
3001 - SUBSTRUCTURE							

DECEMBER 31, 2002 \$ X 1000

REG/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 - STRUCTURES & IMPROVEMENTS							
2740 - TRAINING BUILDING							
2743 - CONCRETE WORK - SUBSTRUCTURE							
3001 - SUBSTRUCTURE CONCRETE	230 CY	34					34
2744 - STRUCTURAL STEEL							
3002 - SUPERSTRUCTURE STRUCTURAL STEEL	40 TN	5			40 TN	(2)	2
2740 - COA ACCOUNT TOTAL		<u>39</u>				<u>(2)</u>	<u>36</u>
2800 - EMERGENCY GENERATOR BUILDING							
2803 - CONCRETE WORK - SUBSTRUCTURE							
3301 - SUBSTRUCTURE CONCRETE	104 CY	15					15
2804 - STRUCTURAL STEEL							
3302 - SUPERSTRUCTURE STRUCTURAL STEEL	17 TN	2			17 TN	(1)	1
2805 - ARCHITECTURAL WORK							
3302 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK	1,230 SF	1					1
METAL SIDING	2,350 SF	3					3
3302 - RUC ACCOUNT TOTAL		<u>4</u>					<u>4</u>
2809 - CONCRETE WORK - SUPERSTRUCTURE							
3302 - SUPERSTRUCTURE PRECAST CONCRETE ROOF DECKING	1,530 SF	2					2
2800 - COA ACCOUNT TOTAL		<u>24</u>				<u>(1)</u>	<u>23</u>
2820 - HYDROGEN HOUSE							
2823 - CONCRETE WORK - SUBSTRUCTURE							
3401 - SUBSTRUCTURE CONCRETE	183 CY	27					27
2825 - ARCHITECTURAL WORK							
3402 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK	2,460 SF	3					3
PRECAST CONCRETE ROOF DECKING	1,960 SF	2					2
PRECAST CONCRETE WALL PANEL	2,010 SF	3					3

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

PERC/GOA/SUBGOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
311 - STRUCTURES & IMPROVEMENTS							
2820 - HYDROGEN HOUSE							
2825 - ARCHITECTURAL WORK							
3402 - SUPERSTRUCTURE							
3402 - RUC ACCOUNT TOTAL		8					8
2820 - GOA ACCOUNT TOTAL		35					35
2840 - PRECIPITATOR CONTROL HOUSE							
2843 - CONCRETE WORK - SUBSTRUCTURE							
3501 - SUBSTRUCTURE CONCRETE	611 CY	90					90
2860 - FIRE PROTECTION BUILDING							
2863 - CONCRETE WORK - SUBSTRUCTURE							
3601 - SUBSTRUCTURE CONCRETE	615 CY	91					91
2865 - ARCHITECTURAL WORK							
3602 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK	4,668 SF	5					5
PRECAST CONCRETE ROOF DECKING	4,093 SF	5					8
3602 - RUC ACCOUNT TOTAL		10					10
2860 - GOA ACCOUNT TOTAL		101					101
2880 - SERVICE WATER CHLORINE HOUSE							
2883 - CONCRETE WORK - SUBSTRUCTURE							
3701 - SUBSTRUCTURE CONCRETE	186 CY	28					28
2884 - STRUCTURAL STEEL							
3702 - SUPERSTRUCTURE STRUCTURAL STEEL	22 TN	3			22 TN	(1)	1
2880 - GOA ACCOUNT TOTAL		30				(1)	29
2900 - CIRC WATER CHLORINE HOUSE							
2903 - CONCRETE WORK - SUBSTRUCTURE							
3801 - FOUNDATION CONCRETE CONCRETE	374 CY	55					55

DECEMBER 31, 2002 \$ X 1000

COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1 - STRUCTURES & IMPROVEMENTS							
2900 - CIRC WATER CHLORINE HOUSE							
2904 - STRUCTURAL STEEL							
3802 - SUPERSTRUCTURE							
STRUCTURAL STEEL	54 TN	7			54 TN	(3)	3
2905 - ARCHITECTURAL WORK							
3802 - SUPERSTRUCTURE							
MASONRY - CONCRETE BLOCK	4,145 SF	5					5
PRECAST CONCRETE ROOF DECKING	5,920 SF	7					7
PRECAST CONCRETE ROOF DECKING	6,230 SF	8					8
3802 - RUC ACCOUNT TOTAL		<u>20</u>					<u>20</u>
2900 - COA ACCOUNT TOTAL		<u>82</u>				<u>(3)</u>	<u>78</u>
2920 - SECURITY BUILDING							
2923 - CONCRETE WORK - SUBSTRUCTURE							
3801 - SUBSTRUCTURE							
CONCRETE	50 CY						
2924 - STRUCTURAL STEEL							
3802 - SUPERSTRUCTURE							
STRUCTURAL STEEL	10 TN	1			10 TN	(1)	1
2925 - ARCHITECTURAL WORK							
3802 - SUPERSTRUCTURE							
MASONRY - CONCRETE BLOCK	1,275 SF	1					1
PRECAST CONCRETE ROOF DECKING	1,450 SF	4					4
PRECAST CONCRETE WALL PANEL	1,240 SF	8					8
3802 - RUC ACCOUNT TOTAL		<u>13</u>					<u>13</u>
2920 - COA ACCOUNT TOTAL		<u>14</u>				<u>(1)</u>	<u>13</u>
2940 - WELL PUMP HOUSE							
2943 - CONCRETE WORK - SUBSTRUCTURE							
4001 - SUBSTRUCTURE							
CONCRETE	31 CY	5					5
2944 - STRUCTURAL STEEL							
4002 - SUPERSTRUCTURE							
STRUCTURAL STEEL	4 TN	1			4 TN		1

DECEMBER 31, 2002 \$ X 1000

RUC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1 - STRUCTURES & IMPROVEMENTS								
2940 - WELL PUMP HOUSE								
2945 - ARCHITECTURAL WORK								
4002 - SUPERSTRUCTURE								
	CONCRETE	2 CY						
	PRECAST CONCRETE ROOF DECKING	560 SF	1					1
	METAL SIDING	270 SF						
	PRECAST CONCRETE ROOF DECKING	1,800 SF	2					2
	4002 - RUC ACCOUNT TOTAL		<u>4</u>					<u>4</u>
	2940 - COA ACCOUNT TOTAL		<u>9</u>					<u>9</u>
2960 - LUBE OIL STORAGE HOUSE								
2963 - CONCRETE WORK - SUBSTRUCTURE								
4101 - SUBSTRUCTURE								
	CONCRETE	56 CY	8					8
2964 - STRUCTURAL STEEL								
4102 - SUPERSTRUCTURE								
	STRUCTURAL STEEL	26 TN	3			26 TN	(2)	2
2965 - ARCHITECTURAL WORK								
4102 - SUPERSTRUCTURE								
	MASONRY - CONCRETE BLOCK	1,840 SF	2					2
	PRECAST CONCRETE ROOF DECKING	1,135 SF	1					1
	PRECAST CONCRETE WALL PANEL	2,640 SF	3					3
	4102 - RUC ACCOUNT TOTAL		<u>7</u>					<u>7</u>
	2960 - COA ACCOUNT TOTAL		<u>16</u>				(2)	<u>17</u>
3040 - WASTE WATER CONTROL HOUSE								
3045 - ARCHITECTURAL WORK								
4302 - SUPERSTRUCTURE								
	MASONRY - CONCRETE BLOCK	980 SF	1					1
	PRECAST CONCRETE ROOF DECKING	1,200 SF	2					2
	4302 - RUC ACCOUNT TOTAL		<u>3</u>					<u>3</u>
3080 - AIR COMPRESSOR HOUSE								
3083 - CONCRETE WORK - SUBSTRUCTURE								
4501 - SUBSTRUCTURE								
	CONCRETE	50 CY	7					7

DECEMBER 31, 2002 \$ X 1000

IC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
1 - STRUCTURES & IMPROVEMENTS							
3080 - AIR COMPRESSOR HOUSE							
3084 - STRUCTURAL STEEL							
4502 - SUPERSTRUCTURE							
STRUCTURAL STEEL	12 TN	1					1
3080 - COA ACCOUNT TOTAL		<u>9</u>					<u>9</u>
3100 - RIVER INTAKE SWITCHGEAR BLDG							
3103 - CONCRETE WORK - SUBSTRUCTURE							
4601 - SUBSTRUCTURE							
CONCRETE	50 CY	7					7
3104 - STRUCTURAL STEEL							
4602 - SUPERSTRUCTURE							
STRUCTURAL STEEL	9 TN	1			9 TN	(1)	1
3105 - ARCHITECTURAL WORK							
4602 - SUPERSTRUCTURE							
MASONRY - CONCRETE BLOCK	300 SF						1
PRECAST CONCRETE ROOF DECKING	1,030 SF	1					2
PRECAST CONCRETE WALL PANEL	1,620 SF	2					
4602 - RUC ACCOUNT TOTAL		<u>4</u>					<u>4</u>
3100 - COA ACCOUNT TOTAL		<u>12</u>				(1)	<u>12</u>
3120 - NITROGEN STORAGE PAD							
3123 - CONCRETE WORK - SUBSTRUCTURE							
4681 - SUBSTRUCTURE							
CONCRETE	4 CY	1					1
3300 - SEWAGE TREATMENT FACILITY							
3301 - COLLECTION SYSTEM							
5801 - PIPING							
CONCRETE	24 CY	4					4
3360 - UTILITY TRENCH							
3360 - UTILITY TRENCH							
6101 - TRENCH							
CONCRETE	103 CY	15					15
3400 - WASTE WATER TREATMENT SYSTEM							
3402 - SEDIMENTATION FACILITIES							
6321 - TANK							
CONCRETE	440 CY	65					65

ERC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
11 - STRUCTURES & IMPROVEMENTS							
3400 - WASTE WATER TREATMENT SYSTEM							
3404 - PLANT EFF CHEM TREAT TANK							
6354 - PIPING, TREAT FACIL.-WASTE WATER NPDES PIPELINE TO RIVER & DISCHARGE POND	1 LT	115					115
6355 - FOUNDATION CONCRETE	1	189					189
FILL	1,275 CY 5,350 CY	7					7
6355 - RUC ACCOUNT TOTAL		<u>195</u>					<u>195</u>
3404 - SUBCOA ACCOUNT TOTAL		<u>310</u>					<u>310</u>
3400 - COA ACCOUNT TOTAL		<u>375</u>					<u>375</u>
3480 - CHEMICAL WASTE TREAT CTL HOUSE							
3483 - CONCRETE WORK - SUBSTRUCTURE							
6701 - SUBSTRUCTURE CONCRETE	12 CY	2					2
3600 - SECURITY GUARD HOUSE - CH AREA							
3603 - CONCRETE WORK - SUBSTRUCTURE							
7301 - SUBSTRUCTURE CONCRETE	20 CY	3					3
3620 - SECURITY GUARD HSE - SERV BLDG							
3623 - CONCRETE WORK - SUBSTRUCTURE							
7401 - SUBSTRUCTURE CONCRETE	23 CY	3					3
3960 - WATER TREAT CHLOR STOR HSE							
3964 - STRUCTURAL STEEL							
9802 - SUPERSTRUCTURE STRUCTURAL STEEL	17 TN	2			17 TN	(1)	1
3965 - ARCHITECTURAL WORK							
9802 - SUPERSTRUCTURE							
PRECAST CONCRETE ROOF DECKING	1,250 SF	2					2
3960 - COA ACCOUNT TOTAL		<u>4</u>				<u>(1)</u>	<u>3</u>

DECEMBER 31, 2002 \$ X 1000

FERC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
311 - STRUCTURES & IMPROVEMENTS							
3960 - WATER TREAT CHLOR STOR HSE							
3965 - ARCHITECTURAL WORK							
9802 - SUPERSTRUCTURE							
311 - FERC ACCOUNT TOTAL		<u>5,000</u>				<u>(37)</u>	<u>4,963</u>
312 - BOILER PLANT EQUIPMENT							
4000 - ENVIRONMENTAL CLEANUP							
4000 - ENVIRONMENTAL CLEANUP							
0000 - ENVIRONMENTAL CLEANUP							
CHEMICAL RESIDUE	800 DR	50	800	401			451
CONTAMINATED SOIL	800 CY	7	800	45			52
TANK	800 DR	200	800 DR	401			602
0000 - RUC ACCOUNT TOTAL		<u>258</u>		<u>847</u>			<u>1,105</u>
4960 - LIGHTER OIL SYSTEM							
4962 - FUEL SUPPLY FACILITIES							
0631 - FOUNDATION CONCRETE	364 CY	54					54
4963 - FUEL STORAGE FACILITIES							
0871 - FOUNDATION CONCRETE	50 CY	7					7
0876 - RETAINING ENCLOSURE CONCRETE	630 CY	93					93
4963 - SUBCOA ACCOUNT TOTAL		<u>101</u>					<u>101</u>
4960 - COA ACCOUNT TOTAL		<u>154</u>					<u>154</u>
5000 - AUXILIARY BOILER SYSTEM							
5001 - BOILER							
0701 - FOUNDATION CONCRETE	20 CY	8					8
0702 - BOILER PACKAGE BOILER	2 EA	14			328 TN	(20)	(6)
5001 - SUBCOA ACCOUNT TOTAL		<u>22</u>				<u>(20)</u>	<u>2</u>

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 - BOILER PLANT EQUIPMENT								
5000 - AUXILIARY BOILER SYSTEM								
5002 - FEEDWATER SYSTEM								
0711 - PUMP								
PUMP		3 EA	4			23 TN	(1)	2
0714 - PIPING								
LESS THAN 4" PIPE		280 LF	4					4
4" PIPE		220 LF	3					3
6" PIPE		235 LF	5			2 TN		5
8" PIPE		50 LF	2					2
0714 - RUC ACCOUNT TOTAL			14					13
5002 - SUBCOA ACCOUNT TOTAL			17				(2)	15
5005 - STEAM DISTRIBUTION SYSTEM								
0745 - PIPING								
4" PIPE		150 LF	2					2
6" PIPE		90 LF	2			5 TN		2
8" PIPE		300 LF	9			14 TN	(1)	9
10" PIPE		675 LF	24					23
12" PIPE		10 LF				65 TN	(5)	148
14" PIPE		2,925 LF	154			4 TN		9
16" PIPE		140 LF	9					2
20" PIPE		20 LF	2					
0745 - RUC ACCOUNT TOTAL			202				(7)	195
0748 - PIPING								
LESS THAN 4" PIPE		825 LF	11			3 TN		11
5005 - SUBCOA ACCOUNT TOTAL			213				(7)	208
5000 - COA ACCOUNT TOTAL			252				(28)	223
5080 - STACK								
5083 - CONCRETE WORK								
0921 - FOUNDATION CONCRETE		20,130 CY	277					277
0922 - OUTER SHELL RUBBLE		2 CY	25	16,000	201			226

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
12 - BOILER PLANT EQUIPMENT 5080 - STACK 5083 - CONCRETE WORK 0922 - OUTER SHELL								
5083 - SUBCOA ACCOUNT TOTAL			<u>302</u>		<u>201</u>			<u>503</u>
5088 - STEEL LINER 0929 - STEEL LINER STACK		220 TN	56			220 TN	(14)	42
5080 - COA ACCOUNT TOTAL			<u>358</u>		<u>201</u>		<u>(14)</u>	<u>545</u>
5240 - COAL HANDLING SYSTEM 5241 - UNLOADING CONVEYORS 1201 - CONVEYOR CONVEYOR		5,230 LF	126			26 TN	(2)	125
1202 - MOTOR MOTOR		4 EA	1			2,196 TN	(2)	(2)
5241 - SUBCOA ACCOUNT TOTAL			<u>127</u>				<u>(4)</u>	<u>123</u>
5242 - STOCKOUT CONVEYOR 1221 - STRUCTURAL METAL METAL ROOFING METAL SIDING STRUCTURAL STEEL		7,320 SF 11,000 SF 182 TN	18 28 22			12 TN 12 TN 182 TN	(1) (1) (11)	18 27 11
1221 - RUC ACCOUNT TOTAL			<u>68</u>				<u>(13)</u>	<u>56</u>
1222 - FOUNDATION CONCRETE		1,392 CY	60					60
1223 - CONVEYOR CONCRETE CONVEYOR		52 CY 432 LF	8 20					8 20
1223 - RUC ACCOUNT TOTAL			<u>28</u>					<u>28</u>
1227 - MOTOR COPPER SCRAP MOTOR		2 EA	1			6,000 LB 2 TN	(6)	(6)

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 31, 2002 \$ X 1000

SUBCOA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	- BOILER PLANT EQUIPMENT							
	140 - COAL HANDLING SYSTEM							
	5242 - STOCKOUT CONVEYOR							
	1227 - MOTOR							
	1227 - RUC ACCOUNT TOTAL						(6)	(6)
	5242 - SUBCOA ACCOUNT TOTAL		177				(19)	158
	5244 - CONVEYOR TO CRUSHER HOUSE							
	1262 - CONVEYOR CONCRETE	795 CY	11					11
	5249 - COAL STORAGE AREA							
	1362 - COAL STORAGE YARD							
	BORROW MATERIAL - TOPSOIL	43,000 CY	215					215
	EARTHWORK	35,000 CY	132					132
	GRADE AND FILL - TOPSOIL	43,000 CY	323					323
	1362 - RUC ACCOUNT TOTAL		670					670
	1363 - SUMP PUMP CONCRETE	12,270 CY	1,815					1,815
	5249 - SUBCOA ACCOUNT TOTAL		2,485					2,485
	5251 - DUST CTRL EQUIPMENT							
	1401 - PIPING DUST SUPPRESSION SYSTEM	1 LT	17					17
	1405 - DUCTWORK DUST COLLECTORS	2 LT	92					92
	5251 - SUBCOA ACCOUNT TOTAL		109					109
	5253 - CAR UNLOADING AREA							
	1441 - FOUNDATION CONCRETE	10,620 CY	150					150
	1442 - STRUCTURAL METAL GRATING	10,100 SF	23			50 TN	(3)	20
	1451 - WEIGHING DEVICE							

DECEMBER 31, 2002 \$ X 1000

IC/COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 - BOILER PLANT EQUIPMENT							
5240 - COAL HANDLING SYSTEM							
5253 - CAR UNLOADING AREA							
1451 - WEIGHING DEVICE RAILCAR FACILITY	1 LT	11					11
5253 - SUBCOA ACCOUNT TOTAL		<u>185</u>				<u>(3)</u>	<u>182</u>
5258 - RECLAIM SYSTEM							
1541 - HOPPER AND TUNNEL STRUCTURE CONCRETE	4,647 CY	64					64
1546 - STRUCTURAL METAL STRUCTURAL STEEL	21 TN	9			21 TN	(20)	(11)
1547 - RECLAIM CONVEYOR CONVEYOR	232 LF	8					8
1551 - MOTOR MOTOR	2 EA				2,040 TN	(2)	(2)
5258 - SUBCOA ACCOUNT TOTAL		<u>78</u>				<u>(22)</u>	<u>57</u>
5240 - COA ACCOUNT TOTAL		<u>3,173</u>				<u>(48)</u>	<u>3,125</u>
5280 - COAL HANDLING SERVICE BLDG							
5283 - CONCRETE WORK - SUBSTRUCTURE							
1801 - SUBSTRUCTURE CONCRETE	3,528 CY	522					522
5204 - STRUCTURAL STEEL							
1802 - SUPERSTRUCTURE STRUCTURAL STEEL	181 TN	20			181 TN	(10)	10
5285 - ARCHITECTURAL WORK							
1802 - SUPERSTRUCTURE CONCRETE	229 CY	37					37
PRECAST CONCRETE ROOF DECKING	18,280 SF	20					20
METAL SIDING	18,250 SF	20			18 TN	(1)	19
1802 - RUC ACCOUNT TOTAL		<u>78</u>				<u>(1)</u>	<u>77</u>

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
12 - BOILER PLANT EQUIPMENT 5280 - COAL HANDLING SERVICE BLDG 5285 - ARCHITECTURAL WORK 1602 - ARCHITECTURAL								
5280 - COA ACCOUNT TOTAL			619				(11)	609
5300 - COAL HANDLING CONTROL HSE 5303 - CONCRETE WORK - SUBSTRUCTURE 1701 - SUBSTRUCTURE CONCRETE		107 CY	16					16
5304 - STURCTURAL STEEL 1702 - SUPERSTRUCTURE STRUCTURAL STEEL		39 TN	5			39 TN	(2)	2
5305 - ARCHITECTURAL WORK 1702 - SUPERSTRUCTURE CONCRETE METAL SIDING		36 CY 5,800 SF	6 7					6 7
1702 - RUC ACCOUNT TOTAL			13					13
5300 - COA ACCOUNT TOTAL			34				(2)	31
5340 - COAL HANDLING SWITCHGEAR HSE 5343 - CONCRETE WORK - SUBSTRUCTURE 1901 - SUBSTRUCTURE CONCRETE		195 CY	29					29
5344 - STRUCTURAL STEEL 1902 - SUPERSTRUCTURE STRUCTURAL STEEL		22 TN	9			22 TN	(1)	8
5345 - ARCHITECTURAL WORK 1902 - SUPERSTRUCTURE METAL SIDING		3,700 SF	5					5
5340 - COA ACCOUNT TOTAL			43				(1)	41
5620 - FUEL HANDLING RAILROAD 5622 - TRESTLES 3080 - TRESTLE CONCRETE GRATING		1,667 CY 10,100 SF	276 23			50 TN	(3)	276 20

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

RC/GOA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 - BOILER PLANT EQUIPMENT							
5620 - FUEL HANDLING RAILROAD							
5622 - TRESTLES							
3080 - TRESTLE							
STRUCTURAL STEEL	995 TN	122			995 TN	(62)	61
3080 - RUC ACCOUNT TOTAL		<u>421</u>				<u>(65)</u>	<u>356</u>
5640 - WET ASH HANDLING SYSTEM							
5644 - TRANSPORT SYSTEM							
3161 - SUPPORTS							
CONCRETE	425 CY	63					63
3163 - PIPING							
CONCRETE	2,800 CY	414					414
GRATING	4,120 SF	9					9
3163 - RUC ACCOUNT TOTAL		<u>423</u>					<u>423</u>
5644 - SUBCOA ACCOUNT TOTAL		<u>486</u>					<u>486</u>
5700 - CONTROL AIR SYSTEM							
5703 - AIR DISTRIBUTION SYSTEM							
3320 - AIR DISTRIBUTION SYSTEM							
LESS THAN 4" PIPE	8,543 LF	112			34 TN	(2)	110
5720 - TREATED WATER SYS							
5721 - RAW WATER SUPPLY							
3344 - PUMP							
PUMP	4 EA	5			60 TN	(4)	1
5722 - WATER TREATMENT SYSTEM							
3362 - TANK							
TANK	1 EA				9 TN	(1)	
3365 - PIPING							
4" PIPE	2,835 LF	38			14 TN	(1)	38
3366 - CONTROL INSTALLATION							
PANEL	1 EA	3			28 TN	(2)	2
3370 - CHEMICAL STORAGE							
CONCRETE	344 CY	51					51
3373 - PIPING							
LESS THAN 4" PIPE	12,155 LF	160			49 TN	(3)	157

PLANT SCHERER COMMON FACILITIES
DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
2 - BOILER PLANT EQUIPMENT 5720 - TREATED WATER SYS 5722 - WATER TREATMENT SYSTEM 3373 - PIPING							
5722 - SUBCOA ACCOUNT TOTAL		253				(8)	246
5723 - CONDENSATE STORAGE & TRANSFER 3381 - TANK CONCRETE TANK	108 CY 4 EA	18 1			240 TN	(15)	18 (14)
3381 - RUC ACCOUNT TOTAL		17				(15)	2
3382 - PIPING CONCRETE	120 CY	18					18
3383 - PUMP PUMP	4 EA	3			7 TN		3
5723 - SUBCOA ACCOUNT TOTAL		38				(15)	22
5725 - WATER TREATMENT 3421 - PUMP PUMP	4 EA	3			6 TN		3
3423 - TANK TANK	2 EA				13 TN	(1)	(1)
5725 - SUBCOA ACCOUNT TOTAL		4				(1)	2
5720 - COA ACCOUNT TOTAL		298				(26)	272
5740 - SERVICE WATER SYSTEM 5741 - SERVICE WTR PUMPING STRUCTURE 3441 - SUBSTRUCTURE CONCRETE	456 CY	67					67
3442 - SUPERSTRUCTURE MASONRY - CONCRETE BLOCK PRECAST CONCRETE ROOF DECKING	450 SF 160 SF	1					1

IGIA POWER COMPANY
 ANTLING STUDY
 L 29, 2004

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

GENERATION & ENERGY MARKETING
 FOSSIL/HYDRO
 PROJECT CONTROLS
 PAGE 20

COA/SUBCOA/
 RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
- BOILER PLANT EQUIPMENT							
740 - SERVICE WATER SYSTEM							
5741 - SERVICE WTR PUMPING STRUCTURE							
3442 - SUPERSTRUCTURE							
3442 - RUC ACCOUNT TOTAL		1					
5741 - SUBCOA ACCOUNT TOTAL		68					68
5742 - PLANT SERVICE WATER SYSTEM							
3463 - PIPING, MAIN LINE							
4" PIPE	1,336 LF	20			8 TN		20
6" PIPE	4,032 LF	86			40 TN	(2)	83
8" PIPE	3,300 LF	100			50 TN	(3)	97
12" PIPE	610 LF	28			14 TN	(1)	27
16" PIPE	150 LF	10			5 TN		9
3463 - RUC ACCOUNT TOTAL		243				(7)	236
3469 - PIPING LESS THAN 4" PIPE	2,971 LF	39			12 TN	(1)	38
5742 - SUBCOA ACCOUNT TOTAL		282				(8)	274
5740 - COA ACCOUNT TOTAL		350				(8)	342
5760 - FILTERED WATER SYSTEM							
5761 - FILTERED WATER SUPPLY SYSTEM							
3573 - PIPING							
4" PIPE	1,040 LF	16			6 TN		15
6" PIPE	1,750 LF	37			18 TN	(1)	36
3573 - RUC ACCOUNT TOTAL		53				(1)	51
3575 - PIPING LESS THAN 4" PIPE	1,040 LF	14			4 TN		13
5761 - SUBCOA ACCOUNT TOTAL		67				(2)	65
5762 - FILTERED WATER STORAGE SYS							
3581 - FOUNDATION CONCRETE	50 CY	7					7

SUBCOA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
	BOILER PLANT EQUIPMENT 60 - FILTERED WATER SYSTEM 5762 - FILTERED WATER STORAGE SYS 3583 - TANK TANK	1 EA				52 TN	(3)	(3)
	5762 - SUBCOA ACCOUNT TOTAL		<u>8</u>				<u>(3)</u>	<u>4</u>
	760 - COA ACCOUNT TOTAL		<u>74</u>				<u>(5)</u>	<u>69</u>
	740 - NITROGEN SYSTEM 6742 - NITROGEN STORAGE FACILITIES 8521 - TANK TANK	1 EA						
	6780 - CHEMICAL WASTE TREATMENT SYS 6782 - SEDIMENTATION FACILITIES 6701 - TANK TANK	6 EA	1			23 TN	(1)	(1)
	6783 - FILTRATION FACILITIES 6712 - PUMP PUMP	4 EA	3			9 TN	(1)	3
	6780 - COA ACCOUNT TOTAL		<u>4</u>				<u>(2)</u>	<u>2</u>
	12 - FERC ACCOUNT TOTAL		<u>8,637</u>		<u>1,548</u>		<u>(213)</u>	<u>7,472</u>
	14 - TURBOGENERATOR UNITS 7740 - COOLING WATER SYS 7743 - COOLING WTR DISCHARGE STRUCTURE 0540 - DISCHARGE STRUCTURE CONCRETE	810 CY	120					120
	7748 - STORAGE WATER INTAKE STRUCTURE 0641 - INTAKE STRUCTURE CONCRETE GRATING STRUCTURAL STEEL	1,417 CY 2,300 SF 17 TN	68 5 7			11 TN 17 TN	(1) (1)	68 5 8
	0641 - RUC ACCOUNT TOTAL		<u>80</u>				<u>(2)</u>	<u>78</u>

DECEMBER 31, 2002 \$ X 1000

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
TURBOGENERATOR UNITS							
40 - COOLING WATER SYS							
7750 - STORAGE WATER SUPPLY SYSTEM							
0681 - PUMP							
PUMP	4 EA	4			18 TN	(1)	3
0682 - MOTOR							
COPPER SCRAP					52,600 LB	(54)	(54)
MOTOR	4 EA	4			18 TN	(1)	3
0682 - RUC ACCOUNT TOTAL		4				(55)	(51)
0683 - PIPING							
80" PIPE	8,000 LF	1,003					1,003
7750 - SUBCOA ACCOUNT TOTAL		1,010				(56)	954
7751 - STORAGE POND INTAKE STRUCT							
0691 - INTAKE STRUCTURE							
CONCRETE	53 CY	8					8
GRATING	640 SF	1			3 TN		1
0691 - RUC ACCOUNT TOTAL		9					9
7740 - COA ACCOUNT TOTAL		1,219				(56)	1,161
7800 - LIFTING SYSTEM							
7802 - OVERHEAD CRANES							
1021 - CRANE							
CRANE	1 EA	3			198 TN	(12)	(10)
7900 - LUBE OIL SYSTEM							
7903 - OIL STORAGE & TRANSFER FAC							
1241 - TANK							
TANK	2 EA				14 TN	(1)	(1)
1245 - FOUNDATION							
CONCRETE	64 CY	9					9
7903 - SUBCOA ACCOUNT TOTAL		10				(1)	9

PLANT SCHERER COMMON FACILITIES
 DETAIL LEVEL REPORT
 DECEMBER 31, 2002 \$ X 1000

RC/COA/SUBCOA/ RUC	DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
		QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
4 - TURBOGENERATOR UNITS 7900 - LUBE OIL SYSTEM 7903 - OIL STORAGE & TRANSFER FAC 1245 - FOUNDATION								
4 - FERC ACCOUNT TOTAL			1,231				(71)	1,160
5 - ACCESSORY ELECTRIC EQUIPMENT 8600 - A.C. SYSTEM - 4KV 8601 - DISTRIBUTION SYSTEM 2631 - SWITCHGEAR SWITCHGEAR		8 EA	1					1
UBTOTAL			19,245		1,048		(321)	19,972
04 - CONTINGENCY 0000 - CONTINGENCY 0000 - CONTINGENCY 0000 - CONTINGENCY CONTINGENCY		1 %	1,997					1,997
GRAND TOTAL			21,242		1,048		(321)	21,969

GIA POWER COMPANY
INITIAL STUDY
12/29/2004

PLANT SCHERER COMMON FACILITIES
DETAIL LEVEL REPORT

DECEMBER 31, 2002 \$ X 1000

GENERATION & ENERGY MARKETING
FOSSIL/HYDRO
PROJECT CONTROLS
PAGE 24

COA/SUBCOA/
RUC

DESCRIPTION	REMOVAL		DISPOSAL		SALVAGE		TOTAL \$
	QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
END TOTAL ALL UNITS		52,401		1,048		(14,960)	48,480