



Florida Power
A Progress Energy Company

ORIGINAL

JAMES A. MCGEE
ASSOCIATE GENERAL COUNSEL

December 29, 2000

Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

01003 | -EI
File in 010000

Re: Fossil Dismantlement Cost Study
of Florida Power Corporation

Dear Ms. Bayó:

Pursuant to Order No. PSC-97-0840-S-EI, issued July 14, 1997 in Docket No. 970261-EI, enclosed for filing in the subject docket are an original and fifteen copies of Florida Power Corporation's Fossil Dismantlement Cost Study.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/kbd
Enclosure

cc: Ms. Patricia Lee (with enclosure)

- APP _____
- CAF _____
- CMP _____
- COM 5
- CTR _____
- ECR _____
- LEG 1
- OPC 1
- PAI _____
- RGO _____
- SEC 1
- SER _____
- OTH _____

Section 2
56-01

Post Office Box 14042
St. Petersburg, Florida 33733-4042

Section 1
DOCUMENT NUMBER-DATE
00049 JAN-26

Phone: 727.820.5184 • Fax: 727.820.5519
Email: james.mcgee@pgnmail.com



Florida Power

A Progress Energy Company

2000 FOSSIL DISMANTLEMENT COST STUDY

DOCUMENT NUMBER-DATE

00049 JAN-25

FPSC-RECORDS/REPORTING

SECTION 1

Sargent & Lundy LLC

B. H. Yee
Senior Manager
312/269-6709
312/269-3146 – Fax

August 4, 2000
Project No. 09991-003

Florida Power Corporation
All Plants

Revision to SL-4863, Rev. 07/31/97
"2000 Fossil Plant Dismantling Cost Study"

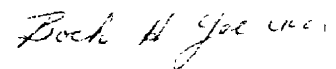
Mr. David L. Campbell, Jr.
Principal Civil Structural Engineer
Florida Power Corporation
3201 34th Street, South
St. Petersburg, Florida 33711-3828

Dear Mr. Campbell:

Enclosed are five copies of SL-5428 entitled, "2000 Fossil Plant Dismantling Cost Study." This report is the second update to the original 1993 costs, with the first update in 1997.

If you have any questions, please call me.

Very truly yours,



B. H. Yee
Project Manager

BHY:kc
Enclosure
Copies:
G. A. Anderson (1/0)
J. Kutin (1/0)
E. Zakis (1/0)
K. Zwierz (1/1)
File (1/1)
g:\anderson\fp\letter\8-4ltr.doc

TABLE OF CONTENTS

<u>Section</u>	<u>Section Title</u>	<u>Page</u>
1	General Scope	1-1
2	Cost Summary	2-1
3	Definition of Terms.....	3-1
4	Assumptions	4-1
5	Plant Descriptions	5-1
6	Methodology for Performing Scope.....	6-1
7	Dismantling Approach and Sequence	7-1
8	Cost Basis	8-1
9	Cost Estimates	9-1

APPENDICES

Appendix A – Anclote Cost Estimate

Appendix B – Avon Park Cost Estimate

Appendix C – Bartow Cost Estimate

Appendix D – Bayboro Cost Estimate

Appendix E – Crystal River South Cost Estimate

Appendix F – Crystal River North Cost Estimate

Appendix G – Crystal River Site Common Cost Estimate

Appendix H – Crystal River Helper Cooling Towers Cost Estimate

Appendix I – Crystal River Fish Hatchery Cost Estimate

Appendix J – Debary Cost Estimate

Appendix K – Higgins Cost Estimate

Appendix L – Intercession City Cost Estimate

Appendix M – Port St. Joe Cost Estimate

Appendix N – Rio Pinar Cost Estimate

Appendix O – Suwannee Cost Estimate

Appendix P – Turner Cost Estimate

Appendix Q – University of Florida Cogeneration Cost Estimate

Appendix R – System Fuel Terminal and Bartow/Anclote Pipeline Cost Estimate

Appendix S – Hines Energy Center Estimate

Appendix T – Tiger Bay Estimate

Section 1**GENERAL SCOPE**

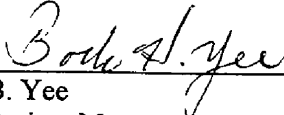
In 1993, Sargent & Lundy (S&L) and U.S. Dismantlement Corporation (USDC) developed demolition costs for each of the fossil-fueled generating facilities owned by Florida Power Corporation (FPC). This is the second update to the original 1993 costs, with the first update in 1997. For this revised report, we have updated the costs to 2000 and have revised the estimate scopes and costs based on changes that occurred between 1997 and 2000.

In 1993, the project team included engineering estimating expertise from Sargent and Lundy and dismantling expertise from U.S. Dismantlement Corporation. Sargent & Lundy is a large consulting engineering firm specializing in all aspects of utility engineering consulting services. At that time, USDC was the sixth largest demolition contractor in the United States and performed work nationwide through their four offices.

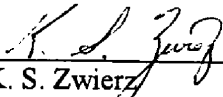
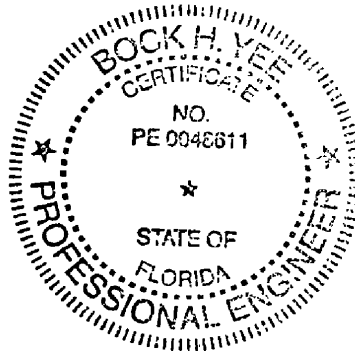
Each facility was viewed as if it were completely decommissioned today. The direct cost of dismantling and disposal of each facility, including scrap value, as given in this study reflect the conditions at each facility as they currently exist without regard to future operating plans. No consideration was given to replacement generation costs or to the valuation of the land.

The general methodology employed started with the gathering of applicable FPC data. Material quantities derived from the data collection effort were entered into S&L's Integrated Cost Estimating and Monitoring System (ICEMS) computer database software. Each site was then visited concurrently by S&L and USDC estimators to verify and update current site equipment, facilities, and condition information. USDC then developed dismantling sequences, crew man-hours, and unit costs for inclusion in the S&L databases. FPC overheads and indirects were added to the direct dismantling costs. Contingency was applied to obtain the total cost to dismantle each facility.

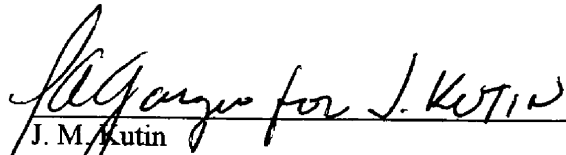
SARGENT & LUNDY, BY



B. Yee
Project Manager
Fossil Power Technologies



K. S. Zwierz
Senior Project Estimating Engineer
Cost Information Division



J. M. Kutin
Senior Project Estimating Engineer
Cost Information Division

Section 2
COST SUMMARY

The following cost summary shows total cost for all stations in January 1, 2000 dollars. This summary includes total scrap value, demolition costs, contractor's expenses, FPC indirect expenses, and contingency. Detailed cost estimates for each site are included as appendixes to this report.

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Anclote</u>	
Unit 1	\$ 2,589,000
Unit 2	2,255,000
Common Facilities	2,778,000
Off-Site Disposal	2,285,000
Indirect Expenses	1,174,800
Contingency	<u>1,662,000</u>
Total - Anclote	\$ 12,743,800
<u>Avon Park</u>	
Unit 1	Previously Demolished
Unit 2	Previously Demolished
Common Facilities Units 1 & 2	Previously Demolished
Station Peakers 1-2	88,000
Station Peakers Common Facilities	71,000
Off-Site Disposal	10,000
Indirect Expenses	263,100
Contingency	<u>65,000</u>
Total - Avon Park	\$ 497,100

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Bartow</u>	
Unit 1	\$ 2,777,000
Unit 2	2,179,000
Unit 3	1,207,000
Common Facilities	2,784,000
Station Peakers 1-4	326,000
Station Peakers Common Facilities	302,000
Off-Site Disposal	7,558,000
Indirect Expenses	1,212,000
Contingency	<u>2,752,000</u>
Total - Bartow	\$ 21,097,000
<u>Bayboro</u>	
Station Peakers 1-4	\$ 271,000
Station Peakers Common Facilities	235,000
Off-Site Disposal	160,000
Indirect Expenses	571,100
Contingency	<u>186,000</u>
Total - Bayboro	\$ 1,423,100
<u>Crystal River South</u>	
Unit 1	\$ 7,299,000
Unit 2	7,591,000
Common Facilities	4,932,000
Off-Site Disposal	5,064,000
Indirect Expenses	1,251,000
Contingency	<u>3,921,000</u>
Total - Crystal River South	\$ 30,058,000
<u>Crystal River North</u>	
Unit 4	\$ 5,128,000
Unit 5	4,667,000
Common Facilities	5,719,000
Off-Site Disposal	4,035,000
Indirect Expenses	1,225,000
Contingency	<u>3,116,000</u>
Total - Crystal River North	\$ 23,890,000

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Crystal River - Common</u>	
Units 1, 2, 4, and 5 – Common Facilities	\$ 5,225,000
Indirect Expenses	597,000
Contingency	<u>873,000</u>
Total – Crystal River Common	\$ 6,695,000
<u>Crystal River – Helper Cooling Towers</u>	
Helper Cooling Towers – Common Facilities	\$ 1,684,000
Indirect Expenses	578,000
Contingency	<u>339,000</u>
Total Crystal River Helper Cooling Towers	\$ 2,601,000
<u>Crystal River – Fish Hatchery</u>	
Fish Hatchery – Common Facilities	\$ 613,000
Indirect Expenses	170,000
Contingency	<u>117,000</u>
Total - Crystal River Fish Hatchery	\$ 900,000
<u>Debary</u>	
Station Peakers 1-6	\$ 491,000
Station Peakers 7-10	1,078,000
Station Peakers Common Facilities	2,053,000
Off-Site Disposal	1,286,000
Indirect Expenses	594,000
Contingency	<u>825,000</u>
Total - Debary	\$ 6,327,000
<u>Higgins</u>	
Unit 1	\$ 496,000
Unit 2	459,000
Unit 3	429,000
Common Facilities	551,000
Station Peakers 1-4	235,000
Station Peakers Common Facilities	89,000
Off-Site Disposal	1,886,000
Indirect Expenses	608,000
Contingency	<u>713,000</u>
Total - Higgins	\$ 5,466,000

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Intercession City</u>	
Station Peakers 1-6	\$ 525,000
Station Peakers 7-10	1,078,000
Station Peaker 11	120,000
Station Peakers 12-14	809,000
Station Peaker Common Facilities	1,599,000
Off-Site Disposal	717,000
Indirect Expenses	589,000
Contingency	<u>816,000</u>
Total – Intercession City	\$ 6,253,000
<u>Port St. Joe</u>	
Station Peaker (removed from site)	\$ 9,000
Station Peaker Common Facilities	65,000
Off-Site Disposal	47,000
Indirect Expenses	62,000
Contingency	<u>27,000</u>
Total – Port St. Joe	\$ 210,000
<u>Rio Pinar</u>	
Station Peaker	\$ 41,000
Station Peaker Common Facilities	110,000
Off-Site Disposal	47,000
Indirect Expenses	256,000
Contingency	<u>68,000</u>
Total – Rio Pinar	\$ 522,000
<u>Suwannee</u>	
Unit 1	\$ 2,206,000
Unit 2	2,133,000
Unit 3	2,388,000
Common Facilities	747,000
Station Peakers 1-3	205,000
Station Peakers Common Facilities	123,000
Off-Site Disposal	769,000
Indirect Expenses	610,000
Contingency	<u>1,377,000</u>
Total – Suwannee	\$10,558,000

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Turner</u>	
Unit 1	\$ 202,000
Unit 2	194,000
Unit 3	1,336,000
Unit 4	1,192,000
Common Facilities	1,100,000
Station Peakers 1-2	82,000
Station Peakers 3-4	213,000
Station Peakers Common Facilities	281,000
Off-Site Disposal	901,000
Indirect Expenses	1,157,000
Contingency	<u>999,000</u>
Total – Turner	\$ 7,657,000
<u>University of Florida Cogeneration</u>	
Cogenerating Plant	\$ 280,000
Cogenerating Plant Common Facilities	95,000
Off-Site Disposal	10,000
Indirect Expenses	570,000
Contingency	<u>143,000</u>
Total – University of Florida Cogeneration	\$ 1,098,000
<u>System Fuel Terminal</u>	
Bartow-Anclote Oil Pipeline Common Facilities	\$ 3,546,000
Off-Site Disposal	2,041,000
Indirect Expenses	598,000
Contingency	<u>928,000</u>
Total – System Fuel Terminal	\$ 7,113,000
<u>Hines Energy Center</u>	
Cogenerating Plant Block #1	\$ 1,067,000
Cogenerating Plant Block #2	1,038,000
Cogenerating Plant Common Facilities	501,000
Off-Site Disposal	139,000
Indirect Expenses	1,152,000
Contingency	<u>585,000</u>
Total Hines Energy Center	\$ 4,482,000

<u>Station/Unit</u>	<u>Grand Total Cost</u>
<u>Tiger Bay</u>	
Cogenerating Plant	\$ 524,000
Cogenerating Plant Common Facilities	216,000
Off-Site Disposal	20,000
Indirect Expenses	571,000
Contingency	<u>200,000</u>
Total - Tiger Bay	\$ 1,531,000
<hr/>	
<u>Total - All Stations</u>	\$151,122,000

PROGRESS ENERGY
 FLORIDA POWER CORPORATION
 2000 DISMANTLEMENT STUDY

Florida Power proposes the following reserve adjustments:

Transfer of Surplus Reserve from:

	<u>Surplus</u>	<u>Future \$'s To Dismantle</u>	<u>Accumulated Reserve</u>
Turner Steam Plant	1,305,976	7,249,649	8,555,625
Higgins Steam Plant	5,995,602	5,376,977	11,372,579
Port St. Joe Gas Turbine	68,203	244,184	312,387
Avon Park Steam	<u>4,121,717</u>	0	4,121,717
Total	11,491,498		

Transfer of Surplus Reserve to:

	<u>Deficit</u>	<u>Future \$'s To Dismantle</u>	<u>Accumulated Reserve</u>
Suwannee River Steam	3,959,268	13,543,291	9,584,023
Higgins Gas Turbine	484,377	1,037,916	553,539
Rio Pinar Gas Turbine	317,725	702,064	384,339
Turner Gas Turbine 1&2	203,803	203,803	0
Avon Park Gas Turbine	380,990	668,409	287,419
Bartow Gas Turbine	1,471,934	2,093,911	621,977
Bartow Steam	<u>4,673,401</u>	29,556,048	16,055,262
Total	11,491,498		

FLORIDA POWER CORPORATION
 PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	STUDY DATE (1)	CAPITAL RECOVERY YEAR (2)	DISMANTLEMENT COST COMPONENTS	COST ESTIMATE PER STUDY	INFLATION COMPOUNDED MULTIPLIER	COST ESTIMATE 2001 DOLLARS	FIRST YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	SECOND YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	THIRD YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	TOTAL FUTURE \$ COST						
CRYSTAL RIVER SOUTH UNITS 1 & 2	2000	2014	LABOR	22,755,202	1.041	23,688,166	2019	50%	2.035	24,108,181	2020	50%	2.135	25,737,891						49,846,072					
			MATERIAL & EQ	4,168,357	1.004	4,185,030		50%	1.238	2,591,073		50%	1.259	1,631,479							4,222,552				
			DISPOSAL	6,116,503	1.016	6,214,367		50%	1.512	4,696,598		50%	1.563	3,670,206							8,366,805				
			SALVAGE	(2,982,062)	1.012	(3,017,847)		50%	1.252	(1,888,620)		50%	1.268	(1,197,295)							(3,085,915)				
						30,058,000			31,069,716				29,507,233				29,842,281	59,349,514							
CRYSTAL RIVER SOUTH COOLING TOWERS	2000	2014	LABOR	2,553,127	1.041	2,657,805	2019	100%	2.035	5,409,862											5,409,862				
			MATERIAL & EQ	105,047	1.004	105,467		100%	1.238	130,596												100%		130,596	130,596
			DISPOSAL	0	1.016	0		100%	1.512	0												100%		0	0
			SALVAGE	(57,174)	1.012	(57,860)		100%	1.252	(72,420)												100%		(72,420)	(72,420)
						2,601,000			2,705,412				5,468,038				5,468,038	5,468,038							
CRYSTAL RIVER SOUTH FISH HATCHERY	2000	2014	LABOR	872,103	1.041	907,859	2019	100%	2.035	1,847,913											1,847,913				
			MATERIAL & EQ	27,897	1.004	28,009		100%	1.238	34,682												100%		34,682	34,682
			DISPOSAL	0	1.016	0		100%	1.512	0												100%		0	0
			SALVAGE	0	1.012	0		100%	1.252	0												100%		0	0
						900,000			935,868				1,882,595				1,882,595	1,882,595							
CRYSTAL RIVER NORTH UNITS 4 & 5	2000	2029	LABOR	18,304,075	1.041	19,054,542	2034	50%	4.387	41,799,004	2035	50%	4.620	44,014,352							85,813,356				
			MATERIAL & EQ	5,105,672	1.004	5,126,095		50%	1.596	4,090,804		50%	1.623	4,160,348								8,251,152			
			DISPOSAL	4,930,982	1.016	5,009,878		50%	2.652	6,643,878		50%	2.756	6,902,990								13,546,868			
			SALVAGE	(4,450,729)	1.012	(4,504,138)		50%	1.501	(3,381,064)		50%	1.519	(3,421,637)								(6,802,702)			
						23,890,000			24,686,377				49,152,623				51,656,052	100,808,675							
CRYSTAL RIVER COMMON	2000	2029	LABOR	6,224,805	1.041	6,480,022	2034	100%	4.387	28,429,806											28,429,806				
			MATERIAL & EQ	639,386	1.004	641,944		100%	1.596	1,024,587												100%		1,024,587	1,024,587
			DISPOSAL	0	1.016	0		100%	2.652	0												100%		0	0
			SALVAGE	(169,191)	1.012	(171,221)		100%	1.501	(257,057)												100%		(257,057)	(257,057)
						6,695,000			6,950,744				29,197,336				29,197,336	29,197,336							
ANCLOTE STEAM	2000	2023	LABOR	10,128,689	1.041	10,543,965	2028	50%	3.218	16,966,848	2029	50%	3.389	17,866,091							34,832,938				
			MATERIAL & EQ	2,273,085	1.004	2,282,177		50%	1.443	1,646,060		50%	1.467	1,674,043								3,320,104			
			DISPOSAL	2,939,166	1.016	2,986,193		50%	2.108	3,147,887		50%	2.191	3,270,654								6,418,541			
			SALVAGE	(2,597,140)	1.012	(2,628,306)		50%	1.398	(1,836,685)		50%	1.414	(1,858,725)								(3,695,409)			
						12,743,800			13,184,030				19,924,110				20,952,063	40,876,173							
BARTOW STEAM	2000	2008	LABOR	10,134,146	1.041	10,549,646	2013	50%	1.590	8,388,390	2014	50%	1.649	8,698,760							17,087,150				
			MATERIAL & EQ	2,400,262	1.004	2,409,863		50%	1.143	1,376,677		50%	1.156	1,393,197								2,769,874			
			DISPOSAL	8,696,155	1.016	8,835,293		50%	1.288	5,691,140		50%	1.317	5,816,345								11,507,485			
			SALVAGE	(1,517,012)	1.012	(1,535,216)		50%	1.171	(898,837)		50%	1.185	(909,623)								(1,808,460)			
						19,713,551			20,259,586				14,557,369				14,998,679	29,556,048							
BARTOW GAS TURBINE	2000	2008	LABOR	818,962	1.041	852,539	2013	100%	1.590	1,355,767											1,355,767				
			MATERIAL & EQ	168,554	1.004	169,228		100%	1.143	193,349												100%		193,349	193,349
			DISPOSAL	610,365	1.016	620,131		100%	1.288	798,898												100%		798,898	798,898
			SALVAGE	(214,432)	1.012	(217,005)		100%	1.171	(254,104)												100%		(254,104)	(254,104)
						1,383,449			1,424,893				2,093,911				2,093,911	2,093,911							
BARTOW-ANCLOTE PIPELINE & FUEL TERM	2000	2023	LABOR	3,143,494	1.041	3,272,377	2028	100%	3.218	10,531,508											10,531,508				
			MATERIAL & EQ	1,791,246	1.004	1,798,411		100%	1.443	2,594,271												100%		2,594,271	2,594,271
			DISPOSAL	2,598,447	1.016	2,640,022		100%	2.108	5,565,944												100%		5,565,944	5,565,944
			SALVAGE	(420,187)	1.012	(425,229)		100%	1.398	(594,308)												100%		(594,308)	(594,308)
						7,113,000			7,285,581				18,097,414				18,097,414	18,097,414							
HINES ENERGY COMBINED CYCLE UNIT 1	2000	2023	LABOR	1,548,108	1.041	1,611,580	2028	100%	3.218	5,186,557											5,186,557				
			MATERIAL & EQ	856,965	1.004	860,393		100%	1.443	1,241,147												100%		1,241,147	1,241,147
			DISPOSAL	92,863	1.016	94,349		100%	2.108	198,915												100%		198,915	198,915
			SALVAGE	(662,903)	1.012	(670,858)		100%	1.398	(937,603)												100%		(937,603)	(937,603)
						1,835,033			1,895,464				5,689,016				5,689,016	5,689,016							
AVON PARK GAS TURBINE	2000	2006	LABOR	267,681	1.041	278,656	2011	100%	1.479	412,080											412,080				
			MATERIAL & EQ	329,432	1.004	330,750		100%	1.119	370,081												100%		370,081	370,081
			DISPOSAL	29,424	1.016	29,895		100%	1.235	36,909												100%		36,909	36,909
			SALVAGE	(129,437)	1.012	(130,990)		100%	1.150	(150,660)												100%		(150,660)	(150,660)
						497,100			508,310				668,409				668,409	668,409							

FLORIDA POWER CORPORATION
 PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	STUDY DATE (1)	CAPITAL RECOVERY YEAR (2)	DISMANTLEMENT COST COMPONENTS	COST ESTIMATE PER STUDY	INFLATION COMPOUNDED MULTIPLIER	COST ESTIMATE 2001 DOLLARS	FIRST YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	SECOND YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	THIRD YEAR OF EXPENSE (3)	% OF TOTAL COST	INFLATION COMPOUNDED MULTIPLIER	FUTURE DOLLAR COST	TOTAL FUTURE \$ COST
DEBARY GAS TURBINE UNITS 7 - 10	2000	2032	LABOR	2,759,124	1.041	2,872,248	2037	100%	5.123	14,713,110									14,713,110
			MATERIAL & EQ	1,687,007	1.004	1,693,755		100%	1.679	2,843,581									2,843,581
			DISPOSAL	1,433,022	1.016	1,455,950		100%	2.975	4,331,295									4,331,295
			SALVAGE	(409,951)	1.012	(414,870)		100%	1.556	(645,544)									(645,544)
			5,469,202		5,607,083				21,242,441									21,242,441	
INTERCESSION CITY GAS TURBINE UNITS 1 - 6	2000	2014	LABOR	468,081	1.041	487,272	2019	100%	2.035	991,824									991,824
			MATERIAL & EQ	390,825	1.004	392,388		100%	1.238	485,878									485,878
			DISPOSAL	117,545	1.016	119,426		100%	1.512	180,515									180,515
			SALVAGE	(181,886)	1.012	(184,069)		100%	1.252	(230,387)									(230,387)
			794,565		815,018				1,427,831									1,427,831	
INTERCESSION CITY GAS TURBINE UNITS 7 - 10	2000	2033	LABOR	955,051	1.041	994,208	2038	100%	5.394	5,362,758									5,362,758
			MATERIAL & EQ	596,529	1.004	598,915		100%	1.707	1,022,589									1,022,589
			DISPOSAL	241,370	1.016	245,232		100%	3.091	757,990									757,990
			SALVAGE	(161,249)	1.012	(163,184)		100%	1.575	(256,963)									(256,963)
			1,631,701		1,675,171				6,886,374									6,886,374	
PORT ST. JOE GAS TURBINE	2000	1999	LABOR	116,289	1.041	121,057	2005	100%	1.170	141,619									141,619
			MATERIAL & EQ	17,351	1.004	17,420		100%	1.050	18,290									18,290
			DISPOSAL	81,568	1.016	82,873		100%	1.086	89,968									89,968
			SALVAGE	(5,208)	1.012	(5,270)		100%	1.080	(5,694)									(5,694)
			210,000		216,080				244,184									244,184	
RIO PINAR GAS TURBINE	2000	2005	LABOR	295,255	1.041	307,360	2010	100%	1.425	437,889									437,889
			MATERIAL & EQ	155,552	1.004	156,174		100%	1.107	172,844									172,844
			DISPOSAL	123,917	1.016	125,900		100%	1.208	152,092									152,092
			SALVAGE	(52,724)	1.012	(53,357)		100%	1.139	(60,761)									(60,761)
			522,000		536,078				702,064									702,064	
UNIVERSITY OF FLORIDA GAS TURBINE	2000	2012	LABOR	1,035,287	1.041	1,077,734	2017	100%	1.860	2,004,987									2,004,987
			MATERIAL & EQ	279,459	1.004	280,577		100%	1.203	337,566									337,566
			DISPOSAL	28,538	1.016	28,995		100%	1.422	41,230									41,230
			SALVAGE	(245,284)	1.012	(248,227)		100%	1.226	(304,267)									(304,267)
			1,098,000		1,139,078				2,079,517									2,079,517	
INTERCESSION CITY GAS TURBINE UNITS 12-14	2000	2040	LABOR	2,092,214	1.041	2,177,995	2045	100%	7.743	16,864,223									16,864,223
			MATERIAL & EQ	1,332,305	1.004	1,337,634		100%	1.921	2,569,922									2,569,922
			DISPOSAL	539,050	1.016	547,675		100%	4.040	2,212,679									2,212,679
			SALVAGE	(318,514)	1.012	(322,336)		100%	1.712	(551,781)									(551,781)
			3,645,055		3,740,968				21,095,043									21,095,043	
HINES ENERGY COMBINED CYCLE UNIT 2	2000	2028	LABOR	2,016,328	1.041	2,098,997	2033	100%	4.166	8,745,426									8,745,426
			MATERIAL & EQ	1,236,214	1.004	1,241,159		100%	1.569	1,947,863									1,947,863
			DISPOSAL	134,030	1.016	136,174		100%	2.553	347,620									347,620
			SALVAGE	(739,605)	1.012	(748,480)		100%	1.484	(1,110,380)									(1,110,380)
			2,646,967		2,727,851				9,930,529									9,930,529	
				151,122,000		155,916,291					275,634,940					121,133,591	0	396,768,531	

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

Plant.....		ALL		
Year of Last Study.....		NA		
Capital Recovery Year.....		NA		
Cost @ 2001 \$'s.....		155,916,291		
Future \$ 1st Year Expense.....		275,634,940		
Future \$ 2nd & 3rd Year Exp.....		121,133,591		
Amount To Accrue.....		269,073,751		
PV of Amount to Accrue.....		NA		
Capital Recovery Years.....		NA		
Compounded Inflation.....		NA		
Ending Balance of Reserve.....		0		
Acc Reserve 12/31/00.....		127,694,780		
1	2001	7,171,098	7,702,804	2001
2	2002	7,513,772		2002
3	2003	7,873,911		2003
4	2004	8,252,434		2004
5	2005	8,650,309	9,299,402	2005
6	2006	9,068,553		2006
7	2007	9,508,242		2007
8	2008	9,970,505		2008
9	2009	9,092,936	9,690,863	2009
0	2010	9,535,373		2010
1	2011	9,827,186		2011
2	2012	10,307,959		2012
3	2013	10,633,408	9,121,804	2013
4	2014	11,155,278		2014
5	2015	7,174,415		2015
6	2016	7,524,115		2016
7	2017	7,830,014	8,424,178	2017
8	2018	8,213,052		2018
9	2019	8,615,448		2019
0	2020	9,038,199		2020
1	2021	9,482,352	9,291,790	2021
2	2022	9,949,010		2022
3	2023	10,439,333		2023
4	2024	7,296,463		2024
5	2025	7,659,715	8,001,941	2025
6	2026	7,723,724		2026
7	2027	8,109,437		2027
8	2028	8,514,889		2028
9	2029	8,281,171	3,703,982	2029
0	2030	2,078,584		2030
1	2031	2,176,632		2031
2	2032	2,279,541		2032
3	2033	1,199,571	972,457	2033
4	2034	854,771		2034
5	2035	896,059		2035
6	2036	939,428		2036
7	2037	984,984	1,059,216	2037
8	2038	1,032,840		2038
9	2039	1,083,113		2039
0	2040	1,135,928		2040
1	2041	0	0	2041
2	2042	0		2042
3	2043	0		2043
4	2044	0		2044
5	2045	0	0	2045
6	Less Dismantlement Exp.....	396,768,531		

FLORIDA POWER CORPORATION

1,991,908

Computation of Annual Accrual

Plant.....	CR SO-1&2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2014				
Cost @ 2001 \$'s.....	31,069,716	23,688,165	4,185,030	6,214,367	(3,017,847)
Future \$ 1st Year Expense.....	29,507,233	24,108,181	2,591,073	4,696,598	(1,888,620)
Future \$ 2nd & 3rd Year Exp.....	29,842,281	25,737,891	1,631,479	3,670,206	(1,197,295)
Amount To Accrue.....	35,929,292	30,176,053	2,556,269	5,065,136	(1,868,166)
PV of Amount to Accrue.....	18,809,133	14,340,455	2,533,554	3,762,083	(1,826,958)
Capital Recovery Years.....	14.00				
Compounded Inflation.....		5.46%	0.06%	2.15%	0.16%
Ending Balance of Reserve.....	0	0	(0)	(0)	0
Acc Reserve 12/31/00.....	23,420,222	19,670,019	1,666,283	3,301,669	(1,217,749)
1 2001	1,855,191	1,491,438	181,835	313,981	(132,063)
2 2002	1,943,237	1,572,837	181,951	320,722	(132,274)
3 2003	2,035,870	1,658,679	182,067	327,609	(132,484)
4 2004	2,133,335	1,749,205	182,183	334,643	(132,696)
5 2005	2,235,892	1,844,673	182,299	341,828	(132,907)
6 2006	2,343,814	1,945,351	182,415	349,167	(133,119)
7 2007	2,457,387	2,051,523	182,532	356,664	(133,331)
8 2008	2,576,916	2,163,490	182,648	364,322	(133,544)
9 2009	2,702,720	2,281,568	182,765	372,144	(133,757)
0 2010	2,835,136	2,406,091	182,881	380,134	(133,970)
1 2011	2,974,519	2,537,410	182,998	388,296	(134,184)
2 2012	3,121,245	2,675,895	183,115	396,633	(134,398)
3 2013	3,275,707	2,821,939	183,231	405,149	(134,612)
4 2014	3,438,323	2,975,954	183,348	413,847	(134,827)
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	59,349,514	49,846,072	4,222,552	8,366,805	(3,085,915)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

297,942

Plant.....	CR SO COOL	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2014				
Cost @ 2001 \$'s.....	2,705,412	2,657,805	105,467	0	(57,860)
Future \$ 1st Year Expense.....	5,468,038	5,409,862	130,596	0	(72,420)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	5,468,038	5,409,862	130,596	0	(72,420)
PV of Amount to Accrue.....	2,705,412	2,657,805	105,467	0	(57,860)
Capital Recovery Years.....	14.00				
Compounded Inflation.....		5.21%	1.54%	0.00%	1.62%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	0	0	0	0	0
1 2001	275,859	272,079	8,431	0	(4,651)
2 2002	290,082	286,248	8,561	0	(4,726)
3 2003	305,044	301,154	8,693	0	(4,803)
4 2004	320,783	316,838	8,826	0	(4,880)
5 2005	337,340	333,337	8,962	0	(4,959)
6 2006	354,757	350,696	9,100	0	(5,039)
7 2007	373,078	368,959	9,240	0	(5,121)
8 2008	392,352	388,174	9,382	0	(5,204)
9 2009	412,627	408,388	9,526	0	(5,288)
0 2010	433,956	429,656	9,673	0	(5,373)
1 2011	456,392	452,031	9,822	0	(5,460)
2 2012	479,996	475,571	9,973	0	(5,548)
3 2013	504,825	500,337	10,126	0	(5,638)
4 2014	530,946	526,393	10,282	0	(5,729)
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	5,468,038	5,409,862	130,596	0	(72,420)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

102,744

Plant.....	CR SO FISH	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2014				
Cost @ 2001 \$'s.....	935,868	907,859	28,009	0	0
Future \$ 1st Year Expense.....	1,882,595	1,847,913	34,682	0	0
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	1,882,595	1,847,913	34,682	0	0
PV of Amount to Accrue.....	935,868	907,859	28,009	0	0
Capital Recovery Years.....	14.00				
Compounded Inflation.....		5.21%	1.54%	0.00%	0.00%
Ending Balance of Reserve.....	(0)	(0)	0	0	0
Acc Reserve 12/31/00.....	0	0	0	0	0
1 2001	95,176	92,937	2,239	0	0
2 2002	100,051	97,777	2,273	0	0
3 2003	105,177	102,869	2,308	0	0
4 2004	110,570	108,226	2,344	0	0
5 2005	116,242	113,862	2,380	0	0
6 2006	122,208	119,792	2,417	0	0
7 2007	128,484	126,030	2,454	0	0
8 2008	135,085	132,593	2,492	0	0
9 2009	142,028	139,498	2,530	0	0
0 2010	149,332	146,763	2,569	0	0
1 2011	157,014	154,406	2,608	0	0
2 2012	165,095	162,447	2,648	0	0
3 2013	173,595	170,906	2,689	0	0
4 2014	182,537	179,807	2,731	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	1,882,595	1,847,913	34,682	0	0

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

1,209,656

Plant.....	CR NO 4&5	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2029				
Cost @ 2001 \$'s.....	24,686,377	19,054,542	5,126,095	5,009,878	(4,504,138)
Future \$ 1st Year Expense.....	49,152,623	41,799,004	4,090,804	6,643,878	(3,381,064)
Future \$ 2nd & 3rd Year Exp.....	51,656,052	44,014,352	4,160,348	6,902,990	(3,421,637)
Amount To Accrue.....	70,106,566	59,678,194	5,738,196	9,421,058	(4,730,883)
PV of Amount to Accrue.....	17,167,938	13,251,325	3,564,900	3,484,078	(3,132,366)
Capital Recovery Years.....	29.00				
Compounded Inflation.....		5.33%	1.65%	3.49%	1.43%
Ending Balance of Reserve.....	(0)	(0)	(0)	0	(0)
Acc Reserve 12/31/00.....	30,702,109	26,135,162	2,512,956	4,125,810	(2,071,819)
1 2001	1,123,199	907,242	155,772	192,932	(132,748)
2 2002	1,178,930	955,564	158,350	199,665	(134,649)
3 2003	1,237,485	1,006,459	160,971	206,633	(136,577)
4 2004	1,299,011	1,060,065	163,635	213,843	(138,533)
5 2005	1,363,659	1,116,526	166,343	221,306	(140,517)
6 2006	1,431,591	1,175,995	169,096	229,029	(142,529)
7 2007	1,502,976	1,238,631	171,894	237,021	(144,570)
8 2008	1,577,994	1,304,603	174,739	245,292	(146,640)
9 2009	1,656,832	1,374,088	177,631	253,852	(148,740)
0 2010	1,739,687	1,447,275	180,571	262,711	(150,870)
1 2011	1,826,767	1,524,360	183,559	271,878	(153,030)
2 2012	1,918,292	1,605,550	186,597	281,366	(155,221)
3 2013	2,014,491	1,691,065	189,685	291,185	(157,444)
4 2014	2,115,606	1,781,135	192,824	301,346	(159,699)
5 2015	2,221,894	1,876,002	196,015	311,862	(161,985)
6 2016	2,333,621	1,975,921	199,259	322,745	(164,305)
7 2017	2,451,070	2,081,163	202,557	334,008	(166,658)
8 2018	2,574,538	2,192,010	205,909	345,663	(169,044)
9 2019	2,704,339	2,308,761	209,317	357,726	(171,465)
0 2020	2,840,800	2,431,730	212,781	370,209	(173,920)
1 2021	2,984,269	2,561,249	216,302	383,128	(176,411)
2 2022	3,135,110	2,697,666	219,882	396,498	(178,937)
3 2023	3,293,706	2,841,349	223,521	410,335	(181,499)
4 2024	3,460,461	2,992,685	227,220	424,654	(184,098)
5 2025	3,635,801	3,152,082	230,981	439,473	(186,734)
6 2026	3,820,172	3,319,968	234,803	454,809	(189,408)
7 2027	4,014,045	3,496,796	238,689	470,680	(192,120)
8 2028	4,217,916	3,683,043	242,639	487,105	(194,872)
9 2029	4,432,306	3,879,209	246,655	504,104	(197,662)
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	100,808,675	85,813,356	8,251,152	13,546,868	(6,802,702)

FLORIDA POWER CORPORATION

495,968

Computation of Annual Accrual

Plant.....	CR COMMON	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2029				
Cost @ 2001 \$'s.....	6,950,744	6,480,022	641,944	0	(171,221)
Future \$ 1st Year Expense.....	29,197,336	28,429,806	1,024,587	0	(257,057)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	29,197,336	28,429,806	1,024,587	0	(257,057)
PV of Amount to Accrue.....	6,950,744	6,480,022	641,944	0	(171,221)
Capital Recovery Years.....	29.00				
Compounded Inflation.....		5.23%	1.63%	0.00%	1.41%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	0	0	0	0	0
2001	459,764	439,062	27,937	0	(7,235)
2002	483,084	462,030	28,391	0	(7,337)
2003	507,612	486,200	28,853	0	(7,441)
2004	533,410	511,635	29,322	0	(7,546)
2005	560,545	538,400	29,798	0	(7,652)
2006	589,087	566,565	30,282	0	(7,760)
2007	619,108	596,203	30,775	0	(7,870)
2008	650,686	627,392	31,275	0	(7,981)
2009	683,902	660,212	31,783	0	(8,094)
2010	718,842	694,750	32,300	0	(8,208)
2011	755,595	731,094	32,825	0	(8,324)
2012	794,256	769,339	33,358	0	(8,441)
2013	834,926	809,585	33,900	0	(8,560)
2014	877,707	851,937	34,451	0	(8,681)
2015	922,712	896,504	35,011	0	(8,803)
2016	970,055	943,402	35,580	0	(8,928)
2017	1,019,859	992,754	36,159	0	(9,054)
2018	1,072,252	1,044,687	36,746	0	(9,181)
2019	1,127,370	1,099,338	37,343	0	(9,311)
2020	1,185,355	1,156,847	37,950	0	(9,442)
2021	1,246,356	1,217,364	38,567	0	(9,576)
2022	1,310,531	1,281,048	39,194	0	(9,711)
2023	1,378,046	1,348,063	39,831	0	(9,848)
2024	1,449,075	1,418,583	40,478	0	(9,987)
2025	1,523,801	1,492,793	41,136	0	(10,128)
2026	1,602,419	1,570,884	41,805	0	(10,270)
2027	1,685,130	1,653,061	42,484	0	(10,415)
2028	1,772,150	1,739,537	43,175	0	(10,562)
2029	1,863,702	1,830,537	43,877	0	(10,711)
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	29,197,336	28,429,806	1,024,587	0	(257,057)

FLORIDA POWER CORPORATION

725,907

Computation of Annual Accrual

Plant.....	ANCLOTE ST	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2023				
Cost @ 2001 \$'s.....	13,184,030	10,543,965	2,282,177	2,986,193	(2,628,306)
Future \$ 1st Year Expense.....	19,924,110	16,966,848	1,646,060	3,147,887	(1,836,685)
Future \$ 2nd & 3rd Year Exp.....	20,952,063	17,866,091	1,674,043	3,270,654	(1,858,725)
Amount To Accrue.....	28,099,153	23,944,905	2,282,310	4,412,242	(2,540,303)
PV of Amount to Accrue.....	9,062,983	7,248,147	1,568,817	2,052,773	(1,806,753)
Capital Recovery Years.....	23.00				
Compounded Inflation.....		5.33%	1.64%	3.38%	1.49%
Ending Balance of Reserve.....	(0)	(0)	(0)	0	0
Acc Reserve 12/31/00.....	12,777,020	10,888,034	1,037,794	2,006,299	(1,155,106)
2001	673,282	554,348	82,461	129,859	(93,387)
2002	707,199	583,912	83,816	134,252	(94,781)
2003	742,844	615,052	85,194	138,794	(96,196)
2004	780,304	647,853	86,593	143,489	(97,631)
2005	819,674	682,403	88,016	148,343	(99,088)
2006	861,053	718,796	89,463	153,361	(100,567)
2007	904,543	757,130	90,933	158,549	(102,068)
2008	950,256	797,508	92,427	163,913	(103,592)
2009	998,305	840,039	93,946	169,458	(105,138)
2010	1,048,811	884,839	95,489	175,190	(106,707)
2011	1,101,903	932,028	97,058	181,117	(108,300)
2012	1,157,714	981,733	98,653	187,244	(109,916)
2013	1,216,385	1,034,089	100,274	193,578	(111,557)
2014	1,278,064	1,089,238	101,922	200,127	(113,222)
2015	1,342,909	1,147,327	103,597	206,897	(114,912)
2016	1,411,082	1,208,515	105,299	213,896	(116,627)
2017	1,482,758	1,272,965	107,030	221,131	(118,368)
2018	1,558,119	1,340,853	108,788	228,612	(120,135)
2019	1,637,355	1,412,361	110,576	236,346	(121,928)
2020	1,720,669	1,487,683	112,393	244,341	(123,747)
2021	1,808,274	1,567,022	114,240	252,607	(125,594)
2022	1,900,392	1,650,592	116,117	261,152	(127,469)
2023	1,997,258	1,738,618	118,025	269,987	(129,372)
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	40,876,173	34,832,938	3,320,104	6,418,541	(3,695,409)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

997,713

Plant.....	BARTOW ST	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2008				
Cost @ 2001 \$'s.....	20,259,586	10,549,646	2,409,863	8,835,293	(1,535,216)
Future \$ 1st Year Expense.....	14,557,369	8,388,390	1,376,677	5,691,140	(898,837)
Future \$ 2nd & 3rd Year Exp.....	14,998,679	8,698,760	1,393,197	5,816,345	(909,623)
Amount To Accrue.....	8,827,383	5,103,349	827,267	3,436,893	(540,125)
PV of Amount to Accrue.....	6,050,847	3,150,819	719,744	2,638,801	(458,517)
Capital Recovery Years.....	8.00				
Compounded Inflation.....		6.21%	1.76%	3.36%	2.07%
Ending Balance of Reserve.....	(0)	0	0	(0)	(0)
Acc Reserve 12/31/00.....	20,728,665	11,983,801	1,942,607	8,070,592	(1,268,335)
1 2001	927,745	511,687	97,220	381,615	(62,777)
2 2002	972,761	543,480	98,927	394,431	(64,076)
3 2003	1,020,187	577,248	100,664	407,676	(65,402)
4 2004	1,070,158	613,114	102,431	421,367	(66,754)
5 2005	1,122,820	651,209	104,229	435,517	(68,135)
6 2006	1,178,328	691,671	106,059	450,143	(69,545)
7 2007	1,236,844	734,646	107,921	465,260	(70,984)
8 2008	1,298,540	780,292	109,816	480,884	(72,452)
9 2009	0	0	0	0	0
0 2010	0	0	0	0	0
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	29,556,048	17,087,150	2,769,874	11,507,485	(1,808,460)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	BARTOW GAS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2008				
Cost @ 2001 \$'s.....	1,424,893	852,539	169,228	620,131	(217,005)
Future \$ 1st Year Expense.....	2,093,911	1,355,767	193,349	798,898	(254,104)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	0	0	0	0	(0)
PV of Amount to Accrue.....	0	0	0	0	(0)
Capital Recovery Years.....	8.00				
Compounded Inflation.....		5.97%	1.68%	3.22%	1.99%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	2,093,911	1,355,767	193,349	798,898	(254,104)
2001	0	0	0	0	(0)
2002	0	0	0	0	(0)
2003	0	0	0	0	(0)
2004	0	0	0	0	(0)
2005	0	0	0	0	(0)
2006	0	0	0	0	(0)
2007	0	0	0	0	(0)
2008	0	0	0	0	(0)
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	2,093,911	1,355,767	193,349	798,898	(254,104)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

468,832

Plant.....	PIPELINE	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2023				
Cost @ 2001 \$'s.....	7,285,581	3,272,377	1,798,411	2,640,022	(425,229)
Future \$ 1st Year Expense.....	18,097,414	10,531,508	2,594,271	5,565,944	(594,308)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	16,460,071	9,578,682	2,359,557	5,062,371	(540,539)
PV of Amount to Accrue.....	6,626,426	2,976,313	1,635,702	2,401,169	(386,757)
Capital Recovery Years.....	23.00				
Compounded Inflation.....		5.21%	1.61%	3.30%	1.47%
Ending Balance of Reserve.....	(0)	0	(0)	0	(0)
Acc Reserve 12/31/00.....	1,637,343	952,826	234,714	503,572	(53,769)
2001	441,358	225,112	85,620	150,557	(19,932)
2002	459,139	236,848	86,995	155,519	(20,224)
2003	477,713	249,196	88,392	160,645	(20,520)
2004	497,118	262,187	89,812	165,941	(20,821)
2005	517,393	275,856	91,254	171,410	(21,127)
2006	538,580	290,237	92,719	177,060	(21,436)
2007	560,722	305,368	94,208	182,896	(21,751)
2008	583,864	321,288	95,721	188,925	(22,069)
2009	608,054	338,038	97,258	195,152	(22,393)
2010	633,343	355,661	98,820	201,584	(22,721)
2011	659,783	374,203	100,407	208,229	(23,054)
2012	687,429	393,711	102,019	215,092	(23,393)
2013	716,340	414,236	103,657	222,182	(23,735)
2014	746,575	435,832	105,322	229,505	(24,083)
2015	778,199	458,553	107,013	237,070	(24,437)
2016	811,279	482,459	108,731	244,884	(24,795)
2017	845,886	507,611	110,477	252,955	(25,158)
2018	882,092	534,075	112,251	261,293	(25,527)
2019	919,976	561,918	114,054	269,906	(25,902)
2020	959,619	591,212	115,885	278,802	(26,281)
2021	1,001,106	622,034	117,746	287,992	(26,667)
2022	1,044,527	654,463	119,637	297,484	(27,058)
2023	1,089,976	688,582	121,558	307,290	(27,454)
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	18,097,414	10,531,508	2,594,271	5,565,944	(594,308)

FLORIDA POWER CORPORATION

148,766

Computation of Annual Accrual

Plant.....	HINES UNIT 1	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2023				
Cost @ 2001 \$'s.....	1,895,464	1,611,580	860,393	94,349	(670,858)
Future \$ 1st Year Expense.....	5,689,016	5,186,557	1,241,147	198,915	(937,603)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	5,689,016	5,186,557	1,241,147	198,915	(937,603)
PV of Amount to Accrue.....	1,895,464	1,611,580	860,393	94,349	(670,858)
Capital Recovery Years.....	23.00				
Compounded Inflation.....		5.21%	1.61%	3.30%	1.47%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	0	0	0	0	0
2001	138,271	121,891	45,037	5,916	(34,573)
2002	145,037	128,246	45,760	6,111	(35,080)
2003	152,145	134,932	46,495	6,312	(35,594)
2004	159,612	141,966	47,242	6,520	(36,116)
2005	167,457	149,367	48,000	6,735	(36,645)
2006	175,700	157,154	48,771	6,957	(37,183)
2007	184,360	165,347	49,554	7,187	(37,728)
2008	193,460	173,967	50,350	7,423	(38,281)
2009	203,021	183,037	51,158	7,668	(38,842)
2010	213,068	192,579	51,980	7,921	(39,412)
2011	223,626	202,619	52,815	8,182	(39,990)
2012	234,721	213,182	53,663	8,452	(40,576)
2013	246,380	224,296	54,525	8,730	(41,171)
2014	258,633	235,989	55,400	9,018	(41,775)
2015	271,510	248,292	56,290	9,315	(42,387)
2016	285,044	261,237	57,194	9,622	(43,008)
2017	299,268	274,856	58,112	9,939	(43,639)
2018	314,218	289,185	59,045	10,267	(44,279)
2019	329,932	304,261	59,993	10,605	(44,928)
2020	346,448	320,123	60,957	10,955	(45,587)
2021	363,809	336,812	61,936	11,316	(46,255)
2022	382,057	354,371	62,930	11,689	(46,933)
2023	401,239	372,846	63,941	12,074	(47,621)
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	5,689,016	5,186,557	1,241,147	198,915	(937,603)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

0

Plant.....	AVON PK GAS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2006				
Cost @ 2001 \$'s.....	508,310	278,656	330,750	29,895	(130,990)
Future \$ 1st Year Expense.....	668,409	412,080	370,081	36,909	(150,660)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	0	0	0	0	(0)
PV of Amount to Accrue.....	0	0	0	0	(0)
Capital Recovery Years.....	6.00				
Compounded Inflation.....		6.74%	1.89%	3.58%	2.36%
Ending Balance of Reserve.....	0	0	0	0	0
Acc Reserve 12/31/00.....	668,409	412,080	370,081	36,909	(150,660)
1 2001	0	0	0	0	(0)
2 2002	0	0	0	0	(0)
3 2003	0	0	0	0	(0)
4 2004	0	0	0	0	(0)
5 2005	0	0	0	0	(0)
6 2006	0	0	0	0	(0)
7 2007	0	0	0	0	0
8 2008	0	0	0	0	0
9 2009	0	0	0	0	0
0 2010	0	0	0	0	0
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	668,409	412,080	370,081	36,909	(150,660)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	TURNER STEAM	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	1999				
Cost @ 2001 \$'s.....	6,910,395	5,044,348	1,651,544	1,114,704	(900,201)
Future \$ 1st Year Expense.....	3,565,133	2,620,539	834,855	567,942	(458,202)
Future \$ 2nd & 3rd Year Exp.....	3,684,516	2,725,360	846,543	580,437	(467,825)
Amount To Accrue.....	0	0	0	0	0
PV of Amount to Accrue.....	0	0	0	0	0
Capital Recovery Years.....	0.00				
Compounded Inflation.....		0.00%	0.00%	0.00%	0.00%
Ending Balance of Reserve.....	(0)	(0)	(0)	(0)	(0)
Acc Reserve 12/31/00.....	7,249,649	5,345,899	1,681,399	1,148,379	(926,027)
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	0	0	0	0	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	7,249,649	5,345,899	1,681,399	1,148,379	(926,027)

FLORIDA POWER CORPORATION

106,045

Computation of Annual Accrual

Plant.....	TIGER BAY	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2025				
Cost @ 2001 \$'s.....	1,575,839	1,188,995	855,548	40,921	(509,625)
Future \$ 1st Year Expense.....	4,883,063	4,242,911	1,276,475	93,135	(729,458)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	4,554,130	3,957,100	1,190,489	86,861	(680,320)
PV of Amount to Accrue.....	1,469,687	1,108,902	797,916	38,165	(475,296)
Capital Recovery Years.....	25.00				
Compounded Inflation.....		5.22%	1.61%	3.34%	1.44%
Ending Balance of Reserve.....	(0)	0	0	0	(0)
Acc Reserve 12/31/00.....	328,933	285,811	85,986	6,274	(49,138)
2001	98,953	80,425	39,038	2,277	(22,787)
2002	103,528	84,624	39,668	2,353	(23,117)
2003	108,330	89,041	40,308	2,431	(23,451)
2004	113,371	93,689	40,958	2,513	(23,789)
2005	118,663	98,580	41,619	2,597	(24,133)
2006	124,219	103,726	42,290	2,684	(24,482)
2007	130,052	109,141	42,973	2,773	(24,835)
2008	136,176	114,838	43,666	2,866	(25,194)
2009	142,607	120,833	44,370	2,962	(25,558)
2010	149,361	127,141	45,086	3,061	(25,928)
2011	156,453	133,778	45,814	3,163	(26,302)
2012	163,902	140,762	46,553	3,269	(26,682)
2013	171,725	148,110	47,304	3,379	(27,068)
2014	179,941	155,842	48,067	3,492	(27,459)
2015	188,572	163,977	48,843	3,608	(27,856)
2016	197,638	172,537	49,631	3,729	(28,258)
2017	207,162	181,544	50,431	3,854	(28,666)
2018	217,168	191,021	51,245	3,983	(29,081)
2019	227,679	200,993	52,072	4,116	(29,501)
2020	238,723	211,485	52,912	4,253	(29,927)
2021	250,327	222,525	53,765	4,396	(30,359)
2022	262,519	234,141	54,633	4,543	(30,798)
2023	275,330	246,364	55,514	4,695	(31,243)
2024	288,792	259,225	56,410	4,852	(31,694)
2025	302,939	272,757	57,320	5,014	(32,152)
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	4,883,063	4,242,911	1,276,475	93,135	(729,458)

FLORIDA POWER CORPORATION

(0)

Computation of Annual Accrual

Plant.....	TURN GS 1-2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2006				
Cost @ 2001 \$'s.....	141,300	122,999	33,669	22,647	(38,015)
Future \$ 1st Year Expense.....	203,803	181,893	37,673	27,960	(43,723)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	6.00				
Compounded Inflation.....		6.74%	1.89%	3.58%	2.36%
Ending Balance of Reserve.....	(0)	0	(0)	0	(0)
Acc Reserve 12/31/00.....	203,803	181,893	37,673	27,960	(43,723)
1 2001	(0)	(0)	(0)	(0)	0
2 2002	(0)	(0)	(0)	(0)	0
3 2003	(0)	(0)	(0)	(0)	0
4 2004	(0)	(0)	(0)	(0)	0
5 2005	(0)	(0)	(0)	(0)	0
6 2006	(0)	(0)	(0)	(0)	0
7 2007	0	0	0	0	0
8 2008	0	0	0	0	0
9 2009	0	0	0	0	0
0 2010	0	0	0	0	0
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	203,803	181,893	37,673	27,960	(43,723)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

59,025

Plant.....	TURN GS 3-4	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2014				
Cost @ 2001 \$'s.....	849,878	673,617	202,824	136,867	(163,430)
Future \$ 1st Year Expense.....	1,624,594	1,371,121	251,148	206,879	(204,554)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	1,061,531	895,908	164,104	135,177	(133,659)
PV of Amount to Accrue.....	555,321	440,150	132,528	89,431	(106,787)
Capital Recovery Years.....	14.00				
Compounded Inflation.....		5.21%	1.54%	2.99%	1.62%
Ending Balance of Reserve.....	(0)	0	0	(0)	(0)
Acc Reserve 12/31/00.....	563,063	475,213	87,045	71,702	(70,896)
2001	54,982	45,058	10,594	7,914	(8,584)
2002	57,590	47,404	10,757	8,151	(8,723)
2003	60,327	49,873	10,923	8,395	(8,864)
2004	63,201	52,470	11,091	8,647	(9,007)
2005	66,217	55,203	11,261	8,906	(9,153)
2006	69,384	58,078	11,435	9,172	(9,301)
2007	72,709	61,102	11,611	9,447	(9,451)
2008	76,200	64,284	11,789	9,730	(9,604)
2009	79,865	67,632	11,971	10,021	(9,759)
2010	83,713	71,154	12,155	10,322	(9,917)
2011	87,755	74,859	12,342	10,631	(10,077)
2012	91,998	78,758	12,531	10,949	(10,240)
2013	96,455	82,859	12,724	11,277	(10,405)
2014	101,135	87,174	12,920	11,615	(10,574)
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	1,624,594	1,371,121	251,148	206,879	(204,554)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	HIGGINS STEAM	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	1999				
Cost @ 2001 \$'s.....	4,803,349	2,346,305	1,109,148	2,164,561	(816,664)
Future \$ 1st Year Expense.....	5,376,977	2,744,842	1,164,500	2,349,883	(882,249)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	0.00				
Compounded Inflation.....		0.00%	0.00%	0.00%	0.00%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	5,376,977	2,744,842	1,164,500	2,349,883	(882,249)
1 2001	0	0	0	0	0
2 2002	0	0	0	0	0
3 2003	0	0	0	0	0
4 2004	0	0	0	0	0
5 2005	0	0	0	0	0
6 2006	0	0	0	0	0
7 2007	0	0	0	0	0
8 2008	0	0	0	0	0
9 2009	0	0	0	0	0
0 2010	0	0	0	0	0
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	5,376,977	2,744,842	1,164,500	2,349,883	(882,249)

FLORIDA POWER CORPORATION

12,077

Computation of Annual Accrual

Plant.....	INTER P11	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2033				
Cost @ 2001 \$'s.....	187,313	139,160	66,546	27,264	(45,657)
Future \$ 1st Year Expense.....	876,625	750,628	113,621	84,272	(71,896)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	876,625	750,628	113,621	84,272	(71,896)
PV of Amount to Accrue.....	187,313	139,160	66,546	27,264	(45,657)
Capital Recovery Years.....	33.00				
Compounded Inflation.....		5.24%	1.63%	3.48%	1.39%
Ending Balance of Reserve.....	0	0	(0)	0	0
Acc Reserve 12/31/00.....	0	0	0	0	0
2001	11,245	8,951	2,625	1,402	(1,733)
2002	11,781	9,420	2,668	1,451	(1,757)
2003	12,345	9,913	2,712	1,501	(1,782)
2004	12,936	10,433	2,756	1,554	(1,806)
2005	13,557	10,979	2,801	1,608	(1,831)
2006	14,208	11,555	2,847	1,664	(1,857)
2007	14,892	12,160	2,893	1,721	(1,882)
2008	15,610	12,797	2,940	1,781	(1,908)
2009	16,365	13,468	2,989	1,843	(1,935)
2010	17,156	14,173	3,037	1,907	(1,962)
2011	17,988	14,916	3,087	1,974	(1,989)
2012	18,861	15,698	3,137	2,042	(2,016)
2013	19,778	16,520	3,189	2,113	(2,044)
2014	20,741	17,386	3,241	2,187	(2,073)
2015	21,752	18,297	3,294	2,263	(2,101)
2016	22,814	19,255	3,348	2,342	(2,131)
2017	23,930	20,264	3,402	2,423	(2,160)
2018	25,101	21,326	3,458	2,507	(2,190)
2019	26,332	22,443	3,515	2,595	(2,220)
2020	27,625	23,619	3,572	2,685	(2,251)
2021	28,983	24,857	3,630	2,778	(2,282)
2022	30,410	26,159	3,690	2,875	(2,314)
2023	31,909	27,530	3,750	2,975	(2,346)
2024	33,483	28,972	3,811	3,079	(2,378)
2025	35,138	30,490	3,874	3,186	(2,411)
2026	36,876	32,088	3,937	3,296	(2,445)
2027	38,703	33,769	4,001	3,411	(2,479)
2028	40,622	35,538	4,067	3,530	(2,513)
2029	42,638	37,400	4,133	3,653	(2,548)
2030	44,757	39,360	4,201	3,780	(2,583)
2031	46,984	41,422	4,269	3,911	(2,619)
2032	49,324	43,593	4,339	4,047	(2,655)
2033	51,783	45,877	4,410	4,188	(2,692)
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	876,625	750,628	113,621	84,272	(71,896)

FLORIDA POWER CORPORATION

(0)

Computation of Annual Accrual

Plant.....	HIGGINS GAS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2005				
Cost @ 2001 \$'s.....	803,363	363,483	185,634	362,287	(108,041)
Future \$ 1st Year Expense.....	1,037,916	517,845	205,448	437,657	(123,035)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	5.00				
Compounded Inflation.....		7.34%	2.05%	3.85%	2.63%
Ending Balance of Reserve.....	(0)	0	(0)	0	(0)
Acc Reserve 12/31/00.....	1,037,916	517,845	205,448	437,657	(123,035)
2001	(0)	(0)	(0)	(0)	0
2002	(0)	(0)	(0)	(0)	0
2003	(0)	(0)	(0)	(0)	0
2004	(0)	(0)	(0)	(0)	0
2005	(0)	(0)	(0)	(0)	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	1,037,916	517,845	205,448	437,657	(123,035)

FLORIDA POWER CORPORATION

(0)

Computation of Annual Accrual

Plant.....	SUW ST	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2003				
Cost @ 2001 \$'s.....	10,482,140	9,081,345	1,241,609	922,105	(762,918)
Future \$ 1st Year Expense.....	13,543,291	11,984,913	1,344,401	1,066,497	(852,520)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	3.00				
Compounded Inflation.....		9.69%	2.69%	4.97%	3.77%
Ending Balance of Reserve.....	0	0	0	0	0
Acc Reserve 12/31/00.....	13,543,291	11,984,914	1,344,401	1,066,497	(852,520)
1 2001	(0)	(0)	(0)	(0)	0
2 2002	(0)	(0)	(0)	(0)	0
3 2003	(0)	(0)	(0)	(0)	0
4 2004	0	0	0	0	0
5 2005	0	0	0	0	0
6 2006	0	0	0	0	0
7 2007	0	0	0	0	0
8 2008	0	0	0	0	0
9 2009	0	0	0	0	0
0 2010	0	0	0	0	0
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	13,543,291	11,984,913	1,344,401	1,066,497	(852,520)

FLORIDA POWER CORPORATION

37,369

Computation of Annual Accrual

Plant.....	SUW GAS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2010				
Cost @ 2001 \$'s.....	462,404	480,958	54,367	40,487	(113,407)
Future \$ 1st Year Expense.....	806,347	824,085	63,678	54,585	(136,001)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	445,827	455,634	35,208	30,180	(75,194)
PV of Amount to Accrue.....	255,662	265,920	30,059	22,385	(62,702)
Capital Recovery Years.....	10.00				
Compounded Inflation.....		5.53%	1.59%	3.03%	1.83%
Ending Balance of Reserve.....	0	0	0	0	0
Acc Reserve 12/31/00.....	360,520	368,451	28,471	24,405	(60,806)
1 2001	34,319	35,334	3,276	2,629	(6,920)
2 2002	36,279	37,289	3,328	2,708	(7,047)
3 2003	38,348	39,352	3,381	2,790	(7,176)
4 2004	40,532	41,529	3,435	2,875	(7,307)
5 2005	42,837	43,827	3,489	2,962	(7,441)
6 2006	45,271	46,252	3,545	3,052	(7,578)
7 2007	47,840	48,811	3,602	3,145	(7,717)
8 2008	50,552	51,511	3,659	3,240	(7,858)
9 2009	53,414	54,361	3,717	3,338	(8,002)
0 2010	56,436	57,368	3,776	3,440	(8,149)
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	806,347	824,085	63,678	54,585	(136,001)

FLORIDA POWER CORPORATION

81,798

Computation of Annual Accrual

Plant.....	BAYB GAS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2010				
Cost @ 2001 \$'s.....	1,453,988	640,601	677,945	347,325	(211,882)
Future \$ 1st Year Expense.....	2,105,856	1,097,622	794,061	468,268	(254,096)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	922,355	480,753	347,795	205,099	(111,293)
PV of Amount to Accrue.....	636,840	280,580	296,937	152,127	(92,803)
Capital Recovery Years.....	10.00				
Compounded Inflation.....		5.53%	1.59%	3.03%	1.83%
Ending Balance of Reserve.....	0	0	0	(0)	0
Acc Reserve 12/31/00.....	1,183,501	616,869	446,266	263,169	(142,803)
1 2001	77,262	37,282	32,358	17,864	(10,242)
2 2002	80,194	39,345	32,873	18,406	(10,429)
3 2003	83,262	41,522	33,397	18,964	(10,621)
4 2004	86,472	43,819	33,929	19,539	(10,815)
5 2005	89,831	46,243	34,470	20,132	(11,014)
6 2006	93,348	48,802	35,019	20,742	(11,216)
7 2007	97,029	51,501	35,577	21,371	(11,421)
8 2008	100,884	54,351	36,144	22,019	(11,631)
9 2009	104,922	57,358	36,720	22,687	(11,844)
0 2010	109,151	60,531	37,305	23,375	(12,061)
1 2011	0	0	0	0	0
2 2012	0	0	0	0	0
3 2013	0	0	0	0	0
4 2014	0	0	0	0	0
5 2015	0	0	0	0	0
6 2016	0	0	0	0	0
7 2017	0	0	0	0	0
8 2018	0	0	0	0	0
9 2019	0	0	0	0	0
0 2020	0	0	0	0	0
1 2021	0	0	0	0	0
2 2022	0	0	0	0	0
3 2023	0	0	0	0	0
4 2024	0	0	0	0	0
5 2025	0	0	0	0	0
6 2026	0	0	0	0	0
7 2027	0	0	0	0	0
8 2028	0	0	0	0	0
9 2029	0	0	0	0	0
0 2030	0	0	0	0	0
1 2031	0	0	0	0	0
2 2032	0	0	0	0	0
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	2,105,856	1,097,622	794,061	468,268	(254,096)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	DEBR GS 1-6	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2016				
Cost @ 2001 \$'s.....	883,014	579,394	265,670	228,353	(190,403)
Future \$ 1st Year Expense.....	1,765,301	1,300,214	340,248	369,389	(244,551)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	687,170	506,128	132,447	143,790	(95,195)
PV of Amount to Accrue.....	343,727	225,538	103,416	88,890	(74,117)
Capital Recovery Years.....	16.00				
Compounded Inflation.....		5.18%	1.56%	3.05%	1.58%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	1,078,131	794,086	207,802	225,599	(149,356)
2001	30,260	21,080	7,353	7,105	(5,277)
2002	31,601	22,173	7,467	7,321	(5,361)
2003	33,005	23,322	7,584	7,545	(5,445)
2004	34,476	24,530	7,702	7,775	(5,531)
2005	36,017	25,801	7,822	8,012	(5,618)
2006	37,632	27,138	7,944	8,257	(5,707)
2007	39,324	28,544	8,068	8,509	(5,797)
2008	41,097	30,023	8,193	8,768	(5,888)
2009	42,955	31,579	8,321	9,036	(5,981)
2010	44,903	33,215	8,451	9,312	(6,075)
2011	46,944	34,936	8,582	9,596	(6,171)
2012	49,083	36,747	8,716	9,889	(6,268)
2013	51,326	38,651	8,852	10,190	(6,367)
2014	53,677	40,653	8,990	10,501	(6,467)
2015	56,143	42,760	9,130	10,822	(6,569)
2016	58,727	44,976	9,272	11,152	(6,673)
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	1,765,301	1,300,214	340,248	369,389	(244,551)

FLORIDA POWER CORPORATION

313,257

Computation of Annual Accrual

Plant.....	DEB GS 7-10	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2032				
Cost @ 2001 \$'s.....	5,607,083	2,872,248	1,693,755	1,455,950	(414,870)
Future \$ 1st Year Expense.....	21,242,441	14,713,110	2,843,581	4,331,295	(645,544)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	19,818,738	13,727,013	2,652,999	4,041,004	(602,278)
PV of Amount to Accrue.....	5,231,287	2,679,745	1,580,237	1,358,370	(387,065)
Capital Recovery Years.....	32.00				
Compounded Inflation.....		5.24%	1.63%	3.47%	1.39%
Ending Balance of Reserve.....	(0)	(0)	0	0	0
Acc Reserve 12/31/00.....	1,423,703	986,097	190,581	290,290	(43,265)
1 2001	294,036	174,403	63,790	70,913	(15,070)
2 2002	306,460	183,538	64,831	73,370	(15,280)
3 2003	319,462	193,151	65,890	75,913	(15,492)
4 2004	333,069	203,268	66,965	78,544	(15,708)
5 2005	347,312	213,915	68,058	81,266	(15,926)
6 2006	362,222	225,119	69,169	84,082	(16,148)
7 2007	377,832	236,910	70,298	86,996	(16,373)
8 2008	394,175	249,318	71,446	90,011	(16,600)
9 2009	411,288	262,377	72,612	93,131	(16,831)
0 2010	429,209	276,119	73,797	96,358	(17,065)
1 2011	447,978	290,582	75,002	99,697	(17,303)
2 2012	467,636	305,801	76,226	103,153	(17,544)
3 2013	488,228	321,818	77,470	106,727	(17,788)
4 2014	509,800	338,674	78,735	110,426	(18,035)
5 2015	532,400	356,413	80,020	114,253	(18,286)
6 2016	556,079	375,081	81,326	118,213	(18,540)
7 2017	580,891	394,726	82,653	122,309	(18,798)
8 2018	606,892	415,401	84,003	126,548	(19,060)
9 2019	634,141	437,158	85,374	130,934	(19,325)
0 2020	662,700	460,055	86,767	135,471	(19,594)
1 2021	692,635	484,152	88,184	140,166	(19,866)
2 2022	724,014	509,510	89,623	145,024	(20,143)
3 2023	756,909	536,197	91,086	150,050	(20,423)
4 2024	791,397	564,281	92,573	155,250	(20,707)
5 2025	827,555	593,836	94,084	160,630	(20,995)
6 2026	865,469	624,940	95,619	166,197	(21,287)
7 2027	905,226	657,672	97,180	171,957	(21,584)
8 2028	946,918	692,119	98,767	177,916	(21,884)
9 2029	990,643	728,370	100,379	184,082	(22,188)
0 2030	1,036,502	766,520	102,017	190,462	(22,497)
1 2031	1,084,603	806,668	103,682	197,062	(22,810)
2 2032	1,135,058	848,919	105,375	203,892	(23,127)
3 2033	0	0	0	0	0
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	21,242,441	14,713,110	2,843,581	4,331,295	(645,544)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

37,743

Plant.....	INT GS 1-6	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2014				
Cost @ 2001 \$'s.....	815,018	487,272	392,388	119,426	(184,069)
Future \$ 1st Year Expense.....	1,427,831	991,824	485,878	180,515	(230,387)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	657,946	457,034	223,893	83,182	(106,162)
PV of Amount to Accrue.....	375,561	224,536	180,813	55,031	(84,819)
Capital Recovery Years.....	14.00				
Compounded Inflation.....		5.21%	1.54%	2.99%	1.62%
Ending Balance of Reserve.....	(0)	(0)	0	0	(0)
Acc Reserve 12/31/00.....	769,885	534,791	261,985	97,334	(124,224)
2001	35,492	22,986	14,454	4,870	(6,818)
2002	36,947	24,183	14,677	5,016	(6,929)
2003	38,470	25,442	14,902	5,166	(7,041)
2004	40,065	26,767	15,132	5,321	(7,154)
2005	41,736	28,161	15,364	5,480	(7,270)
2006	43,485	29,627	15,601	5,644	(7,387)
2007	45,318	31,170	15,841	5,813	(7,507)
2008	47,237	32,794	16,084	5,987	(7,628)
2009	49,248	34,501	16,332	6,167	(7,751)
2010	51,356	36,298	16,583	6,351	(7,877)
2011	53,564	38,188	16,838	6,542	(8,004)
2012	55,878	40,177	17,097	6,738	(8,133)
2013	58,304	42,269	17,360	6,939	(8,265)
2014	60,846	44,471	17,627	7,147	(8,398)
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	1,427,831	991,824	485,878	180,515	(230,387)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	INT GS 7-10	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2033				
Cost @ 2001 \$'s.....	1,675,171	994,208	598,915	245,232	(163,184)
Future \$ 1st Year Expense.....	6,886,374	5,362,758	1,022,589	757,990	(256,963)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	5,786,463	4,506,203	859,258	636,922	(215,921)
PV of Amount to Accrue.....	1,407,608	835,410	503,255	206,063	(137,120)
Capital Recovery Years.....	33.00				
Compounded Inflation.....		5.24%	1.63%	3.48%	1.39%
Ending Balance of Reserve.....	0	0	0	(0)	(0)
Acc Reserve 12/31/00.....	1,099,911	856,555	163,331	121,068	(41,043)
1 2001	78,977	53,734	19,852	10,597	(5,205)
2 2002	82,413	56,549	20,176	10,965	(5,277)
3 2003	86,014	59,512	20,506	11,347	(5,351)
4 2004	89,788	62,630	20,841	11,742	(5,425)
5 2005	93,744	65,912	21,182	12,150	(5,500)
6 2006	97,890	69,365	21,528	12,573	(5,576)
7 2007	102,236	73,000	21,880	13,010	(5,653)
8 2008	106,793	76,825	22,237	13,463	(5,732)
9 2009	111,571	80,850	22,601	13,931	(5,811)
0 2010	116,580	85,086	22,970	14,416	(5,892)
1 2011	121,834	89,544	23,346	14,917	(5,973)
2 2012	127,343	94,236	23,727	15,436	(6,056)
3 2013	133,122	99,174	24,115	15,973	(6,140)
4 2014	139,183	104,370	24,509	16,529	(6,225)
5 2015	145,541	109,839	24,910	17,104	(6,311)
6 2016	152,210	115,594	25,317	17,699	(6,399)
7 2017	159,208	121,650	25,730	18,314	(6,487)
8 2018	166,550	128,024	26,151	18,951	(6,577)
9 2019	174,253	134,732	26,578	19,611	(6,668)
0 2020	182,337	141,792	27,013	20,293	(6,761)
1 2021	190,820	149,221	27,454	20,999	(6,854)
2 2022	199,723	157,040	27,903	21,729	(6,949)
3 2023	209,066	165,268	28,359	22,485	(7,046)
4 2024	218,874	173,927	28,822	23,267	(7,143)
5 2025	229,168	183,040	29,294	24,077	(7,242)
6 2026	239,975	192,631	29,772	24,914	(7,342)
7 2027	251,320	202,724	30,259	25,781	(7,444)
8 2028	263,230	213,346	30,753	26,678	(7,547)
9 2029	275,734	224,524	31,256	27,606	(7,652)
0 2030	288,863	236,288	31,767	28,566	(7,758)
1 2031	302,649	248,669	32,286	29,560	(7,865)
2 2032	317,126	261,698	32,814	30,588	(7,974)
3 2033	332,327	275,410	33,350	31,652	(8,085)
4 2034	0	0	0	0	0
5 2035	0	0	0	0	0
6 2036	0	0	0	0	0
7 2037	0	0	0	0	0
8 2038	0	0	0	0	0
9 2039	0	0	0	0	0
0 2040	0	0	0	0	0
1 2041	0	0	0	0	0
2 2042	0	0	0	0	0
3 2043	0	0	0	0	0
4 2044	0	0	0	0	0
5 2045	0	0	0	0	0
6 Less Dismantlement Exp.....	6,886,374	5,362,758	1,022,589	757,990	(256,963)

FLORIDA POWER CORPORATION

0

Computation of Annual Accrual

Plant.....	ST JOE GS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	1999				
Cost @ 2001 \$'s.....	216,080	121,057	17,420	82,873	(5,270)
Future \$ 1st Year Expense.....	244,184	141,619	18,290	89,968	(5,694)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	0.00				
Compounded Inflation.....		0.00%	0.00%	0.00%	0.00%
Ending Balance of Reserve.....	0	0	0	0	(0)
Acc Reserve 12/31/00.....	244,184	141,619	18,290	89,969	(5,694)
2001	0	0	0	0	0
2002	0	0	0	0	0
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	0	0	0	0	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	244,184	141,619	18,290	89,968	(5,694)

FLORIDA POWER CORPORATION
 Computation of Annual Accrual

(0)

Plant.....	RIO PINAR GS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2005				
Cost @ 2001 \$'s.....	536,078	307,360	156,174	125,900	(53,357)
Future \$ 1st Year Expense.....	702,064	437,889	172,844	152,092	(60,761)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	(0)	(0)	(0)	(0)	0
PV of Amount to Accrue.....	(0)	(0)	(0)	(0)	0
Capital Recovery Years.....	5.00				
Compounded Inflation.....		7.34%	2.05%	3.85%	2.63%
Ending Balance of Reserve.....	(0)	0	0	0	(0)
Acc Reserve 12/31/00.....	702,064	437,889	172,844	152,092	(60,761)
2001	(0)	(0)	(0)	(0)	0
2002	(0)	(0)	(0)	(0)	0
2003	(0)	(0)	(0)	(0)	0
2004	(0)	(0)	(0)	(0)	0
2005	(0)	(0)	(0)	(0)	0
2006	0	0	0	0	0
2007	0	0	0	0	0
2008	0	0	0	0	0
2009	0	0	0	0	0
2010	0	0	0	0	0
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	702,064	437,889	172,844	152,092	(60,761)

FLORIDA POWER CORPORATION

Computation of Annual Accrual

Plant.....	U OF F GS	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2012				
Cost @ 2001 \$'s.....	1,139,078	1,077,734	280,577	28,995	(248,227)
Future \$ 1st Year Expense.....	2,079,517	2,004,987	337,566	41,230	(304,267)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	1,577,947	1,521,393	256,147	31,286	(230,879)
PV of Amount to Accrue.....	864,337	817,789	212,903	22,001	(188,356)
Capital Recovery Years.....	12.00				
Compounded Inflation.....		5.31%	1.55%	2.98%	1.71%
Ending Balance of Reserve.....	0	0	0	0	0
Acc Reserve 12/31/00.....	501,570	483,594	81,419	9,945	(73,388)
2001	98,178	93,884	19,583	2,207	(17,496)
2002	103,233	98,868	19,887	2,273	(17,795)
2003	108,555	104,118	20,196	2,341	(18,100)
2004	114,156	109,645	20,510	2,410	(18,409)
2005	120,053	115,467	20,828	2,482	(18,724)
2006	126,260	121,597	21,152	2,556	(19,045)
2007	132,795	128,053	21,480	2,632	(19,371)
2008	139,674	134,852	21,814	2,711	(19,702)
2009	146,916	142,012	22,153	2,791	(20,039)
2010	154,541	149,552	22,497	2,874	(20,382)
2011	162,567	157,492	22,846	2,960	(20,731)
2012	171,017	165,853	23,201	3,048	(21,085)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	0	0	0	0
2024	0	0	0	0	0
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	2,079,517	2,004,987	337,566	41,230	(304,267)

FLORIDA POWER CORPORATION

205,635

Computation of Annual Accrual

Plant.....	INTER P12-14	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2040				
Cost @ 2001 \$'s.....	3,740,968	2,177,995	1,337,634	547,675	(322,336)
Future \$ 1st Year Expense.....	21,095,043	16,864,223	2,569,922	2,212,679	(551,781)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	21,095,043	16,864,223	2,569,922	2,212,679	(551,781)
PV of Amount to Accrue.....	3,740,968	2,177,995	1,337,634	547,675	(322,336)
Capital Recovery Years.....	40.00				
Compounded Inflation.....		5.25%	1.65%	3.55%	1.35%
Ending Balance of Reserve.....	(0)	(0)	0	0	(0)
Acc Reserve 12/31/00.....	0	0	0	0	0
2001	192,585	131,306	45,912	25,855	(10,488)
2002	201,011	138,200	46,668	26,773	(10,630)
2003	209,842	145,456	47,436	27,724	(10,773)
2004	219,099	153,092	48,217	28,709	(10,919)
2005	228,802	161,130	49,010	29,729	(11,067)
2006	238,975	169,589	49,817	30,785	(11,217)
2007	249,640	178,493	50,637	31,879	(11,368)
2008	260,823	187,864	51,470	33,011	(11,522)
2009	272,550	197,727	52,317	34,184	(11,678)
2010	284,849	208,108	53,179	35,398	(11,836)
2011	297,747	219,034	54,054	36,655	(11,996)
2012	311,276	230,534	54,943	37,958	(12,159)
2013	325,468	242,637	55,848	39,306	(12,323)
2014	340,355	255,376	56,767	40,702	(12,490)
2015	355,974	268,784	57,701	42,148	(12,659)
2016	372,361	282,895	58,651	43,645	(12,830)
2017	389,556	297,748	59,616	45,196	(13,004)
2018	407,599	313,380	60,597	46,801	(13,180)
2019	426,533	329,833	61,595	48,464	(13,358)
2020	446,405	347,150	62,608	50,185	(13,539)
2021	467,261	365,376	63,639	51,968	(13,722)
2022	489,151	384,558	64,686	53,814	(13,907)
2023	512,129	404,748	65,751	55,726	(14,096)
2024	536,250	425,998	66,833	57,705	(14,286)
2025	561,572	448,364	67,933	59,755	(14,480)
2026	588,157	471,904	69,051	61,878	(14,676)
2027	616,069	496,679	70,187	64,076	(14,874)
2028	645,375	522,756	71,342	66,352	(15,075)
2029	676,148	550,201	72,517	68,709	(15,279)
2030	708,462	579,088	73,710	71,150	(15,486)
2031	742,396	609,491	74,923	73,678	(15,696)
2032	778,033	641,490	76,156	76,295	(15,908)
2033	815,461	675,169	77,410	79,005	(16,123)
2034	854,771	710,616	78,684	81,812	(16,341)
2035	896,059	747,925	79,979	84,718	(16,562)
2036	939,428	787,192	81,295	87,727	(16,786)
2037	984,984	828,521	82,633	90,844	(17,014)
2038	1,032,840	872,019	83,993	94,071	(17,244)
2039	1,083,113	917,802	85,376	97,413	(17,477)
2040	1,135,928	965,988	86,781	100,873	(17,713)
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	21,095,043	16,864,223	2,569,922	2,212,679	(551,781)

FLORIDA POWER CORPORATION

187,755

Computation of Annual Accrual

Plant.....	HINES 2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study.....	2000				
Capital Recovery Year.....	2028				
Cost @ 2001 \$'s.....	2,727,851	2,098,997	1,241,159	136,174	(748,480)
Future \$ 1st Year Expense.....	9,930,529	8,745,426	1,947,863	347,620	(1,110,380)
Future \$ 2nd & 3rd Year Exp.....	0	0	0	0	0
Amount To Accrue.....	9,930,529	8,745,426	1,947,863	347,620	(1,110,380)
PV of Amount to Accrue.....	2,727,851	2,098,997	1,241,159	136,174	(748,480)
Capital Recovery Years.....	28.00				
Compounded Inflation.....		5.23%	1.62%	3.40%	1.42%
Ending Balance of Reserve.....	(0)	(0)	(0)	0	(0)
Acc Reserve 12/31/00.....	0	0	0	0	0
2001	174,965	144,413	55,509	7,620	(32,578)
2002	183,214	151,964	56,410	7,879	(33,040)
2003	191,874	159,910	57,325	8,147	(33,508)
2004	200,968	168,271	58,255	8,425	(33,984)
2005	210,516	177,070	59,201	8,712	(34,466)
2006	220,543	186,329	60,161	9,008	(34,955)
2007	231,073	196,071	61,138	9,315	(35,451)
2008	242,131	206,323	62,130	9,632	(35,954)
2009	253,745	217,112	63,138	9,960	(36,464)
2010	265,944	228,464	64,162	10,299	(36,981)
2011	278,757	240,410	65,203	10,649	(37,505)
2012	292,216	252,981	66,261	11,012	(38,038)
2013	306,354	266,208	67,336	11,386	(38,577)
2014	321,206	280,128	68,429	11,774	(39,124)
2015	336,810	294,775	69,539	12,175	(39,679)
2016	353,203	310,188	70,668	12,589	(40,242)
2017	370,426	326,408	71,814	13,018	(40,813)
2018	388,523	343,475	72,980	13,461	(41,392)
2019	407,538	361,434	74,164	13,919	(41,979)
2020	427,518	380,333	75,367	14,393	(42,575)
2021	448,514	400,220	76,590	14,882	(43,179)
2022	470,577	421,146	77,833	15,389	(43,791)
2023	493,764	443,167	79,096	15,913	(44,412)
2024	518,131	466,340	80,379	16,454	(45,043)
2025	543,740	490,724	81,684	17,014	(45,681)
2026	570,656	516,383	83,009	17,594	(46,329)
2027	598,945	543,383	84,356	18,192	(46,987)
2028	628,679	571,796	85,725	18,812	(47,653)
2029	0	0	0	0	0
2030	0	0	0	0	0
2031	0	0	0	0	0
2032	0	0	0	0	0
2033	0	0	0	0	0
2034	0	0	0	0	0
2035	0	0	0	0	0
2036	0	0	0	0	0
2037	0	0	0	0	0
2038	0	0	0	0	0
2039	0	0	0	0	0
2040	0	0	0	0	0
2041	0	0	0	0	0
2042	0	0	0	0	0
2043	0	0	0	0	0
2044	0	0	0	0	0
2045	0	0	0	0	0
Less Dismantlement Exp.....	9,930,529	8,745,426	1,947,863	347,620	(1,110,380)

FOSSIL-FUELED GENERATING STATIONS
ESTIMATED FUTURE DOLLAR DISMANTLEMENT COST

PLANT	RECOVERY PERIOD	STUDY DATE	CAPITAL RECOV YEAR	DISMANTLE COST AT STUDY DATE	ACCUMULATED RESERVE 12/31/00	TOTAL FUTURE \$ COST	2002	2003	2005	2008	2009	2010	2011	2012
CRYSTAL RIVER SOUTH UNITS 1 & 2	14	2000	2014	30,058,000	23,420,222	59,349,514	0	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH COOLING TOWERS	14	2000	2014	2,601,000	0	5,468,038	0	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH FISH HATCHERY	14	2000	2014	900,000	0	1,882,595	0	0	0	0	0	0	0	0
CRYSTAL RIVER NORTH UNITS 4 & 5	29	2000	2029	23,890,000	30,702,109	100,808,675	0	0	0	0	0	0	0	0
CRYSTAL RIVER COMMON ANCLOTE	29	2000	2029	6,695,000	0	29,197,336	0	0	0	0	0	0	0	0
BARTOW STEAM	23	2000	2023	12,743,800	12,777,020	40,876,173	0	0	0	0	0	0	0	0
BARTOW STEAM	8	2000	2008	19,713,551	20,728,665	29,556,048	0	0	0	0	0	0	0	0
BARTOW GAS TURBINE	8	2000	2008	1,383,449	2,093,911	2,093,911	0	0	0	0	0	0	0	0
BARTOW-ANCLOTE PIPELINE & FUEL TERM	23	2000	2023	7,113,000	1,637,343	18,097,414	0	0	0	0	0	0	0	0
HINES ENERGY COMBINED CYCLE UNIT 1	23	2000	2023	1,835,033	0	5,689,016	0	0	0	0	0	0	0	0
AVON PARK GAS TURBINE	6	2000	2006	497,100	668,409	668,409	0	0	0	0	0	0	668,409	0
TURNER PLANT STEAM	(1)	2000	1999	6,698,262	7,249,649	7,249,649	3,565,133	3,684,515	0	0	0	0	0	0
TIGER BAY COMBINED CYCLE	25	2000	2025	1,531,000	328,933	4,883,063	0	0	0	0	0	0	0	0
TURNER GAS TURBINE UNITS 1 & 2	6	2000	2006	136,416	203,803	203,803	0	0	0	0	0	0	203,803	0
TURNER GAS TURBINE UNITS 3 & 4	14	2000	2014	822,322	563,063	1,624,594	0	0	0	0	0	0	0	0
HIGGINS STEAM PLANT	(1)	2000	1999	4,682,117	5,376,977	5,376,977	0	0	5,376,977	0	0	0	0	0
INTERCESSION CITY SIEMENS P-11	33	2000	2033	181,679	0	876,625	0	0	0	0	0	0	0	0
HIGGINS GAS TURBINE	5	2000	2005	783,883	1,037,916	1,037,916	0	0	0	0	0	1,037,916	0	0
SUWANNEE STEAM	3	2000	2003	10,114,048	13,543,291	13,543,291	0	0	0	13,543,291	0	0	0	0
SUWANNEE GAS TURBINE	10	2000	2010	443,952	360,520	806,347	0	0	0	0	0	0	0	0
BAYBORO GAS TURBINE	10	2000	2010	1,423,100	1,183,501	2,105,856	0	0	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 1 - 6	16	2000	2016	857,798	1,078,131	1,765,301	0	0	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 7 - 10	32	2000	2032	5,469,202	1,423,703	21,242,441	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE UNITS 1 - 6	14	2000	2014	794,565	769,885	1,427,831	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE UNITS 7 - 10	33	2000	2033	1,631,701	1,099,911	6,886,374	0	0	0	0	0	0	0	0
PORT ST JOE GAS TURBINE	(1)	2000	1999	210,000	244,184	244,184	0	0	244,184	0	0	0	0	0
RIO PINAR GAS TURBINE	5	2000	2005	522,000	702,064	702,064	0	0	0	0	0	702,064	0	0
UNIVERSITY OF FLORIDA GAS TURBINE	12	2000	2012	1,098,000	501,570	2,079,517	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE P12-P14	40	2000	2040	3,645,055	0	21,095,043	0	0	0	0	0	0	0	0
HINES ENERGY COMBINED CYCLE UNIT 1	28	2000	2028	2,646,967	0	9,930,529	0	0	0	0	0	0	0	0
AVON PARK STEAM					0									
TOTAL				151,122,000	127,694,780	396,768,531	3,565,133	3,684,515	5,621,160	13,543,291	0	1,739,979	872,212	0

FOSSIL FUEL GENERATION
ESTIMATED FUTURE DOLLAR

PLANT	2013	2014	2015	2017	2019	2020	2021	2025	2026	2027	2028	2029	2030
CRYSTAL RIVER SOUTH UNITS 1 & 2	0	0	0	0	29,507,233	29,842,281	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH COOLING TOWERS	0	0	0	0	5,468,038	0	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH FISH HATCHERY	0	0	0	0	1,882,595	0	0	0	0	0	0	0	0
CRYSTAL RIVER NORTH UNITS 4 & 5	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYSTAL RIVER COMMON	0	0	0	0	0	0	0	0	0	0	0	0	0
ANCLOTE STEAM	0	0	0	0	0	0	0	0	0	0	19,924,110	20,952,063	0
BARTOW STEAM	14,557,369	14,998,679	0	0	0	0	0	0	0	0	0	0	0
BARTOW GAS TURBINE	2,093,911	0	0	0	0	0	0	0	0	0	0	0	0
BARTOW-ANCLOTE PIPELINE & FUEL TERM	0	0	0	0	0	0	0	0	0	0	18,097,414	0	0
HINES ENERGY COMBINED CYCLE UNIT 1	0	0	0	0	0	0	0	0	0	0	5,689,016	0	0
AVON PARK GAS TURBINE	0	0	0	0	0	0	0	0	0	0	0	0	0
TURNER PLANT STEAM	0	0	0	0	0	0	0	0	0	0	0	0	0
TIGER BAY COMBINED CYCLE	0	0	0	0	0	0	0	0	0	0	0	0	4,883,063
TURNER GAS TURBINE UNITS 1 & 2	0	0	0	0	0	0	0	0	0	0	0	0	0
TURNER GAS TURBINE UNITS 3 & 4	0	0	0	0	1,624,594	0	0	0	0	0	0	0	0
HIGGINS STEAM PLANT	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERCESSION CITY SIEMENS P-11	0	0	0	0	0	0	0	0	0	0	0	0	0
HIGGINS GAS TURBINE	0	0	0	0	0	0	0	0	0	0	0	0	0
SUWANNEE STEAM	0	0	0	0	0	0	0	0	0	0	0	0	0
SUWANNEE GAS TURBINE	0	0	806,347	0	0	0	0	0	0	0	0	0	0
BAYBORO GAS TURBINE	0	0	2,105,856	0	0	0	0	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 1 - 6	0	0	0	0	0	0	1,765,301	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 7 - 10	0	0	0	0	0	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE UNITS 1 - 6	0	0	0	0	1,427,831	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE UNITS 7 - 10	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT ST JOE GAS TURBINE	0	0	0	0	0	0	0	0	0	0	0	0	0
RIO PINAR GAS TURBINE	0	0	0	0	0	0	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA GAS TURBINE	0	0	0	2,079,517	0	0	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE P12-P14	0	0	0	0	0	0	0	0	0	0	0	0	0
HINES ENERGY COMBINED CYCLE UNIT 1	0	0	0	0	0	0	0	0	0	0	0	0	0

AVON PARK STEAM

TOTAL	16,651,280	14,998,679	2,912,203	2,079,517	39,910,290	29,842,281	1,765,301	0	0	0	43,710,540	20,952,063	4,883,063
-------	------------	------------	-----------	-----------	------------	------------	-----------	---	---	---	------------	------------	-----------

FOSSIL-FUELED GENERATING
ESTIMATED FUTURE DOLLAR

PLANT	2033	2034	2035	2036	2037	2038	2045
CRYSTAL RIVER SOUTH UNITS 1 & 2	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH COOLING TOWERS	0	0	0	0	0	0	0
CRYSTAL RIVER SOUTH FISH HATCHERY	0	0	0	0	0	0	0
CRYSTAL RIVER NORTH UNITS 4 & 5	0	49,152,623	51,656,052	0	0	0	0
CRYSTAL RIVER COMMON	0	29,197,336	0	0	0	0	0
ANCLOTE STEAM	0	0	0	0	0	0	0
BARTOW STEAM	0	0	0	0	0	0	0
BARTOW GAS TURBINE	0	0	0	0	0	0	0
BARTOW-ANCLOTE PIPELINE & FUEL TERM	0	0	0	0	0	0	0
HINES ENERGY COMBINED CYCLE UNIT 1	0	0	0	0	0	0	0
AVON PARK GAS TURBINE	0	0	0	0	0	0	0
TURNER PLANT STEAM	0	0	0	0	0	0	0
TIGER BAY COMBINED CYCLE	0	0	0	0	0	0	0
TURNER GAS TURBINE UNITS 1 & 2	0	0	0	0	0	0	0
TURNER GAS TURBINE UNITS 3 & 4	0	0	0	0	0	0	0
HIGGINS STEAM PLANT	0	0	0	0	0	0	0
INTERCESSION CITY SIEMENS P-11	0	0	0	0	0	876,625	0
HIGGINS GAS TURBINE	0	0	0	0	0	0	0
SUWANNEE STEAM	0	0	0	0	0	0	0
SUWANNEE GAS TURBINE	0	0	0	0	0	0	0
BAYBORO GAS TURBINE	0	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 1 - 6	0	0	0	0	0	0	0
DEBARY GAS TURBINE UNITS 7 - 10	0	0	0	0	21,242,441	0	0
INTERCESSION CITY GAS TURBINE UNITS 1 - 6	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE UNITS 7 - 10	0	0	0	0	0	6,886,374	0
PORT ST JOE GAS TURBINE	0	0	0	0	0	0	0
RIO PINAR GAS TURBINE	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA GAS TURBINE	0	0	0	0	0	0	0
INTERCESSION CITY GAS TURBINE P12-P14	0	0	0	0	0	0	21,095,043
HINES ENERGY COMBINED CYCLE UNIT 1	9,930,529	0	0	0	0	0	0

AVON PARK STEAM

TOTAL	9,930,529	78,349,959	51,656,052	0	21,242,441	7,762,999	21,095,043
-------	-----------	------------	------------	---	------------	-----------	------------

INFLATION FORECAST

YEAR	COMPENSATION PER HOUR			INTERMEDIATE MATERIALS, SUPPLIES AND COMPONENTS			GDP PRICE DEFLATOR			METALS AND METAL PRODUCTS		
	ANNUAL RATE OF CHANGE	COMP MULTIPLIER FROM 2000	COMP MULTIPLIER FROM 2001	ANNUAL RATE OF CHANGE	COMP MULTIPLIER FROM 2000	COMP MULTIPLIER FROM 2001	ANNUAL RATE OF CHANGE	COMP MULTIPLIER FROM 2000	COMP MULTIPLIER FROM 2001	ANNUAL RATE OF CHANGE	COMP MULTIPLIER FROM 2000	COMP MULTIPLIER FROM 2001
1988	4 2%			5 4%			3 9%			10 8%		
1989	3 3%			4 6%			4 6%			4 5%		
1990	5 5%			2 2%			4 3%			-1 0%		
1991	5 1%			0 0%			3 8%			-2 2%		
1992	4 9%			0 2%			2 8%			-0 8%		
1993	3 6%			1 4%			2 6%			0 0%		
1994	3 6%			0 9%			2 4%			2 7%		
1995	3 7%			1 6%			2 5%			1 7%		
1996	4 1%			1 7%			2 6%			1 6%		
1997	3 7%			2 7%			2 4%			3 2%		
1998	4 1%			2 9%			2 7%			2 5%		
1999	4 8%			0 1%			1 4%			-2 4%		
2000	4 7%	1 000		2 6%	1 000		1 5%	1 000		2 5%	1 000	
2001	4 1%	1 041	1 000	0 4%	1 004	1 000	1 6%	1 016	1 000	1 2%	1 012	1 000
2002	3 9%	1 082	1 039	1 1%	1 015	1 011	1 9%	1 035	1 019	1 8%	1 030	1 018
2003	4 0%	1 125	1 081	1 4%	1 029	1 025	2 2%	1 058	1 041	2 1%	1 052	1 039
2004	4 0%	1 170	1 124	1 2%	1 042	1 037	2 1%	1 080	1 063	1 9%	1 072	1 059
2005	4 1%	1 218	1 170	1 2%	1 054	1 050	2 1%	1 103	1 086	2 0%	1 093	1 080
2006	4 2%	1 269	1 219	1 1%	1 066	1 061	2 1%	1 126	1 108	1 5%	1 110	1 097
2007	4 1%	1 321	1 269	1 0%	1 076	1 072	2 1%	1 150	1 132	1 0%	1 121	1 107
2008	4 0%	1 374	1 320	1 0%	1 087	1 083	2 2%	1 175	1 157	0 9%	1 131	1 117
2009	3 9%	1 427	1 371	1 0%	1 098	1 094	2 2%	1 201	1 182	0 8%	1 140	1 126
2010	3 9%	1 483	1 425	1 2%	1 111	1 107	2 2%	1 227	1 208	1 1%	1 152	1 139
2011	3 8%	1 539	1 479	1 1%	1 123	1 119	2 2%	1 254	1 235	1 0%	1 164	1 150
2012	3 7%	1 596	1 534	1 0%	1 135	1 130	2 2%	1 282	1 262	0 8%	1 173	1 159
2013	3 7%	1 655	1 590	1 1%	1 147	1 143	2 1%	1 309	1 288	1 0%	1 185	1 171
2014	3 7%	1 717	1 649	1 2%	1 161	1 156	2 2%	1 338	1 317	1 2%	1 199	1 185
2015	3 9%	1 784	1 713	1 3%	1 176	1 171	2 4%	1 370	1 348	1 2%	1 214	1 199
2016	4 1%	1 857	1 784	1 3%	1 191	1 187	2 6%	1 405	1 383	1 1%	1 227	1 212
2017	4 3%	1 937	1 860	1 4%	1 208	1 203	2 8%	1 445	1 422	1 1%	1 240	1 226
2018	4 5%	2 024	1 944	1 4%	1 225	1 220	3 0%	1 488	1 465	1 0%	1 253	1 238
2019	4 7%	2 119	2 035	1 5%	1 243	1 238	3 2%	1 536	1 512	1 1%	1 267	1 252
2020	4 9%	2 223	2 135	1 7%	1 264	1 259	3 4%	1 588	1 563	1 3%	1 283	1 268
2021	5 1%	2 336	2 244	1 7%	1 286	1 281	3 5%	1 644	1 618	1 3%	1 300	1 284
2022	5 2%	2 458	2 361	1 7%	1 308	1 302	3 7%	1 704	1 677	1 2%	1 315	1 300
2023	5 3%	2 588	2 486	1 8%	1 331	1 326	3 8%	1 769	1 741	1 3%	1 332	1 317
2024	5 3%	2 725	2 618	1 7%	1 354	1 348	3 9%	1 838	1 809	1 2%	1 348	1 332
2025	5 3%	2 869	2 756	1 7%	1 377	1 371	3 9%	1 910	1 880	1 2%	1 365	1 348
2026	5 3%	3 021	2 902	1 7%	1 400	1 395	3 9%	1 984	1 953	1 2%	1 381	1 365
2027	5 3%	3 182	3 056	1 7%	1 424	1 418	3 9%	2 062	2 029	1 2%	1 398	1 381
2028	5 3%	3 350	3 218	1 7%	1 448	1 443	3 9%	2 142	2 108	1 2%	1 414	1 398
2029	5 3%	3 528	3 389	1 7%	1 473	1 467	3 9%	2 226	2 191	1 2%	1 431	1 414
2030	5 3%	3 715	3 568	1 7%	1 498	1 492	3 9%	2 312	2 276	1 2%	1 449	1 431
2031	5 3%	3 912	3 758	1 7%	1 523	1 517	3 9%	2 403	2 365	1 2%	1 466	1 449
2032	5 3%	4 119	3 957	1 7%	1 549	1 543	3 9%	2 496	2 457	1 2%	1 484	1 466
2033	5 3%	4 337	4 166	1 7%	1 576	1 569	3 9%	2 594	2 553	1 2%	1 501	1 484
2034	5 3%	4 567	4 387	1 7%	1 602	1 596	3 9%	2 695	2 652	1 2%	1 519	1 501
2035	5 3%	4 809	4 620	1 7%	1 630	1 623	3 9%	2 800	2 756	1 2%	1 538	1 519
2036	5 3%	5 064	4 865	1 7%	1 657	1 651	3 9%	2 909	2 863	1 2%	1 556	1 538
2037	5 3%	5 333	5 123	1 7%	1 686	1 679	3 9%	3 022	2 975	1 2%	1 575	1 556
2038	5 3%	5 615	5 394	1 7%	1 714	1 707	3 9%	3 140	3 091	1 2%	1 594	1 575
2039	5 3%	5 913	5 680	1 7%	1 743	1 736	3 9%	3 263	3 211	1 2%	1 613	1 594
2040	5 3%	6 226	5 981	1 7%	1 773	1 766	3 9%	3 390	3 337	1 2%	1 632	1 613
2041	5 3%	6 556	6 298	1 7%	1 803	1 796	3 9%	3 522	3 467	1 2%	1 652	1 632
2042	5 3%	6 904	6 632	1 7%	1 834	1 827	3 9%	3 660	3 602	1 2%	1 671	1 652
2043	5 3%	7 269	6 983	1 7%	1 865	1 858	3 9%	3 802	3 743	1 2%	1 692	1 671
2044	5 3%	7 655	7 353	1 7%	1 897	1 889	3 9%	3 951	3 888	1 2%	1 712	1 692
2045	5 3%	8 060	7 743	1 7%	1 929	1 921	3 9%	4 105	4 040	1 2%	1 732	1 712
2046	5 3%	8 488	8 153	1 7%	1 962	1 954	3 9%	4 265	4 198	1 2%	1 753	1 732

Section 3

DEFINITION OF TERMS

Because of the wide variation and use of demolition terms, those applicable to this report are defined below:

Demolition:	To wreck and thus render useless
Dismantlement:	To disassemble in a gradual, systematic way
Fill Material:	Clean, inorganic, solid material capable of supporting compaction
Salvage:	To preserve for its original function or purpose
Scrap:	To process for recycling/smelting

Section 4

ASSUMPTIONS

The assumptions for this project are divided below between those that apply to all estimates in the scope and any additional site-specific assumptions.

GENERAL ASSUMPTIONS

The following assumptions apply to all estimates in this report:

1. Each facility was viewed as if it were completely decommissioned with no generating output. All utilities (e.g., electricity, potable water, storm and sanitary sewers) would remain in service at no additional charge to the contractor, and could be cut at the contractor's discretion.
2. Any and all re-routes would be completed before the start of demolition.
3. Work will proceed in the most cost effective sequence without regard to adjacent units. For the purpose of this study, all units on a site are assumed to be demolished at the same time.
4. Switchyards and substations within the plant boundaries are not part of the demolition scope, nor are any access roads to these facilities.
5. Spare and auxiliary transformers are included with the first unit as applicable.
6. Peaker estimates include step-up transformers.
7. Lead and asbestos abatement will precede all other work and demolition can begin only after final air quality clearances are obtained.
8. All burnable coal, fuel oil and chemicals will be removed by FPC before demolition.
9. Any and all PCB oil will have been removed before demolition.
10. All tenant and building rubbish will be kept segregated in order to minimize landfill costs.
11. No allowance has been added for unknown environmental scope.
12. On-site handling and off-site disposal of hazardous materials are to be performed in compliance with methods approved by the FPC Environmental Services Department.

13. Asbestos will be removed in accordance with all applicable Federal, State and Local laws, rules and regulations in effect as of January 1, 2000.
14. Ash ponds will be pumped dry, mined an additional 2 feet deep, filled with inert debris (e.g., concrete or brick), capped with 6 inches of clay and 18 inches of soil, and then will be seeded.
15. Percolation ponds will have 2 feet of sludge removed and 5 feet of additional soil will be removed before filling with inert debris, 18 inches of clean soil, and then the area will be seeded.
16. All dikes will be leveled and the area will be re-graded. Dike material will be used as fill.
17. No major land contouring is included in this scope other than those mentioned in these assumptions.
18. All structures and equipment above grade and to a depth of 2 feet will be demolished. Structures or equipment buried more than 2 feet deep will remain in place except for environmentally sensitive material indicated by FPC, or for any items listed in these assumptions being demolished.
19. All existing basements will be used as a "void" to bury non-hazardous debris. Concrete in basements and trenches shall be perforated to create drainage.
20. Underground piping less than 4 feet in diameter will be abandoned in place. Underground metal pipe larger than 4 feet in diameter will be filled with sand or slurry and then capped at each end to prevent collapse. Non-metal pipe larger than 4 feet in diameter will be collapsed in place.
21. All demolished materials are considered debris except for organic materials, combustibles, and non-embedded metals that have a scrap value.
22. For stations that cannot accommodate on-site disposal of debris, the costs for off-site disposal will be included in the estimates.
23. The basis of salvage estimating is for scrap value only. No resale of equipment or material is included.
24. Excluded from this scope is any sale or valuation of land and any electrical generation replacement costs.
25. No soil investigations have been conducted for this study.
26. Finished dock lines, slips and canals will be retained for future use, with only placard perimeter cyclone fencing. Intake and discharge canals that would no longer serve a

purpose beyond the station's operation, will be properly closed and filled unless noted otherwise in the site-specific assumptions below. Only equipment, such as pumps, screws, racks, cranes and structures above the seawall will be removed.

27. Catch basins, sewers and ducts will be sealed on the upstream side, collapsed to at least 2 feet below grade, and will be filled. Horizontal runs will be abandoned in place after closure.
28. All labor is based on a 40 hour work week with no allowances for overtime.
29. The price level for this study is January 1, 2000.

SITE-SPECIFIC ASSUMPTIONS

The following assumptions apply only to the specific sites as indicated below:

Anclote

- Intake and discharge canals will remain as is.
- Access road to canals will also remain.
- Existing grade elevation of 14 feet above the original grade will remain in place.

Bartow

- Intake structure will remain in place along with the seawalls defining the barge canal and turning basin.
- Discharge canal will be capped, closed and filled.
- Unit 3 has had all asbestos and transite (except the north wall of Unit 3 building) removed; Units 1 and 2 still need to be abated and are included in the estimates.

Crystal River

- The fish hatchery ponds will initially be pumped dry, then the liner will be removed, berms will be graded out and finally the area will be leveled out. This area is non-hazardous and needs no special handling.

Port St. Joe

- No site visit was performed due to remote location, small size, and similarity to Rio Pinar peaker and common facilities.
- Combustion turbine, generator, and transformer have been removed from the site.

Suwannee

- The intake and discharge canals will be left in place. The associated structures will be backfilled to provide contouring to surrounding grade.

University of Florida Cogeneration

- Existing above-ground tanks belong to the University and are not a part of the demolition study.

System Fuel Terminal and Bartow/Anclote Oil Pipeline

- A conservative amount of contaminated soils has been assumed due to the clean condition of the pipe, as reported by the FPC.
- It is assumed that the pipeline is sleeved at all intersections with public lands, buildings, or highways. No destruction of these facilities will be required to remove the pipeline.
- No scrap value has been assigned to the pipeline due to the high handling costs to remove the insulation, lagging, and fittings.

UNIQUE SITE FEATURES

Crystal River

- Units 1 and 2 have asbestos to be abated. None on Units 4 and 5.
- The lightweight concrete aggregate manufacturing facility and the limestone back haul facility are not included in this study as they are not owned by FPC.

Turner

- Unit 1 and Unit 2 have been dismantled.
- Unit 3 and Unit 4 have been asbestos abated.

Section 5

PLANT DESCRIPTIONS

ANCLOTE (Two Steam Units)

The Anclote Plant is a two-unit No. 6 oil fired steam electric generating station located in Pasco County, 1 mile west of the city of Tarpon Springs. The approximately 400-acre site is on a peninsula that extends into the Gulf of Mexico, just north of the Anclote River.

Each of the two units has a nameplate generating capacity of 509.2 megawatts (MW). Unit 1 went into commercial operation in 1974 and Unit 2 went into commercial operation in 1978. Both units use General Electric turbine generators.

The boilers are 2,400-psi units manufactured by Combustion Engineering and are each rated at 3,598,660 lb/hr steam flow with 1,000°F superheat and 1,000°F reheat steam temperatures. Both units share a common stack, which is 499 feet tall. All fuel oil for the units is received via a 34-mile pipeline connected to the Bartow Plant in St. Petersburg on Tampa Bay. The oil is received into two 259,000-barrel storage tanks located on the south side of the Anclote site.

The turbine condenser cooling system utilizes water from the Gulf of Mexico. This water is passed through the condenser and a portion through cooling towers before mixing with a second stream of Gulf water (dilution flow) and finally returning to the Gulf of Mexico. The two 216-foot diameter concrete cooling towers are only needed for operation during times of high ambient temperatures, typically April through September.

Other site buildings and structures include administration offices and maintenance shops, circulating and dilution water pump structures, a chlorination equipment building, a materials warehouse, and various small buildings. There are two wastewater evaporation/percolation ponds. Connection of the generators with the electrical grid is through a substation using three 230-kV line connections.

AVON PARK (Two Combustion Turbine Units)

The Avon Park Plant is a two-unit No. 2 oil and natural gas-fired combustion-turbine electric generating station located in Highlands County, 1 mile south of the city of Avon Park. The approximately 55-acre site is located on the north bank of Lake Lotela.

The Avon Park steam units 1 and 2 were dismantled in 1996 and 1997.

Fuel oil is received by truck. One fuel oil storage tank of 80,000 barrels capacity remains.

Other site buildings and structures include a building administration office and maintenance shop and a truck fuel oil unloading station and pumphouse.

The two Worthington-manufactured combustion turbine units each as a 33.8 MW nameplate capacity. Both Avon Park Peakers were placed into commercial operation in 1968. Associated with the Avon Park Peakers is one fuel oil storage tank of 10,000 barrels capacity. Connection of the combustion turbines with the electrical grid is through a substation using four 69-kV, one 115-kV, and one 230-kV line connections.

BARTOW (Three Steam and Four Combustion Turbine Units)

The P.L. Bartow Plant is a three-unit No. 6 oil and natural gas-fired steam electric generating facility located in Pinellas County on the west shore of Tampa Bay. The 1,348-acre site on Weedon Island, north of downtown St. Petersburg, is partly within the city limits.

Unit 1 has a nameplate generating capacity of 127.5 MW and went into commercial operation in 1958.

Unit 2 has a nameplate capacity of 127.5 MW and went into commercial operation in 1961. Unit 3 has a nameplate capacity of 239.4 MW and went into commercial operation in 1963. All three units use General Electric turbine generators.

The Unit 1 and Unit 2 boilers are each rated 1,850 psi at 900,000 lb/hr steam flow with 1,000°F superheat and 1,000°F reheat steam temperatures. Unit 1 is a Babcock & Wilcox boiler and unit 2 is a Combustion Engineering boiler. Unit 3 is rated 2,050 psi at 1,423,500 lb/hr steam flow with 1,000°F superheat and 1,000°F reheat steam temperatures. Unit 3 is a Combustion Engineering boiler. All fuel oil for the units

is delivered by barge to two 150,000-barrel and one 200,000-barrel tanks. An additional 150,000-barrel tank with coal-oil mixture residue is currently abandoned in place. Unit 1 is fitted with an electrostatic precipitator. Each of the units has a 300-foot brick-lined concrete stack.

The turbine condenser cooling is accomplished by once-through circulation of water from Tampa Bay.

Other site buildings and structures include the plant administration building and maintenance shops, circulating water pump structure, a materials warehouse, and various small buildings. There are two wastewater evaporation/percolation ponds plus an ash disposal area.

Also located on the west side of the Bartow site are four General Electric manufactured combustion turbines of 55.7 MW nameplate capacity each. The Bartow Peakers were placed in commercial operation in 1972. Associated with the Bartow Peakers are two fuel oil storage tanks; one 100,000-barrel capacity and one small (25,000-gallon) light oil tank. Connection of the three steam and four combustion turbine generators with the electrical grid is through a 115-kV switchyard and a separate 230-kV switchyard substation using two 230-kV line connections. The Bartow Peakers are treated as a separate generating station in this study.

BAYBORO (Four Combustion Turbine Units)

The Bayboro Peaker Plant is a four-unit combustion turbine facility located in Pinellas County directly south of downtown St. Petersburg. The 1-acre site is situated on the Bayboro Harbor.

Each of the four units was manufactured by Pratt & Whitney, and each has a nameplate generating capacity of 56.7 MW. The units went into commercial operation in 1973.

Buildings and other structures on the site include a barge fuel oil unloading house and pumphouse, truck fuel oil station, maintenance building, office and warehouse, and two fuel oil storage tanks, one 25,000-barrel and one 20,000-barrel capacity. Connection of the generations with the electrical grid is through a substation using three 230-kV line connections.

CRYSTAL RIVER 1 AND 2 (Two Steam Units)

Also known as Crystal River South Plant, these two coal-fired steam electric units share a 4,744-acre site with Unit 3 (Crystal River Nuclear Plant) and Units 4 and 5 (Crystal River North) in Citrus County. The site is on the Gulf of Mexico just north of the Crystal River. The Crystal River North Plant is treated separately in this study and the Crystal River Nuclear Plant is not part of this study.

Unit 1 has a nameplate capacity of 440.5 MW and went into commercial operation in 1966. Unit 2 has a nameplate capacity of 523.8 MW and went commercial in 1969. Each unit uses a General Electric turbine generator.

Unit 1 and 2 boilers were manufactured by Combustion Engineering. Unit 1 is rated at 2,620 psi at 2,547,950 lb/hr with 1,005°F superheat and 1,000°F reheat steam temperatures. Unit 2 is rated 2,500 psi at 3,367,000 lb/hr steam flow with 1,005°F superheat and 1,000°F reheat steam temperatures. Eastern bituminous coal is used as the primary fuel with No. 2 fuel oil for light-off and flame stabilization. Coal is delivered by rail and by sea-going barge and is stored in the south coal yard. The No. 2 fuel oil is delivered by truck to two storage tanks, one 5,000-barrel and one 500-barrel capacity. Each unit is fitted with an electrostatic precipitator to enhance fly ash collection. Unit 1 uses a 499-foot stack and Unit 2 uses a 503-foot stack, both brick-lined concrete.

The turbine condenser cooling is accomplished by a once-through circulation of water from the Gulf of Mexico.

To meet requirements of a September 1, 1988, EPA National Pollution Discharge Elimination System (NPDES) permit, Helper Cooling Towers were installed and placed in service May 19, 1993. The new Helper Cooling Towers cool one half of the circulating water discharge streams from the Crystal River 1 and 2 coal units and Crystal River 3 (nuclear unit). Associated with the Helper Cooling Towers are a Fish Hatchery and a condenser flow reduction system. There are four mechanical draft cooling towers each approximately 50' x 550' x 50' tall using nine fans (35-foot diameter with 300 hp motors). Four cooling tower intake pumps (4,000 hp each) draw warm water (approximately 650,000 gpm) from the site discharge canal, and then the cooled water is reintroduced and mixed in the canal. A Fish Hatchery to replenish redfish, spotted seatrout, and other identified species went into operation in October 1991. The

hatchery includes eight 1-acre hypalon-lined ponds, laboratory facilities, display area, and administrative offices.

Other buildings and structures on the Crystal River South site include administration offices and shops, water management buildings and tanks, barge unloading facility, rail unloading facility, coal storage areas, crusher house, conveyors, scales and reclaiming equipment, circulating water pumps, intake and discharge structures, two ash disposal areas, two wastewater evaporation/percolation ponds, sewage treatment plant, several materials warehouses, and various other storage buildings. Connection of the turbine generators with the electrical grid is through a substation with five 230-kV lines.

CRYSTAL RIVER 4 AND 5 (Two Steam Units)

Also known as Crystal River North Plant, these two coal-fired steam electric units share a 4,744-acre site with Units 1 and 2 (Crystal River South Plant) and Unit 3 (Crystal River Nuclear Plant) in Citrus County. The site is on the Gulf of Mexico just north of the Crystal River. The Crystal River South Plant is treated separately in this study and the Crystal River Nuclear Plant is not part of this study

Each unit has a nameplate capacity of 739.3 MW. Unit 4 went into commercial operation in 1982 and Unit 5 went into commercial operation in 1984. Each unit uses a General Electric turbine generator.

The unit 4 and 5 boilers were manufactured by Babcock & Wilcox. Both boilers are rated at 2,620 psi and 5,240,000 lb/hr steam flow with 1,005°F superheat and 1,005°F reheat steam temperatures. Low-sulfur Eastern bituminous coal is used as the primary fuel with No. 2 fuel oil for light-off and flame stabilization. Coal is delivered by rail and by sea-going barge at the south coal yard and is carried by conveyor to the north coal yard. The No. 2 fuel oil is delivered by truck to two storage tanks, each of which has a 6,000-barrel capacity. Each unit is fitted with an electrostatic precipitator for fly ash collection, and each unit has a 600-foot brick-lined concrete stack.

The turbine condenser cooling for each unit is accomplished by circulating water from the Gulf of Mexico through a single, 445-foot tall, 330-foot diameter natural draft cooling tower (total of two cooling towers).

Other buildings and structures on the Crystal River North site include site administration buildings, plant administration offices and maintenance shops, water management building and tanks, coal storage areas, crusher house, conveyor, scales, and two stacker/reclaimers, cooling tower makeup pumps and circulating

water pumps, intake and discharge structures, fossil operations service building, ash silos and conveyors, three wastewater evaporation/percolation ponds, sewage treatment buildings, materials warehouses, and various other storage buildings. Connection of the two steam turbine generators with the electrical grid is through two substations with five 230-kV and two 500-kV line connections.

DEBARY (Ten Combustion Turbine Units)

The Debary Peaker Plant was originally a six-unit combustion facility located in Volusia County, 1 mile west of the town of Debary. The 2,210-acre site is situated on the east side of the St. John's River, 2 miles south of Blue Springs State Park and 3 miles south of Huntoon Island State Park.

Units P-1 through P-6 were manufactured by General Electric, and each has a nameplate generating capacity of 60.9 MW. Units P-3 and P-5 went into commercial operation in 1975 and Units P-1, P-2, P-4, and P-6 began commercial operation in 1976.

Units P-7, P-8, P-9, and P-10 were manufactured by General Electric, and each as a nameplate generating capacity of 85.4 MW. Units P-7 through P-10 were placed in commercial operation in October 1992.

Buildings and other structures on the site include administrative offices and maintenance shop, operator control building, auxiliary boiler house and laboratory, one three-stage fuel treater, two small water storage tanks and a pumphouse, truck and rail car fuel oil unloading stations, two wastewater evaporation/percolation ponds, a 300,000-barrel wastewater tank, one fuel oil storage tank of 300,000 barrels capacity, one empty 50,000-barrel capacity tank, and one wastewater tank of 25,000-barrel capacity. Note that the equipment in the auxiliary boiler house, laboratory and fuel treater will be dismantled in 1997, but the building will remain. Connection of the generators with the electrical grid is through a substation using 230-kV lines.

HIGGINS (Three Steam and Four Combustion Turbine Units)

The A. W. Higgins Plant is a three-unit No. 6 oil and natural gas-fired steam electric generation station located in Pinellas County, 2 miles south of the city of Oldsmar. The approximately 142-acre site is on a peninsula known as Booth Point that extends into Old Tampa Bay.

Each of the three steam units has a nameplate generating capacity of 46 MW. The units went into commercial operation as follows: Unit 1 – 1951, Unit 2 – 1953, and Unit 3 – 1954. All three units use General Electric turbine generators. The three units were placed in extended cold shutdown in 1994 and retired in May 1997.

The boilers are 1,315-psi units, each rated at 450,000 lb/hr steam flow at 950°F. Units 1 and 2 were manufactured by Babcock & Wilcox and Unit 3 was manufactured by Combustion Engineering. Each unit utilizes one steel stack 174 feet high. The No. 6 fuel oil is delivered to the site by barge and the natural gas is supplied by a pipeline. Two fuel oil storage tanks are used, one 55,000 barrels capacity and one of 80,000 barrels capacity.

The turbine condenser cooling is accomplished by once-through circulation of water from Old Tampa Bay.

Other site buildings and structures include administration office and maintenance shops, circulating water pump structure, barge unloading area including pumphouse, and various small storage buildings. There are four wastewater evaporation/percolation ponds, and one spray irrigation field. Asbestos abatement is complete for the plant's boilers and associated equipment.

Also located on the Higgins site are four Worthington manufactured combustion turbines with a total nameplate generating capacity of 153.4 MW. Two Higgins Peakers were placed into commercial operation in 1969 and two went into commercial operation in late 1970 and early 1971.

Associated with the units are two fuel oil storage tanks, one of 10,000 barrels and one of 15,000 barrels capacity. Connection of the generators with the electrical grid is through a substation using seven 115-kV line connections. Higgins Peakers are treated as a separate generating station in this study.

INTERCESSION CITY (Fourteen Combustion Turbine Units)

The intercession City Peaker Plant was originally a six-unit combustion turbine facility located on a 165-acre site in Osceola County approximately 4.5 miles southwest of the town of Kissimmee.

Units P-1 through P-6 were manufactured by Pratt & Whitney and each has a nameplate generating capacity of 56.7 MW. The units went into commercial operation in 1974.

Units P-7, P-8, P-9, and P-10 were manufactured by General Electric, and each has a nameplate generating capacity of 85.4 MW. Units P-7 through P-10 began commercial operation in October 1993.

Unit P-11 was manufactured by Siemens and has a nameplate generating capacity of 147 MW. Unit P-11 began commercial operation in January 1997.

Units P-12, P-13, and P-14 were manufactured by General Electric and each has a nameplate generating capacity of 84.3 MW. These units are scheduled to begin commercial operation in December 2000.

Buildings and other structures include administration office and maintenance shop, operator control building, water treatment building, truck fuel unloading station, and three fuel oil storage tanks, all with 100,000 barrels capacity, a storeroom, a warehouse, three demineralized water storage tanks, 1.1 million gallons each, a fire pumphouse building with two 250,000-gallon storage tanks, and a small water storage tank with pumphouse. Connection of the generator with the electrical grid is through a substation using three 69-kV and two 230-kV line connections.

PORT ST. JOE (One Combustion Turbine Unit)

The Port St. Joe Peaker Station is a one-unit combustion turbine facility on a 1.43-acre site in Gulf County approximately 36 miles east southeast of Panama City.

The single unit was manufactured by General Electric and has a nameplate generating capacity of 19.3 MW. The unit went into commercial operation in 1970 and was sold and dismantled in 1997. The foundation remains in place.

Other structures on the site include a 3,600-barrel fuel oil storage tank and a truck fuel unloading station.

RIO PINAR (One Combustion Turbine Unit)

The Rio Pinar Peaker Plant is a one-unit combustion turbine facility located on a 22.16-acre site in Orange County, about 5.3 miles east of the Orlando airport.

The single unit, manufactured by General Electric, has a nameplate generating capacity of 19.3 MW and was placed into commercial operation in 1970.

Other structures on the site include a 3,571-barrel fuel oil storage tank, a truck fuel unloading station, and a small maintenance building. Connection of the generator with the electrical grid is through a substation using three 69-kV and two 230-kV line connections.

SUWANNEE (Three Steam and Three Combustion Turbine Units)

Suwannee is a three-unit No. 6 oil and natural gas-fired steam electric generating station located at Ellaville in Suwannee County. The 596-acre site is on the east bank of the Suwannee River, 1 mile downstream of the intersection with the Withlacoochee River. Unit 1 has a nameplate generating capacity of 34.5 MW and went into commercial operation in 1953. Unit 2 has a nameplate capacity of 37.5 MW and went into commercial operation in 1954. Unit 3 has a nameplate capacity of 75 MW and went into commercial operation in 1956. The Unit 1 turbine generator was manufactured by Allis Chalmers, Unit 2 by Westinghouse, and Unit 3 by General Electric.

The Unit 1 boiler, manufactured by Combustion Engineering, is rated 1,000 psi at 350,000 lb/hr steam flow with 900°F superheat temperature. Unit 2, manufactured by Babcock & Wilcox, is rated 900 psi at 350,000 lb/hr steam flow with 900°F superheat temperature. Unit 3, manufactured by Riley Stoker, is rated 1,550 psi at 600,000 lb/hr steam flow with 1,000°F superheat and 1,000°F reheat steam temperatures. Units 1 and 2 each use a single 110-foot stack. Unit 3 has a 135-foot stack. Fuel oil is delivered to the site by truck and the natural gas is supplied by a pipeline. One fuel oil storage tank is used with a capacity of 55,000 barrels and one of 81,000 barrels capacity.

The turbine condenser cooling is accomplished by once-through circulation of water from the Suwannee River.

Other site buildings and structures include administration offices and maintenance shops, circulating water pump structure, truck fuel oil unloading area including pumphouse, demineralizer building, materials warehouse, and various small storage buildings. There are three wastewater evaporation/percolation ponds. Also, there are several concrete and steel structures remaining from a research and development project that evaluated the feasibility of gasifying wood chips as a boiler fuel.

Also located on the Suwannee River site are three Pratt & Whitney manufactured combustion turbines each of 61.2 MW nameplate capacity. The "Suwannee Peaklers" were placed into commercial operation

in 1980. Associated with the Suwannee Peakers is one fuel oil storage tank of 100,000 barrels capacity. Connection of the three steam and three combustion turbine generators with the electrical grid is through a substation using six 115-kV, one 138-kV, and three 230-kV line connections. The Suwannee Peakers are treated as a separate generating station in this study.

TURNER (Four Steam and Four Combustion Turbine Units)

The George E. Turner Plant is a four-unit No. 6 oil and natural gas-fired generating station located in Volusia County in the town of Enterprise. The 126-acre site is located on the north shore of Lake Monroe. Unit 1 was retired in 1975, and Unit 2 was retired in 1991. Units 3 and 4 were placed in cold shutdown in December 1994 and retired in June 1997. Unit 1 and Unit 2 have been dismantled.

Other site buildings and structures include administration offices and maintenance shops, circulating water pump structure and discharge canal, barge and truck fuel oil unloading facilities including pumphouse, materials warehouse, and various small storage buildings. There are three wastewater evaporation/percolation ponds and a spray field.

Also located on the Turner site are four combustion turbines referred to as the Turner Peakers. Units P-1 and P-2, manufactured by General Electric, are each rated at 19.3 MW nameplate capacity and were placed into commercial operation in 1970. Units P-3 and P-4, manufactured by Westinghouse, are each rated at 71.2 MW nameplate capacity and went into service in 1974. Associated with the Turner Peakers are two fuel oil storage tanks, one of 20,000 barrels and one of 200,000 barrels capacity. Connection of the four combustion turbine generators to the electrical grid is through one 69-kV and four 115-kV line connections. The Turner Peakers are treated as a separate generating station in this study.

UNIVERSITY OF FLORIDA COGENERATION (One Combustion Turbine with a Waste Heat Recovery Boiler)

The University of Florida Cogeneration Plant began operation in late 1993 and consists of a 40-MW aircraft derivative combustion turbine with a waste heat recovery boiler at a leased site on the University of Florida campus in Alachua County. The unit is 100% owned and operated by FPC. The electrical output goes into the FPC grid and the steam produced is sold to the University.

General Electric manufactured the LM-6000 gas turbine/generator with auxiliaries. The gas turbine exhausts into a heat recovery steam generator (HRSG) of three pressure level design. The fuel for the plant is natural gas. Auxiliaries include a water treatment plant, liquid fuel supply system, compressed air system and various control systems. Connection of the generator with the electrical grid is through a substation using one 69-kV line.

SYSTEM FUEL TERMINAL AND BARTOW/ANCLOTE PIPELINE

Also known as the South Terminal at the Bartow plant, the System Fuel Terminal provides sea-going barge unloading facilities for fuel oil. The oil is off-loaded into two storage tanks of 250,000 barrels capacity each. The oil is then delivered to the Anclote plant using a 34-mile, 14-inch diameter buried pipeline.

Other facilities at the terminal include a natural gas-fired, 45,000 lb/hr Zurn package boiler, a pumping station and control room for the pipeline; a pipe cleaning "pig" launching and receiving station (another at the Anclote end of the pipeline); and a dockside office building.

HINES ENERGY COMPLEX (Combined-Cycle Plant)

The Hines Energy Complex is located on an 8,200 acre parcel of land 7 miles south of the City of Bartow in Polk County, Florida. The first phase of generating capacity, referred to as "Power Block 1", began commercial operation in April 1999. PB 1 is comprised of two Siemens-Westinghouse 501F combustion turbines and generators, two Foster-Wheeler heat recovery steam generators and one Siemens-Westinghouse steam turbine and generator. Hines PB 1 is rated at 500 MWs and the site has a potential build-out capacity of 3000 MWs. Primary fuel for the plant is natural gas with K-1 fuel oil serving as backup fuel.

Other major features for Hines PB 1 include: a 722 acre pond to the north is used for the condenser cooling circulating water system, a control services building, an electrical services building, outage maintenance building, a cooling water intake structure, and several storage tanks for fuel oil, service water, demineralized water, anhydrous ammonia and hydrogen. The three generators of PB 1 are connected to the electrical grid through a substation using three 230-kV lines.

Construction will begin during first quarter 2001 on Power Block 2, to be located just west of PB 1. The commercial operation of PB 2 is planned for November 2003. PB 2 will be rated at 530 MWs and of similar design to PB 1 with the major components also supplied by Siemens-Westinghouse. The existing PB 1 control services building and the cooling water intake structure will be expanded to accommodate PB 2. A fourth 230-kV line will be added between the site substation and the electrical grid. The existing 722-acre cooling pond will be adequate to serve PB 1 and PB 2.

TIGER BAY (Combined-Cycle Cogeneration Plant)

Tiger Bay is a 220-MV combined-cycle cogeneration plant located just west of Forte Meade, on south side of Highway 630 in Polk County, Florida. The plant is located on 3 acres of land leased from the steam host, U.S. Agri-Chemicals and entered commercial operation in January 1995. Florida Power has owned and operated Tiger Bay Plant since September 1997.

Tiger Bay uses a General Electric Frame 7FA combustion turbine and generator, a Deltec heat recover steam generator and a General Electric non-reheat steam turbine and generator. The plant receives makeup water from and returns wastewater to the steam host. The circulating water system serving the steam turbine condenser uses a mechanical draft cooling tower. The plant is fueled exclusively by natural gas.

Plant buildings include: administration and shop building, a control services building and a warehouse. Storage tanks include: raw/fire water, condensate, polished water, waste water, waste water surge, sulfuric acid and hydrogen. Connection of the plant generators with the electrical grid is through a substation using two 230-kV lines.

Section 6

METHODOLOGY FOR PERFORMING SCOPE

Sargent & Lundy and USDC performed a detailed site evaluation and analysis for each plant in the scope of the project. Initial meetings to discuss the necessary format, information required and available, and assumptions to be incorporated, were held in the Chicago offices and also with FPC at their home office.

Sargent & Lundy and USDC were provided with all applicable drawings for each site, including general arrangements, aerial photographs and site plans, where available. In addition, property record books were submitted by FPC for most of the plants. These books included detailed accounting listings of most assets including installed quantities of material, major and minor equipment, site improvements, and descriptions of structures and improvements.

From these record books, site walkdown forms were created for the purpose of being a check-off list and notepad during each site visit. Because most books were created during or immediately after unit construction, it was generally the case that additions and/or deletions have occurred over the years. A number of structures or pieces of equipment were found to be previously demolished while some structures had been added or had extensions built. Thus, the walkdown sheets were then updated to reflect any and all additions or deletions to the site. In addition, photographs taken during the site visits were used for reference.

All sites, except Port St. Joe, were visited by S&L and USDC personnel during the months of April and May 1993. Port St. Joe was not visited due to its remote location, its small size, and its similarity to the Rio Pinar Peaker site. In 1997 S&L visited Tiger Bay and Intercession City. In 2000, S&L revisited Intercession City and Hines Energy Complex.

Along with the site inspections, all drawings sent by FPC were studied and a quantity take-off was performed for such improvements as site work, foundation areas, structures, and ponds. Drawings and photographs were again used to interpret the property record books and to verify structures that were added or demolished before this study. Where drawings were not available, general dimensions were estimated by the field inspectors along with an estimate of material to be demolished or to fill an area.

System equipment weights were determined using the S&L database and information obtained from the vendors.

For all site visits and drawing reviews, the original walkdown sheets were updated to incorporate any changes and notes concerning building material, location, purpose of structure, and whether the improvement is to remain in place or be demolished. This was the final step of information gathering before the pricing of demolition tasks could be performed.

In 1997, S&L updated the costs to 1997 and revised the estimate scopes based on changes that occurred between 1993 and 1997. In 1996 and 1997, Avon Park was demolished and the information gained was incorporated into this updated 1997 report.

In 2000, S&L updated the cost estimate using 2000 pricing and revised the estimate scopes based on the changes that occurred between 1997 and 2000.

Section 7

DISMANTLING APPROACH AND SEQUENCE

The approach applied throughout this study was to maximize efficiency through the proper mix of manpower and equipment, and to minimize external costs such as hauling and landfilling by separation of materials.

The labor crew rates and scrap market conditions were derived from actual experience performing similar work for Orlando Utilities Commission completed in April 1993 and updated to 1997.

Following any asbestos abatement, equipment removal and demolition will be performed by heavy equipment specially adapted to withstand the rigors of this type of work. The major pieces of equipment will include crawler boom cranes equipped with wrecking ball and clamshell bucket; track loaders with safety cage, Peterson demolition bucket and pole; hydraulic excavators with shovel, grapple, and specialty attachments; mobile shear machinery; rough terrain forklifts; hydraulic cherry pickers; and skid steel loaders with grapple and solid tires.

Local trucking will be used rather than fleet relocation.

Backfill, earthmoving and compaction will be performed by the same equipment used for wrecking.

A brief outline of the dismantling sequence is as follows:

1. Identify, isolate, and terminate all services and utilities into and out from the site.
2. Provide basic services to perform work:
 - Electric lighting and power for construction
 - Potable water
 - Sanitary facilities
 - Communications

3. Survey equipment systems and ascertain that no fuels remain.
 - Coal has been removed from storage, conveyors, hoppers, and feed chutes.
 - Fuel oils have been drained and purged from tanks, piping and pumping equipment.
 - Natural gas lines have been terminated by the utility supplier, and piping is vented.
 - Sludges and residues have been removed. Equipment has been cleaned.

4. Remove:
 - Rubbish, tenant debris
 - Solvents, lubricants
 - Abated asbestos
 - Flyash, bottom ash
 - Contaminated soils

5. Recover materials for recycling
 - Glass
 - Paper
 - Cardboard
 - Plastics
 - Metals

6. Separate metals (e.g., file cabinets, shelves, partitions, machinery, steel, and copper)

7. Demolish:
 - Boiler room equipment and piping
 - Turbine room equipment and piping

- Remove roofing and siding
 - Stacks and chimneys
 - Boiler room structure (trusses, columns, beams, floors, grating, platforms, stairways)
 - Turbine room structure (trusses, columns, beams, floors, grating, platforms, stairways)
 - Separate clean solid rubble and backfill below-grade voids
 - Outlying structures
8. Remediate any contaminated soils found during demolition.
 9. Grade and contour to match surrounding terrain.
 10. Landscape with grass seed.

Section 8

COST BASIS

U.S. Dismantlement Corporation developed pricing specifically for the FPC sites. This included material costs, scrap values, wage rates, and man-hour rates to perform the work. This information has been updated to 2000.

Reference publications, such as those published by Walker's or R.S. Means that provide unit price data for demolition work, are somewhat limited in that each addresses selective removal for residential, commercial, and public works type projects rather than heavy industrial construction. Sargent & Lundy's experience has indicated a wide variance in pricing power plant demolition projects due to the following considerations:

- There is no standard work specification for demolition of power plants. Each utility prepares its own unique contract with a particular set of constraints (e.g., use of explosives, protection of adjacent facilities, scheduling parameters, and revenue sharing).
- Bids for demolition work are often quoted as net costs, which might not reveal internal contractor credits for scrap metals and equipment salvage.
- Contracts are stated as lump sum amounts, and sometimes become convoluted with environmental remediation costs.
- Each site is unique in its design, historical maintenance and location.
- The most stringent environmental requirements must be adhered to, and are often the most restrictive at the local level.

Other factors that affect the costs to perform the work and that vary from one site to another include the following:

- Transportation infrastructure: Roadway conditions, rail service, waterway access.
- Proximity to intermediate processors and end users: Scrap yards, material recovery facilities, sanitary landfills, construction and demolition debris landfills, industrial waste treatment and disposal services.

- Asbestos insulation quantities.
- Contaminated soil quantities.
- Unidentified oils, lubricants, solvents, and chemicals.
- Below-grade structures relative to the finish grade elevation.

For these reasons, the pricing used in these cost estimates reflects existing site conditions rather than published manual cost standards.

The cost estimates for this study included the following bases:

- **Scrap Value (Including transportation to processors)**

Steel Scrap Value = \$40/ton

Nonferrous Scrap Value = \$.50/lb

- **Labor Wage Rates.** Labor rates are based on local union base wages. These rates include wages, fringes, on-site transportation, disposal, insurance costs, overhead, and profit. Employer's burden utilizes the Florida workmen's compensation rate for risk category 5057 for wrecking.
- **Labor Crews.** Crew mixes were developed by USDC for this type of work.
- **Productivity.** Productivity was developed by USDC based on their experience in the Florida area for this type of work.
- **Project Schedule.** Demolition activities will take approximately three months for the Crystal River Fish Hatchery and Port St. Joe; 6 months for the Avon Park and Rio Pinar peakers; 1 year for Bayboro, Debarry, Higgins, Intercession City, Suwannee, Hines Energy Center, Tiger Bay, and the University of Florida Cogeneration site, as well as the Crystal River Helper Cooling Towers, Crystal River site Common, System Fuel Terminal, and Bartow/Anclote Pipeline; 2 years for the Anclote, Bartow, Crystal River North, Crystal River South, and Turner sites.

-
- **Indirect and Overhead Expenses.** The following FPC indirect and overhead expenses have been applied to the direct cost estimate of dismantling. Also given is the range each item has in the cost estimates.

These costs were developed as a basis for the indirects and overheads to be applied to each direct dismantling cost estimate. Adjustments to the indirects and overheads reflect engineering judgment as to the existing site conditions and expected project schedules. An example adjustment would be to reduce the amount of FPC supervision required on site while asbestos abatement activities are ongoing due to the lack of dismantling activity during that period. The indirects and overheads used for each site are detailed in the cost reports in the appendixes of this report.

- **FPC Engineering Allocation:** \$86,000 per man-year. Ranges \$11,000 to \$173,000.
- **Temporary Construction Services:** Includes trailers, phone service, sanitary facilities, temporary personnel, minor contracts and interfaces with agencies, silt screening where waterways exist, corrosion protection, air sampling, spill containments, electricity, and water, as appropriate. Ranges \$16,000 to \$270,000.
- **FPC Supervision:** \$108,000 per man-year. Ranges \$26,000 to \$216,000.
- **Security Services:** \$70,000 per man-year. Ranges \$0 to \$280,000.
- **A/E Engineering, Direct (and records close-out):** \$81,000 per man-year. Ranges \$0 to \$162,000.
- **Permits:** \$10,000 for permits per dismantling activity plus 100 man-hours at \$65 per man-hour. Ranges \$6,500 to \$17,000.
- **Administrative and General Overhead:** 0.5% of direct dismantling cost.
- **Wrap-up and All-Risk Insurance:** 0.07% of the direct dismantling cost.

- **Escalation Rates.** Allowances for future escalation are not included in the cost estimates. Florida Power Corporation accounting will perform calculations to provide “year of demolition costs.” Cost estimates are based on a January 1, 2000 price level.
- **Sales/Use Taxes.** Sales and use taxes have not been included in this report.
- **Contingency.** Contingency has been included in each estimate as a percentage based on the following provisions:

Price Variation – 5%

Scope Omission – 10%

Using this information, the cost estimate reports were created using S&L’s Integrated Cost Estimating and Monitoring System (ICEMS). These estimates include both summaries and details for each type of work to be performed, along with indirect expenses, contractor’s expenses, and contingencies.

Section 9
COST ESTIMATES

COST REPORTS

The final cost reports are given for each station as Appendixes A through T. Each station estimate includes the following parts:

1. **Cost Summary Report.** Provides individual cost reports for each station and gives the total direct construction cost for each steam unit, peaker, and common facilities. In addition, the total indirects and contingencies for the whole station are given.
2. **Work Package Summary.** This report summarizes the costs associated with asbestos abatement; off-site disposal; indirect costs; demolition of metals; recovery of scrap value; site work; and demolition of solids (such as concrete and masonry).
3. **FERC Accounts Summary.** The FERC Account Summary is derived from the detailed cost estimates and is summarized by the FERC account for each station. Indirect costs are designated as "IND". This summary does not provide a unit-by-unit total as in the first summary, but rather by the FERC account.
4. **FERC Accounts Details.** Lists the detailed database of individual dismantlement activities sorted by FERC account and by major station components.
5. **Erection Crew Man-Hours.** Summarizes man-hours by crews performing demolition.
6. **Material Quantities.** Summarizes material quantities for such items as concrete, steel, and pavement. Also provides values of materials, negative for scrap metal, positive for site seeding.

NUMBERING SYSTEM

The cost estimate accounting numbering system is primarily based on the FERC system adjusted for the multi-unit stations. Cost summary report from the estimates are "roll-ups" of the detailed cost estimates.

The cost Summary Accounts are numbered according to the following scheme:

- 131 to 531 All costs associated with each unit. The first number represents the unit number (e.g., 131 is Unit 1, 531 is Common Facilities). This roll-up includes the FERC Accounts 311 (Structures & Improvements), 312 (Boiler Plant), 314 (Turbine Plant), 315 (Accessory Electrical Equipment), 316 (Misc. Plant Equipment). Scrap Value is included with each respective item as the "negative" material value.
- 600 The 600 accounts are only for Peakers and the Peaker Common Facilities and are roll-ups of their respective FERC accounts 341 through 346 (similar to steam accounts in description).
- 731 731 accounts include all off-site disposal costs for demolished materials and equipment.
- 900 900 accounts include FPC indirect expenses.

- FERC Accounts Summary - ###.U

- denotes FERC roll-up

U - denotes major station facility (e.g., "1" for Unit or "P" for peakers)

- FERC Accounts Details - U###.A

U - denotes major station facility

- denotes FERC account

A - denotes different systems

- Erection Crew Man-Hours – each crew code denotes the following:

DASH – haul and dispose off-site – ash

DDBR – haul and dispose off-site – debris

DSLQ – haul and dispose off-site – sludge

WBLR – wreck – boiler

WCON – wreck – concrete

WEQP – wreck – equipment

WMSR – wreck – masonry

WROF – wreck – roofing

WSIT – wreck – sitework

WSTL – wreck – structural steel

- Material Quantities – each material code denotes the following:

BLDG – building

CF – Cubic Feet

CONC – concrete

CY – Cubic Yard

CURB – curbs

LF – Linear Feet

DISP – off-site disposal

CY

EXC – excavate

CY

FILL – backfill

CY

GALL – galleries

SF – Square Feet

MSEY – masonry walls

SF

MTL – metals

TN - Ton

PVMT – pavement

SY – Square Yard

ROOF – roof

SF

SCPM – scrap metal

TN

SCRC – scrap copper

LB - Pound

SEED – seeding

AC - Acre

TRNS – transite wall

SF

VOID – on-site disposal

CY

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2

SARGENT & LUNDY

ESTIMATE NO. 16412C
PROJECT NO. 9991-003
May 15, 2000

REVIEWED BY:

APPROVED BY:

[Handwritten signature]
[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	25

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16412C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-962,000	3,551,000	2,589,000
231	UNIT # 2		-871,000	3,126,000	2,255,000
531	COMMON FACILITIES		-99,000	2,877,000	2,778,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			2,285,000	2,285,000
	TOTAL CONSTRUCTION COSTS		-1,932,000	11,839,000	9,907,000
	INDIRECT EXPENSES				1,174,800
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,662,000
	TOTAL PROJECT COST				12,743,800
	AFUDC				
	GRAND TOTAL COST				12,743,800

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16412C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			800,000	800,000
DSL	OFF-SITE DISPOSAL			2,285,000	2,285,000
IND	INDIRECT COSTS			1,174,800	1,174,800
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			4,237,000	4,237,000
SCR	SCRAP VALUE		-2,019,000		-2,019,000
SIT	SITE WORK		87,000	1,654,000	1,741,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			2,863,000	2,863,000
TOTAL CONSTRUCTION COSTS			-1,932,000	13,013,800	11,081,800
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					1,662,000
TOTAL PROJECT COST					12,743,800
AFUDC					
GRAND TOTAL COST					12,743,800

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

F E R C A C C O U N T S S U M M A R Y

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16412C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-231,000	545,000	314,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-233,000	473,000	240,000
311.C	COMMON SITE FACILITIES		87,000	4,670,000	4,757,000
312.1	UNIT 1 - BOILER PLANT		-465,000	1,840,000	1,375,000
312.2	UNIT 2 - BOILER PLANT		-458,000	1,557,000	1,099,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-157,000	475,000	318,000
314.1	UNIT 1 - TURBINE PLANT		-99,000	1,008,000	909,000
314.2	UNIT 2 - TURBINE PLANT		-99,000	1,001,000	902,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-150,000	89,000	-61,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-64,000	39,000	-25,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-29,000	17,000	-12,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-17,000	69,000	52,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-17,000	56,000	39,000
IND	INDIRECT EXPENSES			1,174,800	1,174,800
	TOTAL CONSTRUCTION COSTS		-1,932,000	13,013,800	11,081,800

Sargent & Lundy
Chicago

FERC ACCOUNTS DETAILS

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 4
Estimate No: 16412C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15MAY00

Price level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST	
131		UNIT # 1											
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS											
1311.A		MAIN POWER BLOCK DEMOLITION (4,195,955 CF)											
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	1608	CY			CONC	0.844	1357	50.68 WCON	69,000	69,000	
1311.A2		WALLS											
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	5400	SF				0.008	43	50.88 WMSR	2,000	2,000	
1311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	107000	SF				0.005	535	50.88 WMSR	27,000	27,000	
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	914	CY			CONC	0.599	547	50.68 WCON	28,000	28,000	
1311.A4		STRUCTURAL AND GALLERY STEEL											
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	5770	TN	-40.00		MTL	-231,000	1.016	5862	44.84 WSTL	263,000	32,000
1311.A42	--- MTL	GALLERY GRATING	55000	SF									
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF											
1311.A51	--- SLD	BOILER ROOM	17870	SF				0.011	197	55.80 WROF	11,000	11,000	
1311.A52	--- SLD	TURBINE ROOM	17819	SF				0.011	196	55.80 WROF	11,000	11,000	
1311.A53	--- SLD	CONTROL HOUSE											
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA											
1311.A55	--- SLD	AIR HEATER RM, MISC.	4810	SF				0.011	53	55.80 WROF	3,000	3,000	

F E R C A C C O U N T S D E T A I L S

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST		
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA				133.875	134	45.40 WEQP	6,000	6,000		
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				450.000	450	45.40 WEQP	20,000	20,000		
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				2319	2319	45.40 WEQP	105,000	105,000		
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	23	EA				INCL. ACCT. 1311.A8						
1311.A82	--- MTL	FIXTURES	9605	EA				INCL. ACCT. 1311.A8						
1311.A83	--- MTL	MISC. ELECTRICAL	1	LS				INCL. ACCT. 1311.A8						
1311.A9	--- ASB -	DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL												
1311.A91	--- ASB	TRANSITE WALL						N/A						
1311.A92	--- ASB	TRANSITE SEWER PIPE						N/A						
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A						
TOTAL 311.1														
											-231,000	11,693	545,000	314,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR			WAGE RATE
231		UNIT # 2									
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
2311.A		MAIN POWER BLOCK DEMOLITION (4,024,790 CF)									
2311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	1725 CY		CONC		0.844	1456	50.68 WCON	74,000	74,000
2311.A2		WALLS									
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	13196 SF				0.008	106	50.88 WMSR	5,000	5,000
2311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	99724 SF				0.005	499	50.88 WMSR	25,000	25,000
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	250 CY		CONC		0.599	150	50.68 WCON	8,000	8,000
2311.A4		STRUCTURAL AND GALLERY STEEL									
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	5815 TN	-40.00 MTL		-233,000	1.016	5908	44.84 WSTL	265,000	32,000
2311.A42	--- MTL	GALLERY GRATING	48439 SF				INCL. ACCT.		2311.A4 WSTL		
2311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF							WROF		
2311.A51	--- SLD	BOILER ROOM	15640 SF				0.011	172	55.80 WROF	10,000	10,000
2311.A52	--- SLD	TURBINE ROOM	23780 SF				0.011	262	55.80 WROF	15,000	15,000
2311.A53	--- SLD	CONTROL HOUSE					INCL. ACCT.		1311		
2311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA					INCL. ACCT.		1311		
2311.A55	--- SLD	AIR HEATER RM, MISC.	4806 SF				0.011	53	55.80 WROF	3,000	3,000
2311.A6	--- MTL	M/BLDG ELEVATOR	2 EA				75.000	150	45.40 WEQP	7,000	7,000
2311.A7	--- MTL	M/BLDG HVAC	1 LS				450.000	450	45.40 WEQP	20,000	20,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				892.500	893	45.40 WEP	41,000	41,000
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	11	EA				INCL. ACCT. 2311.A8				
2311.A82	--- MTL	FIXTURES	1512	EA				INCL. ACCT. 2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS				INCL. ACCT. 2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A91	--- ASB	TRANSITE WALL						N/A		WMSR		
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A		WMSR		
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A		WMSR		
TOTAL 311.2								-233,000	10,099		473,000	240,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR
131		UNIT # 1								
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
1311.B		OUTLYING STRUCTURES DEMOLITION							INCL. ACCT. 5311	
1311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							INCL. ACCT. 5311	
231		UNIT # 2								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.B		OUTLYING STRUCTURES DEMOLITION							INCL. ACCT. 5311	
2311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							INCL. ACCT. 5311	
531		COMMON FACILITIES								
5311		COMMON FACILITIES								
5311.A		SITE EXCAVATION								
5311.A1	---	ASH POND EXCAVATE 2' DEEP		CY					N/A	
	SIT									
5311.A2	---	PERC. PONS - 2 EA, 3.7 AC	30000	CY					INCL. ACCT. 7311.C82	
	SIT	EXCAVATE SLUDGE & CONTAMINATED SOIL -				EXC				
5311.A3	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	20000	CY					INCL. ACCT. 7311.C82	
	SIT					EXC				
5311.A4	---	BERMS AND DIKES EXCAVATION	27000	CY			0.060	1620	67.15	109,000
	SIT					EXC			WSIT	109,000
5311.A5	---	BORROW EXCAVATION	183000	CY			0.060	10980	67.15	737,000
	SIT					EXC			WSIT	737,000
5311.A6	---	FILL								INCL. ACCT. 5311.C8, C9
	SIT									
5311.B		OUTLYING STRUCTURES DEMOLITION								
5311.B1	---	WAREHOUSES AND STOREROOMS	432000	CF			0.004	1728	50.88	88,000
	SLD					BLDG			WMSR	88,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.B2	---	GUARDHOUSE										
	SLD											
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	---	CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE BLOCK BUILDING	38000	CF				0.004	152	50.88	8,000	8,000
	SLD					BLDG				WMSR		
5311.B42	---	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	275000	CF				0.006	1650	50.88	84,000	84,000
	SLD					BLDG				WMSR		
5311.B43	---	FUEL OIL PUMPHSE - STEEL FRAME /CONCRETE BLOCK BUILDING	20000	CF				0.006	120	50.88	6,000	6,000
	SLD					BLDG				WMSR		
5311.B44	---	SW. GEAR BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	36000	CF				0.006	216	50.88	11,000	11,000
	SLD					BLDG				WMSR		
5311.B45	---	MISCELLANEOUS SMALL SIZE BUILDINGS	136000	CF				0.006	816	50.88	42,000	42,000
	SLD					BLDG				WMSR		
5311.B5	---	MISCELLANEOUS EQUIPMENT PADS AND SITE FOUNDATIONS	1750	CY				1.125	1969	50.68	100,000	100,000
	SLD					CONC				WCON		
5311.B6	---	TANK FOUNDATIONS & CONCRETE BERMS	950	CY				0.563	535	50.68	27,000	27,000
	SLD					CONC				WCON		
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION										
5311.C1	---	R/R TRACKS										
	MTL											
5311.C2		ROADS & PAVEMENTS										
5311.C21	---	PAVED SURFACES	39700	SY				0.120	4764	67.15	320,000	320,000
	SLD					PVMT				WSIT		
5311.C22	---	CONCRETE WALKWAYS	250	CY				0.525	131	50.68	7,000	7,000
	SLD					CONC				WCON		
5311.C23	---	CONCRETE CURBS	3300	LF				0.012	40	67.15	3,000	3,000
	SLD									WSIT		
5311.C3	---	FENCES AND GATES	11638	LF								
	MTL											
5311.C4		YARD DRAINAGE	1	LS								
5311.C5		FIRE LINES & HYDRANTS										

INCL. ACCT.5311.B45

NONE ON-SITE

REMAIN IN PLACE

ABANDON IN PLACE

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST			
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	210000	CY		FILL		0.050	10500	67.15 WSIT	705,000	705,000			
5311.C92	SIT SIT	SEED & MULCH SITE	65	AC	1000.00 SEED		65,000	19.275	1253	67.15 WSIT	84,000	149,000			
5314		DISCHARGE FLUME ON COOLING TOWERS	670	CY		CONC		INCL	1314,2314	.C51					
731		OFF-SITE DISPOSAL													
7311.C82		OFF-SITE DISPOSAL													
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE						N/A		DASH					
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	50000	CY		DISP		0.433	21650	104.87 DSLG	2,270,000	2,270,000			
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL						N/A							
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY		DISP		0.090	135	109.45 DDBR	15,000	15,000			
TOTAL 311.C												87,000	58,897	4,670,000	4,757,000

F E R C A C C O U N T S D E T A I L S

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
131		UNIT # 1									
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
1311.A		MAIN POWER BLOCK DEMOLITION (4,195,955 CF)									
1311.A9		DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL									
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS						400,000	400,000	
1312		BOILER PLANT									
1312.A	SCR MTL	BOILER AND APPURTENANCES	10000 TN	-40.00 MTL		-400,000	2.025	20250	48.30 WBLR	978,000	578,000
1312.B		DRAFT EQUIPMENT									
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	400 TN	-40.00 MTL		-16,000	2.672	1069	45.40 WEQP	49,000	33,000
1312.B2	--- MTL	PRECIPITATOR						N/A			
1312.B3		ID, FD FANS & MOTORS									
1312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 500'H	4400 CY		CONC		0.844	3714	50.68 WCON	188,000	188,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE), AND PEDESTALS FOR DRAFT EQUIPMENT	2045 CY		CONC		1.080	2209	50.68 WCON	112,000	112,000
1312.C		FEED WATER SYSTEM									
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150 TN	-40.00 MTL		-6,000	2.025	304	45.40 WEQP	14,000	8,000
1312.C2		CONDENSATE TANKS									
1312.D		WATER TREATMENT SYSTEM									
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	170 TN	-40.00 MTL		-7,000	2.025	344	45.40 WEQP	16,000	9,000
1312.F		FUEL OIL EQUIPMENT									

INCL. ACCT. 5312.F

F E R C A C C O U N T S D E T A I L S

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	900	TN	-40.00 MTL		-36,000	2.025	1823	45.40 WEQP	83,000	47,000
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				INCL. ACCT. 1311.A94				
TOTAL 312.1							-465,000		29,713		1,840,000	1,375,000

F E R C A C C O U N T S D E T A I L S

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHRS			WAGE RATE
231		UNIT # 2								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.A		MAIN POWER BLOCK DEMOLITION (4,024,790 CF)								
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS					400,000	400,000	
2312		BOILER PLANT								
2312.A	SCR MTL	BOILER AND APPURTENANCES	10000 TN	-40.00 MTL		-400,000	2.025 20250	48.30 WBLR	978,000	578,000
2312.B		DRAFT EQUIPMENT								
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	400 TN	-40.00 MTL		-16,000	2.672 1069	45.40 WEQP	49,000	33,000
2312.B2	--- MTL	PRECIPITATOR					N/A			
2312.B3		ID, FD FANS & MOTORS					INCL. ACCT. 2312.A			
2312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 500'H					INCL. ACCT. 1312.B4			
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	600 CY		CONC		1.080 648	50.68 WCON	33,000	33,000
2312.C		FEED WATER SYSTEM								
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150 TN	-40.00 MTL		-6,000	2.025 304	45.40 WEQP	14,000	8,000
2312.C2		CONDENSATE TANKS					INCL. ACCT. 2316			
2312.D		WATER TREATMENT SYSTEM								
2312.D1	--- MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT					INCL. ACCT. 1312.D			
2312.F		FUEL OIL EQUIPMENT					INCL. ACCT. 5312.F			
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	900 TN	-40.00 MTL		-36,000	2.025 1823	45.40 WEQP	83,000	47,000

F E R C A C C O U N T S D E T A I L S

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE	WAGE RATE		LABOR COST
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS								
											INCL. ACCT. 2311.A94	
TOTAL 312.2							-458,000		24,094		1,557,000	1,099,000

F E R C A C C O U N T S D E T A I L S

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
531		COMMON FACILITIES										
5312.F		FUEL OIL EQUIPMENT										
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 2 EA @ 259,000 BBL	3240	TN	-40.00 MTL		-130,000	2.672	8657	45.40 WEQP	393,000	263,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.672	187	45.40 WEQP	8,000	5,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS							INCL. ACCT. 5311.B6			
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	610	TN	-40.00 MTL		-24,000	2.672	1630	45.40 WEQP	74,000	50,000
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
5312.M1	--- MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT							N/A			
5312.M2	--- MTL	BUILDINGS AND TOWERS							N/A			
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)							N/A			
		TOTAL 312.C					-157,000		10,474		475,000	318,000

F E R C A C C O U N T S D E T A I L S

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST		
131		UNIT # 1												
1314		TURBINE PLANT												
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES												
1314.B1	SCR MTL	TURBINE GENERATOR	1705	TN	-40.00 MTL		-68,000	2.025	3453	45.40 WEQP	157,000	89,000		
1314.B2	SCR MTL	CONDENSER	380	TN	-40.00 MTL		-15,000	2.025	770	45.40 WEQP	35,000	20,000		
1314.B3	--- SLD	TURBINE PEDESTAL	4200	CY				1.800	7560	50.68 WCON	383,000	383,000		
1314.B4		TURBINE PLANT PIPING AND HANGERS								INCL. ACCT. 1312.G				
1314.C		CIRCULATING WATER SYSTEM												
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	400	TN	-40.00 MTL		-16,000	2.025	810	45.40 WEQP	37,000	21,000		
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	50.68 WCON	41,000	41,000		
1314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 1314.C1				
1314.C4	--- MTL	50 TON GANTRY CRANE	1	EA				150.000	150	45.40 WEQP	7,000	7,000		
1314.C5		MECHANICAL DRAFT COOLING WATER TOWER												
1314.C51	--- SLD	ZURN COOLING TOWER 219'DIA.	1	EA				6872	6872	50.68 WCON	348,000	348,000		
1314.C52	--- SLD	FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	2320	CY						INCL. ACCT. 1314.C51 WCON				
TOTAL 314.1											-99,000	20,418	1,008,000	909,000

F E R C A C C O U N T S D E T A I L S

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1705	TN	-40.00 MTL		-68,000	2.025 3453	45.40 WEQP	157,000	89,000	
2314.B2	SCR MTL	CONDENSER	380	TN	-40.00 MTL		-15,000	2.025 770	45.40 WEQP	35,000	20,000	
2314.B3	--- SLD	TURBINE PEDESTAL	4200	CY		CONC		1.800 7560	50.68 WCON	383,000	383,000	
2314.B4		TURBINE PLANT PIPING AND HANGERS						INCL. ACCT. 2312.G				
2314.C		CIRCULATING WATER SYSTEM										
2314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	400	TN	-40.00 MTL		-16,000	2.025 810	45.40 WEQP	37,000	21,000	
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500 803	50.68 WCON	41,000	41,000	
2314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 2314.C1				
2314.C4	--- MTL	50 TON GANTRY CRANE						INCL. ACCT. 1314.C4				
2314.C5		MECHANICAL DRAFT COOLING WATER TOWER										
2314.C51	--- SLD	ZURN COOLING TOWER 219'DIA.	1	EA				6872 6872	50.68 WCON	348,000	348,000	
2314.C52	--- SLD	FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	2320	CY		CONC		INCL. ACCT. 1314.C51		WCON		
TOTAL 314.2							-99,000		20,268		1,001,000	902,000

F E R C A C C O U N T S D E T A I L S

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	616	TN	-40.00 MTL		-25,000	2.672	1646	45.40 WEQP	75,000	50,000
1315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, PIERS, CURBS, BASIN	250	CY		CONC		1.080	270	50.68 WCON	14,000	14,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	250000	LB	-0.50 SCRC		-125,000					-125,000
		TOTAL 315.1					-150,000		1,916		89,000	-61,000

F E R C A C C O U N T S D E T A I L S

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	281	TN	-40.00 MTL		-11,000	2.672	751	45.40 WEQP	34,000	23,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	100	CY		CONC		1.080	108	50.68 WCON	5,000	5,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	106000	LB	-0.50 SCRC		-53,000					-53,000
		TOTAL 315.2					-64,000		859		39,000	-25,000

F E R C A C C O U N T S D E T A I L S

315.C: COMMON - ACCESSORY ELECTRICAL
 EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST						
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST			
531		COMMON FACILITIES												
5315		ACCESSORY ELECTRICAL EQUIPMENT												
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.672 267	45.40 WEQP	12,000	8,000				
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C							
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	100 CY		CONC		1.080 108	50.68 WCON	5,000	5,000				
5317		SCRAP VALUE												
5317.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000				-25,000				
TOTAL 315.C											-29,000	375	17,000	-12,000

F E R C A C C O U N T S D E T A I L S

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
131		UNIT # 1									
1316		MISCELLANEOUS POWER PLANT EQUIPMENT									
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	385	TN	-40.00 MTL		-15,000	2.025 780	45.40 WEQP	35,000	20,000
1316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-40.00 MTL		-2,000	2.672 134	45.40 WEQP	6,000	4,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 100/20 TON	1	EA				267.188 267	44.84 WSTL	12,000	12,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125 28	44.84 WSTL	1,000	1,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				337.500 338	45.40 WEQP	15,000	15,000
		TOTAL 316.1					-17,000		1,547	69,000	52,000

F E R C A C C O U N T S D E T A I L S

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE
231		UNIT # 2								
2316		MISCELLANEOUS POWER PLANT EQUIPMENT								
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	385 TN	-40.00 MTL		-15,000	2.025 780	45.40 WEQP	35,000	20,000
2316.B	SCR MTL	MISC. SMALL TANKS	50 TN	-40.00 MTL		-2,000	2.672 134	45.40 WEQP	6,000	4,000
2316.C		TURBINE ROOM O.H. CRANE 100/20 TON					INCL. ACCT. 1316.C	1316.C WSTL		
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1 LT				337.500 338	45.40 WEQP	15,000	15,000
TOTAL 316.2						-17,000		1,252	56,000	39,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	WAGE RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				173,000	173,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				49,000	49,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				270,000	270,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				6,500	6,500
	IND								
900.15	---	FPC SUPERVISION	1	LS				216,000	216,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				281,000	281,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				162,000	162,000
	IND								
900.18	---	PERMITS	1	LS				17,300	17,300
	IND								
		TOTAL IND						1,174,800	1,174,800

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 25
Estimate No: 16412C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	0	0
DDBR	135	15,000
DSLQ	21,650	2,270,000
WBLR	40,500	1,956,000
WCON	44,197	2,241,000
WEQP	36,990	1,680,000
WMSR	5,865	298,000
WROF	933	53,000
WSIT	29,270	1,966,000
WSTL	12,065	541,000
TOTAL	191,605	11,020,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	937,000	CF	0
CONC	28,852	CY	0
DISP	51,500	CY	0
EXC	260,000	CY	0
FILL	210,000	CY	0
MTL	45,412	TN	-1,816,000
PVMT	39,700	SY	0
SCRC	406,000	LB	-203,000
SCRM	45,215	TN	0
SEED	65	AC	65,000
VOID	442,700	CY	0
TOTAL			-1,954,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS

SARGENT & LUNDY

ESTIMATE NO. 16413D
PROJECT NO. 9991-003
May 15, 2000

REVIEWED BY:

J.A. Guy for J. Kotter

APPROVED BY:

A. C. [Signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	13

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16413D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1				PREVIOUSLY DEMOLISED
231	UNIT # 2				PREVIOUSLY DEMOLISHD
531	COMMON FACILITIES UNIT 1 & 2				PREVIOUSLY DEMOLISHD
610	STATION PEAKERS 1-2		-39,000	127,000	88,000
631	STATION PEAKERS COMMON FACILITIES		-4,000	75,000	71,000
731	OFF-SITE DISPOSAL			10,000	10,000
	TOTAL CONSTRUCTION COSTS		-43,000	212,000	169,000
	INDIRECT EXPENSES				263,100
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				65,000
	TOTAL PROJECT COST AFUDC				497,100
	GRAND TOTAL COST				497,100

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 164130
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			10,000	10,000
IND	INDIRECT COSTS			263,100	263,100
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			111,000	111,000
SCR	SCRAP VALUE		-44,000		-44,000
SIT	SITE WORK		1,000	6,000	7,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			85,000	85,000
TOTAL CONSTRUCTION COSTS			-43,000	475,100	432,100
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					65,000
TOTAL PROJECT COST					497,100
AFUDC					
GRAND TOTAL COST					497,100

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

F E R C A C C O U N T S S U M M A R Y

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16413D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 15MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS				
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS				
311.C	COMMON SITE FACILITIES			10,000	10,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		1,000	59,000	60,000
341.P	PEAKERS 1-2 - STRUCTURES AND IMPROVEMENTS			32,000	32,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-5,000	16,000	11,000
344.P	PEAKERS 1-2 - GAS TURBINE PLANT		-18,000	71,000	53,000
345.P	PEAKERS 1-2 - ACCESSORY ELECTRICAL EQUIPMENT		-21,000	24,000	3,000
IND	INDIRECT EXPENSES			263,100	263,100
	TOTAL CONSTRUCTION COSTS		-43,000	475,100	432,100

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE
531		COMMON FACILITIES UNIT 1 & 2							PREVIOUSLY DEMOLISHD	
731		OFF-SITE DISPOSAL								
7311.C82		OFF-SITE DISPOSAL								
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE					N/A	DASH		
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1000	CY			0.090	90 109.45 DDBR	10,000	10,000
		TOTAL 311.C						90	10,000	10,000

F E R C A C C O U N T S D E T A I L S

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
631		STATION PEAKERS COMMON FACILITIES									
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION									
6311.1		COMB. TURBINE STRUCTURE DEMOLITION						INCL. ACCT. 610			
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION									
6311.21		SITE EXCAVATION						INCL. ACCT. 5311			
6311.22		ROADS & PAVEMENTS									
6311.221	---	PAVED SURFACES	1350	SY			0.120	162	67.15	11,000	11,000
	SLD				PVMT				WSIT		
6311.222	---	CONCRETE WALKWAYS	70	CY			0.525	37	50.68	2,000	2,000
	SLD				CONC				WCON		
6311.23	---	FENCES AND GATES		LF						REMAIN IN PLACE	
	MTL										
6311.3		OUTLYING STRUCTURES DEMOLITION									
6311.31	---	MISC. SITE BUILDINGS		CF							
	SLD				BLDG				WMSR		
6311.311	---	BUTLER TYPE WAREHOUSE	77000	CF			0.004	308	50.88	16,000	16,000
	SLD				BLDG				WMSR		
6311.32	---	TANK FOUNDATIONS	35	CY			1.125	39	50.68	2,000	2,000
	SLD				CONC				WCON		
6311.33	---	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	385	CY			1.125	433	50.68	22,000	22,000
	SLD				CONC				WCON		
6311.4	---	OFF-SITE REMOVAL & DISPOSAL								INCL. ACCT. 7311.C8	
	DSL										
6311.5		SITE FILL AND LANDSCAPING									
6311.51	---	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	1600	CY			0.050	80	67.15	5,000	5,000
	SIT				FILL				WSIT		
6311.52	SIT	SEED & MULCH SITE	1	AC	1000.00		19.275	19	67.15	1,000	2,000
	SIT				SEED				WSIT		
TOTAL 341.C							1,000		1,078	59,000	60,000

F E R C A C C O U N T S D E T A I L S

341.P: PEAKERS 1-2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE LABOR COST
610		STATION PEAKERS 1-2							
6101.1		COMB. TURBINE STRUCTURE DEMOLITION							
6101.11	--- SLD	COMB. TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	560 CY		CONC	1.125	630 50.68 WCON	32,000	32,000
TOTAL 341.P							630	32,000	32,000

F E R C A C C O U N T S D E T A I L S

342.C: PEAKERS COMMON FACILITIES - FUEL OIL
& BOP EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS
631		STATION PEAKERS COMMON FACILITIES								
6312		EQUIPMENT								
6312.1		COMBUSTION TURBINES						INCL. ACCT. 610		
6312.3		FUEL OIL SYSTEM								
6312.31	SCR MTL	FUEL OIL STORAGE TANKS - 1 EA 10,000BRL	105	TN	-40.00 MTL		-4,000	2.672 281 45.40 WEQP	13,000	9,000
6312.32		MISCEL.LUBE OIL STORAGE						INCL. ACCT. 6312.31		
6312.4		WATER TREATMENT SYSTEM						N/A		
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	30	TN	-40.00 MTL		-1,000	2.025 61 45.40 WEQP	3,000	2,000
		TOTAL 342.C					-5,000	342	16,000	11,000

F E R C A C C O U N T S D E T A I L S

344.P: PEAKERS 1-2 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
610		STATION PEAKERS 1-2										
6102.1		COMBUSTION TURBINES 1-2										
6102.11	SCR MTL	COMBUSTION TURBINES GE 2EA @ 19.3MW	440	TN	-40.00 MTL		-18,000	3.570	1571	45.40 WEQP	71,000	53,000
TOTAL 344.P							-18,000		1,571		71,000	53,000

F E R C A C C O U N T S D E T A I L S

345.P: PEAKERS 1-2 - ACCESSORY ELECTRICAL
 EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1-2										
6102.1		COMBUSTION TURBINES 1-2										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	150	TN	-40.00 MTL		-6,000	3.570	536	45.40 WEQP	24,000	18,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-0.50 SCRC		-15,000					-15,000
		TOTAL 345.P					-21,000		536		24,000	3,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR		
900	---	INDIRECT EXPENSES								
	IND									
900.1	---	FPC INDIRECT EXPENSES	1	LS						
	IND									
900.11	---	FPC ENGINEERING ALLOCATION	1	LS					43,000	43,000
	IND									
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS					8,000	8,000
	IND									
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS					70,000	70,000
	IND									
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS					1,100	1,100
	IND									
900.15	---	FPC SUPERVISION	1	LS					54,000	54,000
	IND									
900.16	---	SECURITY SERVICES	1	LS					70,000	70,000
	IND									
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				N/R		
	IND									
900.18	---	PERMITS	1	LS					17,000	17,000
	IND									
		TOTAL IND							263,100	263,100

Sargent & Lundy
Chicago

ERECTION CREW MAN-HOURS

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 13
Estimate No: 16413D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 15MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	0	0
DDBR	90	10,000
WCON	1,139	58,000
WEQP	2,449	111,000
WMSR	308	16,000
WSIT	261	17,000
TOTAL	4,247	212,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	77,000 CF	0
CONC	1,050 CY	0
DISP	1,000 CY	0
FILL	1,600 CY	0
MTL	725 TN	-29,000
PVMT	1,350 SY	0
SCRC	30,000 LB	-15,000
SCRM	710 TN	0
SEED	1 AC	1,000
TOTAL		-43,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS

SARGENT & LUNDY

ESTIMATE NO. 16414D
PROJECT NO. 9991-003
May 16, 2000

REVIEWED BY:

APPROVED BY:

[Handwritten signature]
[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	34

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T
FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16414D
Project No: 9991-003
Prepared by: KS2/ /
Estimate Date: 16MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-357,000	3,134,000	2,777,000
231	UNIT # 2		-305,000	2,484,000	2,179,000
331	UNIT # 3		-418,000	1,625,000	1,207,000
531	COMMON FACILITIES		-55,000	2,839,000	2,784,000
610	STATION PEAKERS 1-4		-102,000	428,000	326,000
631	STATION PEAKERS COMMON FACILITIES		-67,000	369,000	302,000
731	OFF-SITE DISPOSAL			7,558,000	7,558,000
	TOTAL CONSTRUCTION COSTS		-1,304,000	18,437,000	17,133,000
	INDIRECT EXPENSES				1,212,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				2,752,000
	TOTAL PROJECT COST				21,097,000
	AFUDC				
	GRAND TOTAL COST				21,097,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%
SALES/USE TAX RATES: Equipment 0.000% Material 0.000%
CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

W O R K P A C K A G E S U M M A R Y

FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16414D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			3,798,000	3,798,000
DSL	OFF-SITE DISPOSAL			7,558,000	7,558,000
IND	INDIRECT COSTS			1,212,000	1,212,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			3,175,000	3,175,000
SCR	SCRAP VALUE		-1,406,000		-1,406,000
SIT	SITE WORK		102,000	1,964,000	2,066,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,942,000	1,942,000
TOTAL CONSTRUCTION COSTS			-1,304,000	19,649,000	18,345,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					2,752,000
TOTAL PROJECT COST					21,097,000
AFUDC					
GRAND TOTAL COST					21,097,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

F E R C A C C O U N T S S U M M A R Y

FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16414D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-101,000	811,000	710,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-90,000	283,000	193,000
311.3	UNIT 3 - STRUCTURES AND IMPROVEMENTS		-83,000	650,000	567,000
311.C	COMMON SITE FACILITIES		97,000	10,008,000	10,105,000
312.1	UNIT 1 - BOILER PLANT		-167,000	2,013,000	1,846,000
312.2	UNIT 2 - BOILER PLANT		-126,000	1,888,000	1,762,000
312.3	UNIT 3 - BOILER PLANT		-201,000	575,000	374,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-125,000	380,000	255,000
314.1	UNIT 1 - TURBINE PLANT		-50,000	241,000	191,000
314.2	UNIT 2 - TURBINE PLANT		-50,000	257,000	207,000
314.3	UNIT 3 - TURBINE PLANT		-59,000	306,000	247,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-32,000	25,000	-7,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-32,000	25,000	-7,000
315.3	UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT		-63,000	48,000	-15,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-27,000	9,000	-18,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-7,000	44,000	37,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-7,000	31,000	24,000
316.3	UNIT 3 - MISC. POWER PLANT EQUIPMENT		-12,000	46,000	34,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		5,000	152,000	157,000
341.P	PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS			97,000	97,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-72,000	217,000	145,000
344.P	PEAKERS 1-4 - GAS TURBINE PLANT		-66,000	266,000	200,000
345.P	PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT		-36,000	65,000	29,000
IND	INDIRECT EXPENSES			1,212,000	1,212,000
TOTAL CONSTRUCTION COSTS			-1,304,000	19,649,000	18,345,000

F E R C A C C O U N T S D E T A I L S

FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 16MAY00

Price level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.A		MAIN POWER BLOCK DEMOLITION (2,958,000 CF)										
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	3523	CY		CONC	0.844	2973	50.68 WCON	151,000	151,000	
1311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK AND TILE	74740	SF		MSRY	0.008	598	50.88 WMSR	30,000	30,000	
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	970	CY		CONC	0.599	581	50.68 WCON	29,000	29,000	
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2530	TN	-40.00 MTL			1.016	2570	44.84 WSTL	115,000	14,000
1311.A42	--- MTL	GALLERY GRATING	32220	SF		GALL		INCL. ACCT.	1311.A4 WSTL			
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	33430	SF		ROOF						
1311.A51	--- SLD	BOILER ROOM	2469	SF			0.011	27	55.80 WROF	2,000	2,000	
1311.A52	--- SLD	TURBINE ROOM	10856	SF			0.011	119	55.80 WROF	7,000	7,000	
1311.A53	--- SLD	CONTROL HOUSE	6076	SF			0.011	67	55.80 WROF	4,000	4,000	
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA	8400	SF			0.011	92	55.80 WROF	5,000	5,000	
1311.A55	--- SLD	AIR HEATER RM, MISC.	5629	SF			0.011	62	55.80 WROF	3,000	3,000	
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA			133.875	134	45.40 WEQP	6,000	6,000	
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS			334.688	335	45.40 WEQP	15,000	15,000	

F E R C A C C O U N T S D E T A I L S

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR WAGE RATE		LABOR COST			
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				551.250	551	45.40	25,000	25,000		
										WEP				
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	6	EA				INCL. ACCT. 1311.A8						
1311.A82	--- MTL	FIXTURES	950	EA				INCL. ACCT. 1311.A8						
1311.A83	--- MTL	MISC. ELECTRICAL	1	LS				INCL. ACCT. 1311.A8						
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL												
1311.A91	--- ASB	TRANSITE WALL	15560	SF			TRNS	0.360	5602	50.88	285,000	285,000		
										WMSR				
1311.A92	--- ASB	3" TRANSITE SEWER PIPE	1105	LF				0.090	99	50.88	5,000	5,000		
										WMSR				
1311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS	28220	LF				0.090	2540	50.88	129,000	129,000		
										WMSR				
TOTAL 311.1											-101,000	16,350	811,000	710,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.A		MAIN POWER BLOCK DEMOLITION (2,413,225 CF)										
2311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	2342	CY			CONC	0.844	1977	50.68 WCON	100,000	100,000
2311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	27127	SF			MSRY	0.008	217	50.88 WMSR	11,000	11,000
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	428	CY			CONC	0.599	256	50.68 WCON	13,000	13,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2253	TN	-40.00		MTL	1.016	2289	44.84 WSTL	103,000	13,000
2311.A42	--- MTL	GALLERY GRATING	46887	SF			GALL			INCL. ACCT. 2311.A4 WSTL		
2311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	25640	SF			ROOF			WROF		
2311.A51	--- SLD	BOILER ROOM	7128	SF				0.011	78	55.80 WROF	4,000	4,000
2311.A52	--- SLD	TURBINE ROOM	15840	SF				0.011	174	55.80 WROF	10,000	10,000
2311.A53	--- SLD	CONTROL HOUSE								INCL. ACCT. 1311 WROF		
2311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA								INCL. ACCT. 1311 WROF		
2311.A55	--- SLD	AIR HEATER RM, MISC.	2640	SF				0.011	29	55.80 WROF	2,000	2,000
2311.A6	--- MTL	M/BLDG ELEVATOR								INCL. ACCT. 1311 WEQP		
2311.A7	--- MTL	M/BLDG HVAC	1	LS				334.688	335	45.40 WEQP	15,000	15,000
2311.A8	--- MTL	M/BLDG ELECTRICAL	1	LS				551.250	551	45.40 WEQP	25,000	25,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST	
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	6	EA				INCL. ACCT.	2311.A8				
2311.A82	--- MTL	FIXTURES	794	EA				INCL. ACCT.	2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS				INCL. ACCT.	2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL											
2311.A91	--- ASB	TRANSITE WALL						INCL. ACCT.	1311.A91 WMSR				
2311.A92	--- ASB	3" TRANSITE SEWER PIPE						INCL. ACCT.	1311.A92 WMSR				
2311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS						INCL. ACCT.	1311.A93 WMSR				
TOTAL 311.2										-90,000	5,906	283,000	193,000

F E R C A C C O U N T S D E T A I L S

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
331		UNIT # 3									
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
3311.A		MAIN POWER BLOCK DEMOLITION (2,395,645 CF)	1	LS							
3311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	2186	CY		CONC	0.844	1845	50.68	94,000	94,000
3311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	38744	SF		MSRY	0.008	310	50.88	16,000	16,000
3311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	396	CY		CONC	0.599	237	50.68	12,000	12,000
3311.A4		STRUCTURAL AND GALLERY STEEL									
3311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2080	TN	-40.00	MTL					
3311.A42	--- MTL	GALLERY GRATING	34294	SF		GALL					
3311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	23169	SF		ROOF					
3311.A51	--- SLD	BOILER ROOM	7800	SF			0.011	86	55.80	5,000	5,000
3311.A52	--- SLD	TURBINE ROOM	12969	SF			0.011	143	55.80	8,000	8,000
3311.A53	--- SLD	CONTROL HOUSE									
3311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA									
3311.A55	--- SLD	AIR HEATER RM, MISC.	2400	SF			0.011	26	55.80	1,000	1,000
3311.A6	--- MTL	M/BLDG ELEVATOR									
3311.A7	--- MTL	M/BLDG HVAC	1	LS			320.625	321	45.40	15,000	15,000
3311.A8	--- MTL	M/BLDG ELECTRICAL	1	LS			551.250	551	45.40	25,000	25,000

F E R C A C C O U N T S D E T A I L S

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST		
3311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	6	EA										
3311.A82	--- MTL	FIXTURES	570	EA										
3311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS										
3311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL												
3311.A91	--- ASB	TRANSITE WALL	20667	SF				0.360	7440	50.88	379,000	379,000		
										WMSR				
3311.A92	--- ASB	3" TRANSITE SEWER PIPE												
3311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS												
TOTAL 311.3														
											-83,000	13,072	650,000	567,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311	
1311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311	
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311	
2311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311	
331		UNIT # 3										
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
3311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311	
3311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311	
531		COMMON FACILITIES										
5311		COMMON FACILITIES										
5311.A		SITE EXCAVATION										
5311.A1	---	ASH POND - 5AC, EXCAVATE 2' DEEP	16000	CY							INCL. ACCT. 7311.C82	
5311.A2	---	PERC. PONS - 2 EA, 17 AC EXCAVATE SLUDGE & CONTAMINATED SOIL -	137000	CY							INCL. ACCT. 7311.C82	
5311.A3	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	20000	CY							INCL. ACCT. 7311.C82	
5311.A4	---	BERMS AND DIKES EXCAVATION	45550	CY				0.060	2733	67.15	184,000	184,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.A5	--- SIT	BORROW EXCAVATION	197000	CY				0.060	11820	67.15	794,000	794,000
						EXC				WSIT		
5311.A6	--- SIT	FILL	242250	CY				INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	165500	CF				0.004	662	50.88	34,000	34,000
						BLDG				WMSR		
5311.B2	--- SLD	GUARDHOUSE						INCL. ACCT.5311.B45				
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	--- SLD	DOCK SERVICE BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	95500	CF				0.004	382	50.88	19,000	19,000
						BLDG				WMSR		
5311.B42	--- SLD	PLANT SERVICE BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	36275	CF				0.006	218	50.88	11,000	11,000
						BLDG				WMSR		
5311.B43	--- SLD	FUEL OIL BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	54000	CF				0.006	324	50.88	16,000	16,000
						BLDG				WMSR		
5311.B44	--- SLD	F.O.BOOSTER PUMPHOUSE - STEEL FRAME /CONCRETE BLOCK BUILDING	36000	CF				0.006	216	50.88	11,000	11,000
						BLDG				WMSR		
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	130000	CF				0.006	780	50.88	40,000	40,000
						BLDG				WMSR		
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	2400	CY				1.125	2700	50.68	137,000	137,000
						CONC				WCON		
5311.B6	--- SLD	TANK FOUNDATIONS	822	CY				0.563	463	50.68	23,000	23,000
						CONC				WCON		
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION										
5311.C1	--- MTL	R/R TRACKS						NONE ON-SITE				
5311.C2		ROADS & PAVEMENTS										
5311.C21	--- SLD	PAVED SURFACES	25000	SY				0.120	3000	67.15	201,000	201,000
						PVMT				WSIT		

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST			
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS									INCL. IN WRKG				
5311.C811	--- DSL	MAIN BUILDING BSMT									N/A				
5311.C812	--- DSL	CONCRETE PIPE TRENCH	200	CY											
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	1500	CY							WCON				
5311.C9		SITE FILL AND LANDSCAPING													
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	242250	CY				0.050	12113	67.15	813,000	813,000			
5311.C92	SIT SIT	SEED & MULCH SITE	75	AC	1000.00		75,000	19.275	1446	67.15	97,000	172,000			
731		OFF-SITE DISPOSAL													
7311.C82		OFF-SITE DISPOSAL													
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE	16000	CY				0.197	3152	131.39	414,000	414,000			
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	157000	CY				0.433	67981	104.87	7,129,000	7,129,000			
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL		CY								N/A			
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY				0.090	135	109.45	15,000	15,000			
TOTAL 311.C												97,000	109,104	10,008,000	10,105,000

F E R C A C C O U N T S D E T A I L S

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.A		MAIN POWER BLOCK DEMOLITION (2,958,000 CF)										
1311.A9		DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL										
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS						1,500,000	1,500,000	
1312		BOILER PLANT										
1312.A	SCR MTL	BOILER AND APPURTENANCES	2400	TN	-40.00 MTL		-96,000	2.025	4860	48.30 WBLR	235,000	139,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	500	TN	-40.00 MTL		-20,000	2.672	1336	45.40 WEQP	61,000	41,000
1312.B2	SCR MTL	PRECIPITATOR	830	TN	-40.00 MTL		-33,000	2.025	1681	45.40 WEQP	76,000	43,000
1312.B3		ID, FD FANS & MOTORS								INCL. ACCT. 1312.A		
1312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 300'H	1100	CY		CONC		0.844	928	50.68 WCON	47,000	47,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	970	CY		CONC		1.080	1048	50.68 WCON	53,000	53,000
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
1312.C2		CONDENSATE TANKS								INCL. ACCT. 1316		
1312.F		FUEL OIL EQUIPMENT								INCL. ACCT. 5312.F		
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	350	TN	-40.00 MTL		-14,000	2.025	709	45.40 WEQP	32,000	18,000
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS						INCL. ACCT. 1311.A94		
TOTAL 312.1							-167,000		10,765		2,013,000	1,846,000

F E R C A C C O U N T S D E T A I L S

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.A		MAIN POWER BLOCK DEMOLITION (2,413,225 CF)										
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION							1,500,000	1,500,000		
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES	2400	TN	-40.00		-96,000	2.025	4860	48.30	235,000	139,000
					MTL				WBLR			
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	300	TN	-40.00		-12,000	2.672	802	45.40	36,000	24,000
					MTL				WEQP			
2312.B2	--- MTL	PRECIPITATOR							N/A			
2312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 2312.A			
2312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 300'H	1100	CY		CONC		0.844	928	50.68	47,000	47,000
									WCON			
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	530	CY		CONC		1.080	572	50.68	29,000	29,000
									WCON			
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100	TN	-40.00		-4,000	2.025	203	45.40	9,000	5,000
					MTL				WEQP			
2312.C2		CONDENSATE TANKS							INCL. ACCT. 2316			
2312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F			
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL				WEQP			
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS					INCL. ACCT. 2311.A94			
TOTAL 312.2							-126,000		8,074		1,888,000	1,762,000

F E R C A C C O U N T S D E T A I L S

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE	
331		UNIT # 3										
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
3311.A		MAIN POWER BLOCK DEMOLITION (2,395,645 CF)										
3311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
3311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION						ABATED				
3312		BOILER PLANT										
3312.A	SCR MTL	BOILER AND APPURTENANCES	4000	TN	-40.00		-160,000	2.025	8100	48.30	391,000	231,000
					MTL					WBLR		
3312.B		DRAFT EQUIPMENT										
3312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	350	TN	-40.00		-14,000	2.672	935	45.40	42,000	28,000
					MTL					WEQP		
3312.B2	--- MTL	PRECIPITATOR						N/A				
3312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 3312.A				
3312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 300'H	1100	CY		CONC		0.844	928	50.68	47,000	47,000
										WCON		
3312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	600	CY		CONC		1.080	648	50.68	33,000	33,000
										WCON		
3312.C		FEED WATER SYSTEM										
3312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	120	TN	-40.00		-5,000	2.025	243	45.40	11,000	6,000
					MTL					WEQP		
3312.C2		CONDENSATE TANKS						INCL. ACCT. 3316				
3312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				
3312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	550	TN	-40.00		-22,000	2.025	1114	45.40	51,000	29,000
					MTL					WEQP		
3312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				ABATED				
TOTAL 312.3							-201,000		11,968		575,000	374,000

F E R C A C C O U N T S D E T A I L S

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
531		COMMON FACILITIES										
5312.F		FUEL OIL EQUIPMENT										
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 3 EA @ 150,000 BBL	2400	TN	-40.00 MTL		-96,000	2.672	6413	45.40 WEQP	291,000	195,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT - STEEL STACK, HEATING BLRS, ETC	50	TN	-40.00 MTL		-2,000	2.672	134	45.40 WEQP	6,000	4,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS							INCL. ACCT. 5311.B6			
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	687	TN	-40.00 MTL		-27,000	2.672	1836	45.40 WEQP	83,000	56,000
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
5312.M1	--- MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT							N/A			
5312.M2	--- MTL	BUILDINGS AND TOWERS							N/A			
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)							N/A			
TOTAL 312.C							-125,000		8,383		380,000	255,000

F E R C A C C O U N T S D E T A I L S

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST	
131		UNIT # 1											
1314		TURBINE PLANT											
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES											
1314.B1	SCR MTL	TURBINE GENERATOR	606	TN	-40.00		-24,000	2.025	1227	45.40	56,000	32,000	
					MTL					WEQP			
1314.B2	SCR MTL	CONDENSER	290	TN	-40.00		-12,000	2.025	587	45.40	27,000	15,000	
					MTL					WEQP			
1314.B3	--- SLD	TURBINE PEDESTAL	992	CY				1.800	1786	50.68	91,000	91,000	
					CONC					WCON			
1314.B4		TURBINE PLANT PIPING AND HANGERS								INCL. ACCT. 1312.G			
1314.C		CIRCULATING WATER SYSTEM											
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	300	TN	-40.00		-12,000	2.025	608	45.40	28,000	16,000	
					MTL					WEQP			
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063	599	50.68	30,000	30,000	
										WCON			
1314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-40.00		-2,000	2.672	134	45.40	6,000	4,000	
					MTL					WEQP			
1314.C4	--- MTL	20 TON GANTRY CRANE	1	EA				67.500	68	45.40	3,000	3,000	
										WEQP			
TOTAL 314.1								-50,000		5,009		241,000	191,000

F E R C A C C O U N T S D E T A I L S

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
231		UNIT # 2									
2314		TURBINE PLANT									
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES									
2314.B1	SCR MTL	TURBINE GENERATOR	606	TN	-40.00 MTL		-24,000	2.025 1227	45.40 WEQP	56,000	32,000
2314.B2	SCR MTL	CONDENSER	290	TN	-40.00 MTL		-12,000	2.025 587	45.40 WEQP	27,000	15,000
2314.B3	--- SLD	TURBINE PEDESTAL	1209	CY		CONC		1.800 2176	50.68 WCON	110,000	110,000
2314.B4		TURBINE PLANT PIPING AND HANGERS						INCL. ACCT. 2312.G			
2314.C		CIRCULATING WATER SYSTEM									
2314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	300	TN	-40.00 MTL		-12,000	2.025 608	45.40 WEQP	28,000	16,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063 599	50.68 WCON	30,000	30,000
2314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-40.00 MTL		-2,000	2.672 134	45.40 WEQP	6,000	4,000
2314.C4	--- MTL	20 TON GANTRY CRANE						INCL. ACCT. 1314.C4			
		TOTAL 314.2					-50,000		5,331	257,000	207,000

F E R C A C C O U N T S D E T A I L S

314.3: UNIT 3 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE
331		UNIT # 3									
3314		TURBINE PLANT									
3314.B		TURBINE GENERATOR UNIT AND ACCESSORIES									
3314.B1	SCR MTL	TURBINE GENERATOR	714	TN	-40.00 MTL		-29,000	2.025 1446	45.40 WEQP	66,000	37,000
3314.B2	SCR MTL	CONDENSER	400	TN	-40.00 MTL		-16,000	2.025 810	45.40 WEQP	37,000	21,000
3314.B3	--- SLD	TURBINE PEDESTAL	1525	CY		CONC		1.800 2745	50.68 WCON	139,000	139,000
3314.B4		TURBINE PLANT PIPING AND HANGERS						INCL. ACCT. 3312.G			
3314.C		CIRCULATING WATER SYSTEM									
3314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	300	TN	-40.00 MTL		-12,000	2.025 608	45.40 WEQP	28,000	16,000
3314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063 599	50.68 WCON	30,000	30,000
3314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-40.00 MTL		-2,000	2.672 134	45.40 WEQP	6,000	4,000
3314.C4	--- MTL	20 TON GANTRY CRANE						INCL. ACCT. 1314.C4			
TOTAL 314.3							-59,000		6,342	306,000	247,000

F E R C A C C O U N T S D E T A I L S

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	170	TN	-40.00 MTL		-7,000	2.672	454	45.40 WEQP	21,000	14,000
1315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	70	CY		CONC		1.080	76	50.68 WCON	4,000	4,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-0.50 SCRC		-25,000					-25,000
		TOTAL 315.1					-32,000		530		25,000	-7,000

F E R C A C C O U N T S D E T A I L S

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
231		UNIT # 2								
2315		ACCESSORY ELECTRICAL EQUIPMENT								
2315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	170 TN	-40.00 MTL		-7,000	2.672 454	45.40 WEQP	21,000	14,000
2315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C			
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	70 CY		CONC		1.080 76	50.68 WCON	4,000	4,000
2317		SCRAP VALUE								
2317.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000				-25,000
TOTAL 315.2						-32,000		530	25,000	-7,000

F E R C A C C O U N T S D E T A I L S

315.3: UNIT 3 - ACCESSORY ELECTRICAL
 EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
331		UNIT # 3									
3315		ACCESSORY ELECTRICAL EQUIPMENT									
3315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	332	TN	-40.00 MTL		-13,000	2.672 887	45.40 WEQP	40,000	27,000
3315.B		CABLE TRAYS & DUCTRUNS							INCL. ACCT. 5311.C		
3315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	140	CY		CONC		1.080 151	50.68 WCON	8,000	8,000
3317		SCRAP VALUE									
3317.B	SCR SCR	SCRAP VALUE OF COPPER	100000	LB	-0.50 SCRC		-50,000				-50,000
		TOTAL 315.3					-63,000		1,038	48,000	-15,000

F E R C A C C O U N T S D E T A I L S

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
531		COMMON FACILITIES									
5315		ACCESSORY ELECTRICAL EQUIPMENT									
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	60 TN	-40.00 MTL		-2,000	2.672	160	45.40 WEQP	7,000	5,000
5315.B		CABLE TRAYS & DUCTRUNS							INCL. ACCT. 5311.C		
5315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	30 CY		CONC		1.080	32	50.68 WCON	2,000	2,000
5317		SCRAP VALUE									
5317.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000					-25,000
TOTAL 315.C						-27,000		192		9,000	-18,000

F E R C A C C O U N T S D E T A I L S

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	*** MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNHR RATE	LABOR MNHRS	*** WAGE RATE	*** LABOR COST	TOTAL COST
131		UNIT # 1									
1316		MISCELLANEOUS POWER PLANT EQUIPMENT									
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	130 TN	-40.00 MTL		-5,000	2.025	263	45.40 WEQP	12,000	7,000
1316.B	SCR MTL	MISC. SMALL TANKS	50 TN	-40.00 MTL		-2,000	2.672	134	45.40 WEQP	6,000	4,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 100/20 TON	1 EA				267.188	267	44.84 WSTL	12,000	12,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1 EA				28.125	28	44.84 WSTL	1,000	1,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1 LT				281.250	281	45.40 WEQP	13,000	13,000
TOTAL 316.1						-7,000		973		44,000	37,000

F E R C A C C O U N T S D E T A I L S

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		
231		UNIT # 2								
2316		MISCELLANEOUS POWER PLANT EQUIPMENT								
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	130	TN	-40.00 MTL	-5,000	2.025 263	45.40 WEQP	12,000	7,000
2316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-40.00 MTL	-2,000	2.672 134	45.40 WEQP	6,000	4,000
2316.C		TURBINE ROOM O.H. CRANE 100/20 TON					INCL. ACCT. 1316.C	WSTL		
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT			281.250 281	45.40 WEQP	13,000	13,000
TOTAL 316.2						-7,000		678	31,000	24,000

F E R C A C C O U N T S D E T A I L S

316.3: UNIT 3 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
331		UNIT # 3									
3316		MISCELLANEOUS POWER PLANT EQUIPMENT									
3316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	220	TN	-40.00 MTL		-9,000	2.025 446	45.40 WEQP	20,000	11,000
3316.B	SCR MTL	MISC. SMALL TANKS	70	TN	-40.00 MTL		-3,000	2.672 187	45.40 WEQP	8,000	5,000
3316.C		TURBINE ROOM O.H. CRANE 100/20 TON						INCL. ACCT. 1316.C			
3316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT			393.750	394	45.40 WEQP	18,000	18,000
		TOTAL 316.3					-12,000	1,027		46,000	34,000

F E R C A C C O U N T S D E T A I L S

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
631		STATION PEAKERS COMMON FACILITIES									
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION									
6311.1		COMB. TURBINE STRUCTURE DEMOLITION						INCL. ACCTS 610			
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION									
6311.21		SITE EXCAVATION						INCL. ACCT. 5113			
6311.22		ROADS & PAVEMENTS									
6311.221	---	PAVED SURFACES	8000	SY			0.120	960	67.15	64,000	64,000
	SLD					PVMT			WSIT		
6311.222	---	CONCRETE WALKWAYS	100	CY			0.525	53	50.68	3,000	3,000
	SLD					CONC			WCON		
6311.23	---	FENCES AND GATES		LF						REMAIN IN PLACE	
	MTL										
6311.3		OUTLYING STRUCTURES DEMOLITION									
6311.31	---	WATER TREATMENT & MISC. SITE BUILDINGS		CF				N/A			
	SLD					BLDG			WMSR		
6311.32	---	TANK FOUNDATIONS	350	CY			1.125	394	50.68	20,000	20,000
	SLD					CONC			WCON		
6311.33	---	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	85	CY			1.125	96	50.68	5,000	5,000
	SLD					CONC			WCON		
6311.4	---	OFF-SITE REMOVAL & DISPOSAL								INCL. ACCT. 7311.CB	
	DSL										
6311.5		SITE FILL AND LANDSCAPING									
6311.51	---	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	16150	CY			0.050	808	67.15	54,000	54,000
	SIT					FILL			WSIT		
6311.52	SIT	SEED & MULCH SITE	5	AC	1000.00		19.275	96	67.15	6,000	11,000
	SIT				SEED	5,000			WSIT		
TOTAL 341.C							5,000		2,407	152,000	157,000

F E R C A C C O U N T S D E T A I L S

341.P: PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE
610		STATION PEAKERS 1-4									
6101.1		COMB. TURBINE STRUCTURE DEMOLITION									
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	1700	CY		CONC	1.125	1913	50.68	97,000	97,000
		TOTAL 341.P						1,913		97,000	97,000

F E R C A C C O U N T S D E T A I L S

342.C: PEAKERS COMMON FACILITIES - FUEL OIL
& BOP EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		LABOR COST
631		STATION PEAKERS COMMON FACILITIES								
6312		EQUIPMENT								
6312.1		COMBUSTION TURBINES						INCL. ACCTS 610,611		
6312.3		FUEL OIL SYSTEM								
6312.31	SCR MTL	FUEL OIL STORAGE TANKS - 3 EA	1735	TN	-40.00 MTL	-69,000	2.672	4636 45.40 WEQP	210,000	141,000
6312.32		MISCEL.LUBE OIL STORAGE	2	EA				INCL. ACCT. 6110.31		
6312.4		WATER TREATMENT SYSTEM						N/A		
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	80	TN	-40.00 MTL	-3,000	2.025	162 45.40 WEQP	7,000	4,000
TOTAL 342.C						-72,000		4,798	217,000	145,000

F E R C A C C O U N T S D E T A I L S

344.P: PEAKERS 1-4 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1-4									
6102.1		COMBUSTION TURBINES 1-4									
6102.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 55.7MW	1640 TN	-40.00 MTL		-66,000	3.570	5855	45.40 WEQP	266,000	200,000
TOTAL 344.P						-66,000		5,855		266,000	200,000

F E R C A C C O U N T S D E T A I L S

345.P: PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE	LABOR COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	400	TN	-40.00 MTL		-16,000	3.570	1428	45.40 WEQP	65,000	49,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	40000	LB	-0.50 SCRC		-20,000					-20,000
		TOTAL 345.P					-36,000		1,428		65,000	29,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				173,000	173,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				81,000	81,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				270,000	270,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				13,000	13,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				216,000	216,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				280,000	280,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				162,000	162,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						1,212,000	1,212,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
BARTOW - UNITS 1,2,3 & PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 34
Estimate No: 164140
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 16MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	3,152	414,000
DDBR	135	15,000
DSLQ	67,981	7,129,000
WBLR	17,820	861,000
WCON	28,098	1,425,000
WEQP	43,693	1,984,000
WMSR	19,388	986,000
WROF	903	51,000
WSIT	33,236	2,230,000
WSTL	7,267	326,000
TOTAL	221,673	15,421,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	517,275	CF	0
CONC	25,593	CY	0
CURB	16,700	LF	0
DISP	174,500	CY	0
EXC	415,550	CY	0
FILL	258,400	CY	0
GALL	113,401	SF	0
MSRY	140,611	SF	0
MTL	31,543	TN	-1,261,000
PVMT	33,000	SY	0
ROOF	82,239	SF	0
SCRC	290,000	LB	-145,000
SCRM	31,345	TN	0
SEED	80	AC	80,000
TRNS	36,227	SF	0
VOID	85,700	CY	0
TOTAL			-1,326,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4

SARGENT & LUNDY

ESTIMATE NO. 16415C
PROJECT NO. 9991-003
June 15, 2000'

REVIEWED BY:

APPROVED BY:

[Handwritten signature]
[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	11

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16415C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKERS 1-4		-77,000	348,000	271,000
631	STATION PEAKERS COMMON FACILITIES		-19,000	254,000	235,000
731	OFF-SITE DISPOSAL			160,000	160,000
	TOTAL CONSTRUCTION COSTS		-96,000	762,000	666,000
	INDIRECT EXPENSES				571,100
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				186,000
	TOTAL PROJECT COST AFUDC				1,423,100
	GRAND TOTAL COST				1,423,100

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16415C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			160,000	160,000
IND	INDIRECT COSTS			571,100	571,100
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			314,000	314,000
SCR	SCRAP VALUE		-98,000		-98,000
SIT	SITE WORK		2,000	51,000	53,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			237,000	237,000
TOTAL CONSTRUCTION COSTS			-96,000	1,333,100	1,237,100
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					186,000
TOTAL PROJECT COST					1,423,100
AFUDC					
GRAND TOTAL COST					1,423,100
FINANCIAL ASSUMPTIONS:					
ESCALATION RATES: Equipment 0.000%					
Material 0.000%					
Labor 0.000%					
Indirects 0.000%					
SALES/USE TAX RATES: Equipment 0.000% Material 0.000%					
CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%					

Sargent & Lundy
Chicago

FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16415C
Project No: 9991-003
Prepared by: KS2/ /

Estimate Date: 15JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		2,000	353,000	355,000
341.P	PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS			95,000	95,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-21,000	61,000	40,000
344.P	PEAKERS 1-4 - GAS TURBINE PLANT		-46,000	188,000	142,000
345.P	PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT		-31,000	65,000	34,000
IND	INDIRECT EXPENSES			571,100	571,100
	TOTAL CONSTRUCTION COSTS		-96,000	1,333,100	1,237,100

F E R C A C C O U N T S D E T A I L S

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 15JUN00

Price level: 2000

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	
631		STATION PEAKERS COMMON FACILITIES								
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION								
6311.1		COMB. TURBINE STRUCTURE DEMOLITION								INCL. ACCT 610
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION								
6311.21		SITE EXCAVATION								
6311.211	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	3300	CY		EXC				
6311.212	---	BERMS AND DIKES EXCAVATION	1000	CY		EXC	0.060	60	67.15	4,000 4,000
6311.213	---	BORROW EXCAVATION	5500	CY		EXC	0.060	330	67.15	22,000 22,000
6311.214	---	FILL	6500	CY						INCL.ACCT.6311.51
6311.22		ROADS & PAVEMENTS								
6311.221	---	PAVED SURFACES	3550	SY		PVMT	0.120	426	67.15	29,000 29,000
6311.222	---	CONCRETE WALKWAYS	100	CY		CONC	0.525	53	50.68	3,000 3,000
6311.23	---	FENCES AND GATES								REMAIN IN PLACE
6311.3		OUTLYING STRUCTURES DEMOLITION								
6311.31	---	MISC. SITE BUILDINGS								
6311.311	---	MAINTENANCE & WAREHOUSE BUILDING	120000	CF		BLDG	0.006	720	50.88	37,000 37,000
6311.312	---	MISC. SITE BUILDINGS	24800	CF		BLDG	0.006	149	50.88	8,000 8,000

F E R C A C C O U N T S D E T A I L S

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		LABOR COST
6311.32	--- SLD	TANK FOUNDATIONS & BERMS	485 CY			1.125	546 50.68	28,000	28,000
				CONC			WCON		
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	645 CY			1.125	726 50.68	37,000	37,000
				CONC			WCON		
6311.5		SITE FILL AND LANDSCAPING							
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	6500 CY			0.050	325 67.15	22,000	22,000
				FILL			WSIT		
6311.52	SIT SIT	SEED & MULCH SITE	2 AC	1000.00		19.275	39 67.15	3,000	5,000
				SEED	2,000		WSIT		
731		OFF-SITE DISPOSAL							
7311.4		OFF-SITE DISPOSAL							
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	3300 CY			0.433	1429 104.87	150,000	150,000
				DISP			DSL		
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL				N/A			
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1000 CY			0.090	90 109.45	10,000	10,000
				DISP			DDBR		
TOTAL 341.C						2,000	4,893	353,000	355,000

F E R C A C C O U N T S D E T A I L S

341.P: PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE	LABOR COST
610		STATION PEAKERS 1-4										
6101.1		COMB. TURBINE STRUCTURE DEMOLITION										
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	1670	CY		CONC		1.125	1879	50.68	95,000	95,000
		TOTAL 341.P							1,879		95,000	95,000

F E R C A C C O U N T S D E T A I L S

342.C: PEAKERS COMMON FACILITIES - FUEL OIL
& BOP EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS
631		STATION PEAKERS COMMON FACILITIES								
6312		EQUIPMENT								
6312.1		COMBUSTION TURBINES						INCL. ACCT. 610		
6312.3		FUEL OIL SYSTEM								
6312.31	SCR MTL	FUEL OIL STORAGE TANKS - 1 EA - 20,000BRL, 1 - 25,000BRL	445	TN	-40.00 MTL		-18,000	2.672 1189 45.40 WEQP	54,000	36,000
6312.32		MISCEL.LUBE OIL STORAGE						INCL. ACCT. 6110.31		
6312.4		WATER TREATMENT SYSTEM						N/A		
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	80	TN	-40.00 MTL		-3,000	2.025 162 45.40 WEQP	7,000	4,000
TOTAL 342.C							-21,000	1,351	61,000	40,000

F E R C A C C O U N T S D E T A I L S

344.P: PEAKERS 1-4 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 55.7MW	1160	TN	-40.00 MTL		-46,000	3.570	4141	45.40 WEQP	188,000	142,000
		TOTAL 344.P					-46,000		4,141		188,000	142,000

F E R C A C C O U N T S D E T A I L S

345.P: PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	400	TN	-40.00 NTL		-16,000	3.570	1428	45.40 WEQP	65,000	49,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-0.50 SCRC		-15,000					-15,000
TOTAL 345.P							-31,000		1,428		65,000	34,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR		
900	---	INDIRECT EXPENSES								
	IND									
900.1	---	FPC INDIRECT EXPENSES	1	LS						
	IND									
900.11	---	FPC ENGINEERING ALLOCATION	1	LS					86,000	86,000
	IND									
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS					3,000	3,000
	IND									
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS					135,000	135,000
	IND									
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS					1,100	1,100
	IND									
900.15	---	FPC SUPERVISION	1	LS					108,000	108,000
	IND									
900.16	---	SECURITY SERVICES	1	LS					140,000	140,000
	IND									
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS					81,000	81,000
	IND									
900.18	---	PERMITS	1	LS					17,000	17,000
	IND									
		TOTAL IND							571,100	571,100

6101.11	material type but no material cost
6107.A	material type but no material cost
6311.211	material type but no material cost
6311.212	material type but no material cost
6311.213	material type but no material cost
6311.221	material type but no material cost
6311.222	material type but no material cost
6311.311	material type but no material cost
6311.312	material type but no material cost
6311.32	material type but no material cost
6311.33	material type but no material cost
6311.51	material type but no material cost
6317.A	material type but no material cost
6317.B	material type but no material cost
7311.41	material type but no material cost
7311.43	material type but no material cost

16 errors found

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 11
Estimate No: 16415C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 15JUN00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DDBR	90	10,000
DSLQ	1,429	150,000
WCON	3,204	163,000
WEQP	6,920	314,000
WMSR	869	45,000
WSIT	1,180	80,000
TOTAL	13,692	762,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	144,800 CF	0
CONC	2,900 CY	0
DISP	4,300 CY	0
EXC	9,800 CY	0
FILL	6,500 CY	0
MTL	2,085 TN	-83,000
PVMT	3,550 SY	0
SCRC	30,000 LB	-15,000
SCRM	2,070 TN	0
SEED	2 AC	2,000
TOTAL		-96,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
COAL FIRED UNITS

SARGENT & LUNDY

ESTIMATE NO. 16416D
PROJECT NO. 9991-003
May 16, 2000

REVIEWED BY:

APPROVED BY:

[Handwritten signature]
[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	25

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 164160
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-1,095,000	8,394,000	7,299,000
231	UNIT # 2		-1,043,000	8,634,000	7,591,000
531	COMMON FACILITIES		-179,000	5,111,000	4,932,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			5,064,000	5,064,000
	TOTAL CONSTRUCTION COSTS		-2,317,000	27,203,000	24,886,000
	INDIRECT EXPENSES				1,251,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,921,000
	TOTAL PROJECT COST				30,058,000
	AFUDC				
	GRAND TOTAL COST				30,058,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16416D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			9,625,000	9,625,000
DSL	OFF-SITE DISPOSAL			5,064,000	5,064,000
IND	INDIRECT COSTS			1,251,000	1,251,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			5,757,000	5,757,000
SCR	SCRAP VALUE		-2,469,000		-2,469,000
SIT	SITE WORK		152,000	3,302,000	3,454,000
SLO	SOLIDS - CONCRETE, MASONRY, ETC.			3,455,000	3,455,000
TOTAL CONSTRUCTION COSTS			-2,317,000	28,454,000	26,137,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					3,921,000
TOTAL PROJECT COST					30,058,000
AFUDC					
GRAND TOTAL COST					30,058,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 164160
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16MAY00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-128,000	2,621,000	2,493,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-135,000	2,484,000	2,349,000
311.C	COMMON SITE FACILITIES		151,000	9,102,000	9,253,000
312.1	UNIT 1 - BOILER PLANT		-710,000	5,231,000	4,521,000
312.2	UNIT 2 - BOILER PLANT		-791,000	5,722,000	4,931,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-304,000	1,054,000	750,000
314.1	UNIT 1 - TURBINE PLANT		-71,000	350,000	279,000
314.2	UNIT 2 - TURBINE PLANT		-76,000	342,000	266,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-161,000	103,000	-58,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-17,000	15,000	-2,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-26,000	19,000	-7,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-25,000	89,000	64,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-24,000	71,000	47,000
IND	INDIRECT EXPENSES			1,251,000	1,251,000
	TOTAL CONSTRUCTION COSTS		-2,317,000	28,454,000	26,137,000

F E R C A C C O U N T S D E T A I L S

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Price level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.A		MAIN POWER BLOCK DEMOLITION (4,319,242 CF)										
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	8142	CY		CONC		0.844	6872	50.68 WCON	348,000	348,000
1311.A2		WALLS										
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	22050	SF		MSRY		0.008	176	50.88 WMSR	9,000	9,000
1311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	7200	SF		SDNG		0.005	36	50.88 WMSR	2,000	2,000
1311.A23	--- MTL	TRANSITE SIDING	105755	SF						INCL. ACCT. 1311.A91 WMSR		
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	1659	CY		CONC		0.599	994	50.68 WCON	50,000	50,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	3200	TN	-40.00	MTL	-128,000	1.016	3251	44.84 WSTL	146,000	18,000
1311.A42	--- MTL	GALLERY GRATING	51920	SF		GALL				INCL. ACCT. 1311.A4 WSTL		
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	40570	SF								
1311.A51	--- SLD	BOILER ROOM	11500	SF		ROOF		0.011	126	55.80 WROF	7,000	7,000
1311.A52	--- SLD	TURBINE ROOM	15800	SF		ROOF		0.011	174	55.80 WROF	10,000	10,000
1311.A53	--- SLD	CONTROL HOUSE								INCL. ACCT. 1311.A52,5		
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA								INCL. ACCT 1311.A52,3		

F E R C A C C O U N T S D E T A I L S

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST				
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST		
1311.A55	--- SLD	AIR HEATER RM, TRIP. RM, MISC.	13270 SF		ROOF		0.011	146	55.80 WROF	8,000	8,000		
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	2 EA				133.875	268	45.40 WEQP	12,000	12,000		
1311.A7	--- MTL	MAIN BUILDING HVAC	1 LS				1125	1125	45.40 WEQP	51,000	51,000		
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1 LS				900.000	900	45.40 WEQP	41,000	41,000		
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	5 EA				INCL. ACCT. 1311.A8						
1311.A82	--- MTL	FIXTURES	1048 EA				INCL. ACCT. 1311.A8						
1311.A83	--- MTL	MISC. ELECTRICAL	1 LS				INCL. ACCT. 1311.A8						
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL											
1311.A91	--- ASB	TRANSITE WALL	105755 SF		TRNS		0.360	38072	50.88 WMSR	1,937,000	1,937,000		
1311.A92	--- ASB	TRANSITE SEWER PIPE					N/A						
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS					N/A						
		TOTAL 311.1								-128,000	52,140	2,621,000	2,493,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.A		MAIN POWER BLOCK DEMOLITION (4,920,200 CF)										
2311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	7163	CY			CONC	0.844	6046	50.68 WCON	306,000	306,000
2311.A2		WALLS										
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	1713	SF			MSRY	0.008	14	50.88 WMSR	1,000	1,000
2311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	10980	SF			SDNG	0.005	55	50.88 WMSR	3,000	3,000
2311.A23	--- MTL	TRANSITE SIDING WALLS & ROOF	102660	SF				INCL. ACCT.		2311.A91 WMSR		
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	840	CY			CONC	0.599	503	50.68 WCON	25,000	25,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	3386	TN	-40.00		MTL	1.016	3440	44.84 WSTL	154,000	19,000
2311.A42	--- MTL	GALLERY GRATING	58378	SF			GALL	INCL. ACCT.		2311.A4 WSTL		
2311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	28363	SF						WROF		
2311.A51	--- SLD	BOILER ROOM	11500	SF			ROOF	0.011	126	55.80 WROF	7,000	7,000
2311.A52	--- SLD	TURBINE ROOM	15800	SF			ROOF	0.011	174	55.80 WROF	10,000	10,000
2311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT.		1311		
2311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL. ACCT.		1311		
2311.A55	--- SLD	AIR HEATER RM, MISC.	1063	SF			ROOF	0.011	12	55.80 WROF	1,000	1,000
2311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				75.000	75	45.40 WEQP	3,000	3,000

F E R C A C C O U N T S D E T A I L S

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST		
2311.A7	--- MTL	M/BLDG HVAC	1	LS				1125	1125	45.40	51,000	51,000		
										WEQP				
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				937.500	938	45.40	43,000	43,000		
										WEQP				
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	7	EA				INCL. ACCT. 2311.A8						
2311.A82	--- MTL	FIXTURES	1846	EA				INCL. ACCT. 2311.A8						
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS				INCL. ACCT. 2311.A8						
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL												
2311.A91	--- ASB	TRANSITE WALL & ROOF	102660	SF				0.360	36958	50.88	1,880,000	1,880,000		
						TRNS				WMSR				
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A						
										WMSR				
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A						
										WMSR				
TOTAL 311.2											-135,000	49,466	2,484,000	2,349,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS							
5311.B41	--- SLD	WATER TREATM., CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE	173000	CF		BLDG		0.004 692 50.88 WMSR	35,000 35,000
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING				BLDG		INCL.1-4 COMMON FACL WMSR	
5311.B43	--- SLD	PUMPHSES - STEEL FRAME /CONCRETE BLOCK BUILDING				BLDG		INCL.1-4 COMMON FACL WMSR	
5311.B44	--- SLD	PRECIPITATOR ELECTR. BUILDINGS 2 EA - STEEL FRAME /CONCRETE BLOCK	100800	CF		BLDG		0.006 605 50.88 WMSR	31,000 31,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	20000	CF		BLDG		0.006 120 50.88 WMSR	6,000 6,000
5311.B46	--- ASB	TRANSITE WALL	5912	SF		TRNS		0.360 2128 50.88 WMSR	108,000 108,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	1750	CY		CONC		1.125 1969 50.68 WCON	100,000 100,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS	1620	CY		CONC		0.563 912 50.68 WCON	46,000 46,000
5311.B7	--- SLD	CONCRETE WATER SOFTERER TANKS	200	CY		CONC		1.125 225 50.68 WCON	11,000 11,000
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							
5311.C1	--- MTL	R/R TRACKS						INCL.1-4 COMMON FACL	
5311.C2		ROADS & PAVEMENTS							
5311.C21	--- SLD	PAVED SURFACES	20000	SY		PVMT		0.120 2400 67.15 WSIT	161,000 161,000
5311.C22	--- SLD	CONCRETE WALKWAYS	120	CY		CONC		0.525 63 50.68 WCON	3,000 3,000
5311.C23	--- SLD	CONCRETE CURBS	16850	LF				0.012 202 67.15 WSIT	14,000 14,000
5311.C3	--- MTL	FENCES AND GATES	46250	LF				REMAIN IN PLACE	
5311.C4		YARD DRAINAGE	1	LS				ABANDON IN PLACE	

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
5311.C5		FIRE LINES & HYDRANTS										
5311.C51		UNDERGROUND FIRE LINES								ABANDON IN PLACE		
5311.C52	--- MTL	HYDRANTS	1	LS				187.500	188	67.15 WSIT	13,000	13,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				750.000	750	50.68 WCON	38,000	38,000
5311.C61	--- SLD	PRESTRESSED CONCRETE AND FLOODLIGHT POLES								INCL. ACCT. 5311.C6		
5311.C62		CABLE AND CONDUIT								ABANDON IN PLACE		
5311.C7		INTAKE & DISCHARGE STRUCTURES										
5311.C71		DOCKS								REMAIN IN PLACE		
5311.C711	--- SLD	OIL UNLOADING PLATFORM & OIL BARGE DOCK FACILITY STRUCTURES	400	CY			CONC	1.125	450	50.68 WCON	23,000	23,000
5311.C712	SCR MTL	STRUCTURAL STEEL	36	TN	-40.00 MTL			-1,000	2.700	97 44.84 WSTL	4,000	3,000
5311.C73		INTAKE STRUCTURE								REMAIN IN PLACE		
5311.C731		INTAKE CLOSURE	1	LS						NOT REQUIRED		
5311.C732		INTAKE WELL - "VOID"	8000	CY						VOID	INCL. IN WRKG	
5311.C74		DISCHARGE CANAL - "VOID"	795620	CY						VOID	INCL. IN WRKG	
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	22000			22,000			20,000	42,000
5311.C742	SLD SLD	DISCHARGE OUTFALL STRUCTURE	2040	CY			CONC	0.750	1530	50.68 WCON	78,000	78,000
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING										
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS									INCL. IN WRKG	
5311.C811	--- DSL	MAIN BUILDING BSMT								VOID	N/A	
5311.C812	--- DSL	CONCRETE FUEL OIL TRENCH	1635	CY						VOID		

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	1500 CY		VOID						
5311.C82		OFF-SITE DISPOSAL							INCL. ACCT. 7311		
5311.C9		SITE FILL AND LANDSCAPING									
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	420000 CY		FILL		0.050	21000	67.15	1,410,000	1,410,000
5311.C92	SIT SIT	SEED & MULCH SITE	130 AC	1000.00	SEED	130,000	19.275	2506	67.15	168,000	298,000
5314		DISCHARGE FLUME ON COOLING TOWERS			CONC					INCL W/C.T. HELPER	
7311.C82		OFF-SITE DISPOSAL									
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE	145200 CY		DISP		0.197	28604	131.39	3,758,000	3,758,000
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	28100 CY		DISP		0.433	12167	104.87	1,276,000	1,276,000
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL							N/A		
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	3000 CY		DISP		0.090	270	109.45	30,000	30,000
TOTAL 311.C						151,000		103,538		9,102,000	9,253,000

F E R C A C C O U N T S D E T A I L S

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS
131		UNIT # 1								
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
1311.A		MAIN POWER BLOCK DEMOLITION (4,319,242 CF)								
1311.A9		DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL								
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS					2,700,000	
1312		BOILER PLANT								
1312.A	SCR MTL	BOILER AND APPURTENANCES	9025	TN	-40.00		-361,000	2.025 18276	48.30 WBLR	883,000
1312.B		DRAFT EQUIPMENT								
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-40.00		-68,000	2.672 4542	45.40 WEQP	206,000
1312.B2	SCR MTL	PRECIPITATOR	5100	TN	-40.00		-204,000	2.025 10328	45.40 WEQP	469,000
1312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 1312.A		
1312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 500'H (INCLUDING CONCRETE	6900	CY		CONC		0.844 5824	50.68 WCON	295,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	9040	CY		CONC		1.080 9763	50.68 WCON	495,000
1312.B6		DUCT COLLECTORS - EQUIPMENT						DEMOLISHED		
1312.C		FEED WATER SYSTEM								
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-40.00		-6,000	2.025 304	45.40 WEQP	14,000
1312.C2		CONDENSATE TANKS						INCL. ACCT. 1316.B		
1312.D		WATER TREATMENT SYSTEM								
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	170	TN	-40.00		-7,000	2.025 344	45.40 WEQP	16,000

F E R C A C C O U N T S D E T A I L S

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
1312.F		FUEL OIL EQUIPMENT								INCL. ACCT. 5312.F	
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	1435 TN	-40.00 MTL		-57,000	2.025	2906	45.40 WEQP	132,000	75,000
1312.H		ASH HANDLING EQUIPMENT									
1312.H1	SCR MTL	EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.700	270	45.40 WEQP	12,000	8,000
1312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)								INCL. ACCT. 1311	
1312.M		FUEL EQUIPMENT - MATERIAL HANDLING									
1312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	70 TN	-40.00 MTL		-3,000	2.700	189	45.40 WEQP	9,000	6,000
1312.M2	--- MTL	BUILDINGS AND TOWERS								INCL. ACCT. 5312.M	
1312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)								INCL. ACCT. 1311	
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS							INCL. ACCT. 1311.A94	
TOTAL 312.1						-710,000		52,746		5,231,000	4,521,000

F E R C A C C O U N T S D E T A I L S

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE
231		UNIT # 2								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.A		MAIN POWER BLOCK DEMOLITION (4,920,200 CF)								
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				3,000,000	3,000,000	
2312		BOILER PLANT								
2312.A	SCR MTL	BOILER AND APPURTENANCES	10000	TN	-40.00 MTL		-400,000	2.025 20250 48.30 WBLR	978,000	578,000
2312.B		DRAFT EQUIPMENT								
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	2000	TN	-40.00 MTL		-80,000	2.672 5344 48.30 WBLR	258,000	178,000
2312.B2	SCR MTL	PRECIPITATOR	5500	TN	-40.00 MTL		-220,000	2.025 11138 45.40 WEQP	506,000	286,000
2312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 2312.A		
2312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 500'H	6450	CY		CONC		0.844 5444 50.68 WCON	276,000	276,000
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	9040	CY		CONC		1.080 9763 50.68 WCON	495,000	495,000
2312.B6		DUCT COLLECTORS - EQUIPMENT						DEMOLISHED		
2312.B7	SCR MTL	FLY ASH SILO	100	TN	-40.00 MTL		-4,000	0.998 100 44.84 WSTL	4,000	
2312.C		FEED WATER SYSTEM								
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-40.00 MTL		-6,000	2.025 304 45.40 WEQP	14,000	8,000
2312.C2		CONDENSATE TANKS						INCL. ACCT. 2316.B		
2312.D		WATER TREATMENT SYSTEM								
2312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	250	TN	-40.00 MTL		-10,000	2.025 506 45.40 WEQP	23,000	13,000

F E R C A C C O U N T S D E T A I L S

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	LABOR WAGE RATE	LABOR COST	TOTAL COST
2312.F		FUEL OIL EQUIPMENT								INCL. ACCT. 5312.F	
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	1600 TN	-40.00 MTL		-64,000	2.025	3240	45.40 WEQP	147,000	83,000
2312.H		ASH HANDLING EQUIPMENT									
2312.H1	SCR MTL	EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.700	270	45.40 WEQP	12,000	8,000
2312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)								INCL. ACCT. 2311	
2312.M		FUEL EQUIPMENT - MATERIAL HANDLING									
2312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	70 TN	-40.00 MTL		-3,000	2.700	189	45.40 WEQP	9,000	6,000
2312.M2	--- MTL	BUILDINGS AND TOWERS								INCL. ACCT. 5312.M	
2312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)								INCL. ACCT. 2311	
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS							INCL. ACCT. 2311.A94	
TOTAL 312.2						-791,000		56,548		5,722,000	4,931,000

FERC ACCOUNTS DETAILS

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
531		COMMON FACILITIES										
5312.F		FUEL OIL EQUIPMENT										
5312.F1	SCR MTL	2 WATER TANKS & 2 WAREHOUSES - "FORMER" FUEL OIL STORAGE TANKS -	5110	TN	-40.00 MTL		-204,000	2.672 13654	45.40 WEGP	620,000	416,000	
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.672 187	45.40 WEGP	8,000	5,000	
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS						INCL. ACCT. 5311.B6				
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	1230	TN	-40.00 MTL		-49,000	2.672 3287	45.40 WEGP	149,000	100,000	
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
5312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, RECLAIM EQUIPMENT	1200	TN	-40.00 MTL		-48,000	2.700 3240	45.40 WEGP	147,000	99,000	
5312.M2	--- SLD	BUILDINGS AND TOWERS - CRUSHER HOUSE	57120	CF				0.008 457	50.88 WMSR	23,000	23,000	
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	1765	CY		CONC		1.200 2118	50.68 WCON	107,000	107,000	
TOTAL 312.C								-304,000	22,943		1,054,000	750,000

F E R C A C C O U N T S D E T A I L S

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	1035	TN	-40.00		-41,000	2.025	2096	45.40	95,000	54,000
					MTL					WEQP		
1314.B2	SCR MTL	CONDENSER	406	TN	-40.00		-16,000	2.025	822	45.40	37,000	21,000
					MTL					WEQP		
1314.B3	--- SLD	TURBINE PEDESTAL	1512	CY				1.800	2722	50.68	138,000	138,000
					CONC					WCON		
1314.B4		TURBINE PLANT PIPING AND HANGERS								INCL. ACCT. 1312.G		
1314.C		CIRCULATING WATER SYSTEM										
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL					WEQP		
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	50.68	41,000	41,000
										WCON		
1314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 1314.C1		
1314.C4	--- MTL	GANTRY CRANE	1	EA				150.000	150	45.40	7,000	7,000
										WEQP		
1314.C5		MECHANICAL DRAFT COOLING WATER TOWER								SEE EST. C.T.HELPER		
TOTAL 314.1							-71,000		7,302		350,000	279,000

F E R C A C C O U N T S D E T A I L S

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MHRS			WAGE RATE	
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1150	TN	-40.00		-46,000	2.025	2329	45.40	106,000	60,000
					MTL					WEQP		
2314.B2	SCR MTL	CONDENSER	410	TN	-40.00		-16,000	2.025	830	45.40	38,000	22,000
					MTL					WEQP		
2314.B3	--- SLD	TURBINE PEDESTAL	1371	CY				1.800	2468	50.68	125,000	125,000
					CONC					WCON		
2314.B4		TURBINE PLANT PIPING AND HANGERS									INCL. ACCT. 2312.G	
2314.C		CIRCULATING WATER SYSTEM										
2314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL					WEQP		
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	50.68	41,000	41,000
										WCON		
2314.C3	--- MTL	INTAKE RACKS, MISC.									INCL. ACCT. 2314.C1	
2314.C4	--- MTL	GANTRY CRANE									INCL. ACCT. 1314.C4	
2314.C5		MECHANICAL DRAFT COOLING WATER TOWER									SEE EST. C.T.HELPER	
TOTAL 314.2							-76,000		7,139		342,000	266,000

F E R C A C C O U N T S D E T A I L S

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE	LABOR COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	719	TN	-40.00		-29,000	2.672	1921	45.40	87,000	58,000
										WEQP		
1315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, PIERS, CURBS, BASIN	300	CY		CONC		1.080	324	50.68	16,000	16,000
										WCON		
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	264000	LB	-0.50	SCRC	-132,000					-132,000
		TOTAL 315.1					-161,000		2,245		103,000	-58,000

F E R C A C C O U N T S D E T A I L S

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	80	TN	-40.00 MTL		-3,000	2.672	214	45.40 WEQP	10,000	7,000
2315.B		CABLE TRAYS & DUCTRUNS							INCL. ACCT. 5311.C			
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	100	CY		CONC		1.080	108	50.68 WCON	5,000	5,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	28000	LB	-0.50 SCRC		-14,000					-14,000
TOTAL 315.2							-17,000		322		15,000	-2,000

F E R C A C C O U N T S D E T A I L S

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE LABOR COST			
531		COMMON FACILITIES								
5315		ACCESSORY ELECTRICAL EQUIPMENT								
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	113 TN	-40.00 MTL	-5,000	2.672	302 45.40 WEQP	14,000	9,000	
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C			
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	100 CY		CONC	1.080	108 50.68 WCON	5,000	5,000	
5317		SCRAP VALUE								
5317.B	SCR SCR	SCRAP VALUE OF COPPER	42000 LB	-0.50 SCRC	-21,000				-21,000	
TOTAL 315.C								410	19,000	-7,000

F E R C A C C O U N T S D E T A I L S

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNHR RATE	LABOR MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
131		UNIT # 1									
1316		MISCELLANEOUS POWER PLANT EQUIPMENT									
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	526 TN	-40.00 MTL		-21,000	2.025	1065	45.40 WEQP	48,000	27,000
1316.B	SCR MTL	MISC. SMALL TANKS	111 TN	-40.00 MTL		-4,000	2.672	297	45.40 WEQP	13,000	9,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 70/30 TON	1 EA				267.188	267	44.84 WSTL	12,000	12,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1 EA				28.125	28	44.84 WSTL	1,000	1,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1 LT				337.500	338	45.40 WEQP	15,000	15,000
TOTAL 316.1						-25,000		1,995		89,000	64,000

F E R C A C C O U N T S D E T A I L S

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***		*** L A B O R ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE	WAGE RATE	LABOR COST
231		UNIT # 2										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	540	TN	-40.00 MTL		-22,000	2.025	1094	45.40 WEQP	50,000	28,000
2316.B	SCR MTL	MISC. SMALL TANKS	52	TN	-40.00 MTL		-2,000	2.672	139	45.40 WEQP	6,000	4,000
2316.C		TURBINE ROOM O.H. CRANE 70/30 TON										
								INCL. ACCT.	1316.C	WSTL		
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				337.500	338	45.40 WEQP	15,000	15,000
		TOTAL 316.2					-24,000		1,571		71,000	47,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	LABOR WAGE RATE	LABOR COST	TOTAL COST
900	---	INDIRECT EXPENSES										
	IND											
900.1	---	FPC INDIRECT EXPENSES	1	LS								
	IND											
900.11	---	FPC ENGINEERING ALLOCATION	1	LS							173,000	173,000
	IND											
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							117,000	117,000
	IND											
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS							270,000	270,000
	IND											
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS							16,000	16,000
	IND											
900.15	---	FPC SUPERVISION	1	LS							216,000	216,000
	IND											
900.16	---	SECURITY SERVICES	1	LS							280,000	280,000
	IND											
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							162,000	162,000
	IND											
900.18	---	PERMITS	1	LS							17,000	17,000
	IND											
TOTAL IND											1,251,000	1,251,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 25
Estimate No: 164160
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 16MAY00

Price Level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	28,604	3,758,000
DDBR	270	30,000
DSLQ	12,167	1,276,000
WBLR	43,870	2,119,000
WCON	60,562	3,067,000
WEQP	72,682	3,299,000
WMSR	80,593	4,100,000
WROF	758	43,000
WSIT	51,676	3,470,000
WSTL	7,183	321,000
TOTAL	358,365	21,483,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	670,920 CF	0
CONC	60,512 CY	0
DISP	176,300 CY	0
EXC	596,300 CY	0
FILL	420,000 CY	0
GALL	110,298 SF	0
MSRY	23,763 SF	0
MTL	57,594 TN	-2,302,000
PVMT	20,000 SY	0
ROOF	68,933 SF	0
SCRC	334,000 LB	-167,000
SCRM	57,460 TN	0
SDNG	18,180 SF	0
SEED	130 AC	130,000
TRNS	214,327 SF	0
VOID	806,755 CY	0
TOTAL		-2,339,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

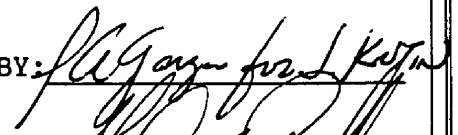
PREPARED FOR

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
COAL FIRED UNITS

SARGENT & LUNDY

ESTIMATE NO. 16417C
PROJECT NO. 9991-003
May 17, 2000

REVIEWED BY:



APPROVED BY:

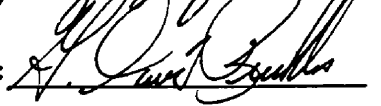


TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	25

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16417C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 4		-1,717,000	6,845,000	5,128,000
231	UNIT # 5		-1,611,000	6,278,000	4,667,000
531	COMMON FACILITIES		-139,000	5,858,000	5,719,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			4,035,000	4,035,000
	TOTAL CONSTRUCTION COSTS		-3,467,000	23,016,000	19,549,000
	INDIRECT EXPENSES				1,225,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,116,000
	TOTAL PROJECT COST				23,890,000
	AFUDC				
	GRAND TOTAL COST				23,890,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16417C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE				
DSL	OFF-SITE DISPOSAL			4,035,000	4,035,000
IND	INDIRECT COSTS			1,225,000	1,225,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			7,675,000	7,675,000
SCR	SCRAP VALUE		-3,642,000		-3,642,000
SIT	SITE WORK		175,000	3,898,000	4,073,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			7,408,000	7,408,000
TOTAL CONSTRUCTION COSTS			-3,467,000	24,241,000	20,774,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					3,116,000
TOTAL PROJECT COST					23,890,000
AFUDC					
GRAND TOTAL COST					23,890,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16417C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.4	UNIT 4 - STRUCTURES AND IMPROVEMENTS		-588,000	1,658,000	1,070,000
311.5	UNIT 5 - STRUCTURES AND IMPROVEMENTS		-525,000	1,397,000	872,000
311.C	COMMON SITE FACILITIES		159,000	8,924,000	9,083,000
312.4	UNIT 4 - BOILER PLANT		-905,000	3,340,000	2,435,000
312.5	UNIT 5 - BOILER PLANT		-905,000	3,074,000	2,169,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-216,000	913,000	697,000
314.4	UNIT 4 - TURBINE PLANT		-111,000	1,690,000	1,579,000
314.5	UNIT 5 - TURBINE PLANT		-111,000	1,690,000	1,579,000
315.4	UNIT 4 - ACCESSORY ELECTRICAL EQUIPMENT		-85,000	56,000	-29,000
315.5	UNIT 5 - ACCESSORY ELECTRICAL EQUIPMENT		-42,000	28,000	-14,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-82,000	56,000	-26,000
316.4	UNIT 4 - MISC. POWER PLANT EQUIPMENT		-28,000	102,000	74,000
316.5	UNIT 5 - MISC. POWER PLANT EQUIPMENT		-28,000	88,000	60,000
IND	INDIRECT EXPENSES			1,225,000	1,225,000
	TOTAL CONSTRUCTION COSTS		-3,467,000	24,241,000	20,774,000

F E R C A C C O U N T S D E T A I L S

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 17MAY00

Price level: 2000

311.4: UNIT 4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
131		UNIT # 4									
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
1311.A		MAIN POWER BLOCK DEMOLITION (15,566,395 CF)									
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	12900 CY		CONC		0.844	10888	50.68 WCON	552,000	552,000
1311.A2		WALLS									
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	46703 SF		MSRY		0.008	374	50.88 WMSR	19,000	19,000
1311.A22	--- MTL	EXTERIOR WALLS - METAL WALL PANELS	199471 SF		SDNG		0.006	1197	50.88 WMSR	61,000	61,000
1311.A23	--- MTL	TRANSITE SIDING					N/A		WMSR		
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	3980 CY		CONC		0.599	2384	50.68 WCON	121,000	121,000
1311.A4		STRUCTURAL AND GALLERY STEEL									
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	14707 TN	-40.00	MTL	-588,000	1.016	14942	44.84 WSTL	670,000	82,000
1311.A42	--- MTL	GALLERY GRATING	181020 SF		GALL		INCL. ACCT.		1311.A4 WSTL		
1311.A5		METAL ROOF DECK AND ROOFING									
1311.A51	--- SLD	BOILER ROOM	47968 SF		ROOF		0.011	528	55.80 WROF	29,000	29,000
1311.A52	--- SLD	TURBINE ROOM	27984 SF		ROOF		0.011	308	55.80 WROF	17,000	17,000
1311.A53	--- SLD	CONTROL HOUSE					INCL.ACCT.		1311.A52,5		
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA					INCL.ACCT		1311.A52,3		

F E R C A C C O U N T S D E T A I L S

311.4: UNIT 4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST		
1311.A55	--- SLD	AIR HEATER RM, TRIP. RM, MISC.	20120	SF				0.011	221	55.80 WROF	12,000	12,000		
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA				150.000	150	45.40 WEQP	7,000	7,000		
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				1500	1500	45.40 WEQP	68,000	68,000		
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				2250	2250	45.40 WEQP	102,000	102,000		
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	11	EA				INCL. ACCT. 1311.A8						
1311.A82	--- MTL	FIXTURES	5596	EA				INCL. ACCT. 1311.A8						
1311.A83	--- MTL	MISC. ELECTRICAL	1	LS				INCL. ACCT. 1311.A8						
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL												
1311.A91	--- ASB	TRANSITE WALL						N/A		WMSR				
1311.A92	--- ASB	TRANSITE SEWER PIPE						N/A						
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A						
TOTAL 311.4											-588,000	34,742	1,658,000	1,070,000

F E R C A C C O U N T S D E T A I L S

311.5: UNIT 5 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS	WAGE RATE		LABOR COST
231		UNIT # 5								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.A		MAIN POWER BLOCK DEMOLITION (13,098,395 CF)								
2311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	11225 CY		CONC		0.844 9474	50.68 WCON	480,000	480,000
2311.A2		WALLS								
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	16090 SF		MSRY		0.008 129	50.88 WMSR	7,000	7,000
2311.A22	--- MTL	EXTERIOR WALLS - METAL WALL PANELS	199105 SF		SDNG		0.005 996	50.88 WMSR	51,000	51,000
2311.A23	--- MTL	TRANSITE SIDING WALLS & ROOF					N/A	WMSR		
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	2342 CY		CONC		0.599 1403	50.68 WCON	71,000	71,000
2311.A4		STRUCTURAL AND GALLERY STEEL								
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	13130 TM	-40.00 MTL		-525,000	1.016 13340	44.84 WSTL	598,000	73,000
2311.A42	--- MTL	GALLERY GRATING	170687 SF		GALL		INCL. ACCT. 2311.A4	WSTL		
2311.A5		METAL ROOF DECK AND ROOFING						WROF		
2311.A51	--- SLD	BOILER ROOM	36006 SF		ROOF		0.011 396	55.80 WROF	22,000	22,000
2311.A52	--- SLD	TURBINE ROOM	26674 SF		ROOF		0.011 293	55.80 WROF	16,000	16,000
2311.A53	--- SLD	CONTROL HOUSE					INCL. ACCT. 1311			
2311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA					INCL. ACCT. 1311			
2311.A55	--- SLD	AIR HEATER RM, MISC.	4014 SF		ROOF		0.011 44	55.80 WROF	2,000	2,000

F E R C A C C O U N T S D E T A I L S

311.5: UNIT 5 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
2311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				150.000	150	45.40	7,000	7,000
										WEQP		
2311.A7	--- MTL	M/BLDG HVAC	1	LS				1500	1500	45.40	68,000	68,000
										WEQP		
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				1650	1650	45.40	75,000	75,000
										WEQP		
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	11	EA				INCL. ACCT. 2311.A8				
2311.A82	--- MTL	FIXTURES	2209	EA				INCL. ACCT. 2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS				INCL. ACCT. 2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A91	--- ASB	TRANSITE WALL & ROOF				TRNS		N/A			WMSR	
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A			WMSR	
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A			WMSR	
TOTAL 311.5								-525,000	29,375		1,397,000	872,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE	
131		UNIT # 4								
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
1311.B		OUTLYING STRUCTURES DEMOLITION								INCL. ACCT. 5311
1311.C		SITE WORK AND SITE STRUCTURES DEMOLITION								INCL. ACCT. 5311
231		UNIT # 5								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.B		OUTLYING STRUCTURES DEMOLITION								INCL. ACCT. 5311
2311.C		SITE WORK AND SITE STRUCTURES DEMOLITION								INCL. ACCT. 5311
531		COMMON FACILITIES								
5311		COMMON FACILITIES								
5311.A		SITE EXCAVATION								
5311.A1	---	ASH RUN-OFF PONDS EXCAVATE 2' DEEP	48400 CY		EXC					INCL. ACCT. 7311.C82
5311.A2	---	PERCOLATION PONDS	58600 CY		EXC					INCL. ACCT. 7311.C82
5311.A3	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	2000 CY		EXC					INCL. ACCT. 7311.C82
5311.A4	---	BERMS AND DIKES EXCAVATION	22000 CY		EXC		0.060	1320	67.15	89,000 89,000 WSIT
5311.A5	---	BORROW EXCAVATION	479000 CY		EXC		0.060	28740	67.15	1,930,000 1,930,000 WSIT
5311.A6	---	FILL	495000 CY							INCL.ACCT.5311.C8,C9
5311.B		OUTLYING STRUCTURES DEMOLITION								
5311.B1	---	WAREHOUSES AND STOREROOMS	CF		BLDG					INCL.1-4 COMMON FAC WMSR
5311.B2	---	GUARDHOUSE								INCL. ACCT.5311.B45

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS							
5311.B41	--- SLD	WATER TREATM., CHEM. FEED407330 CF & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE				BLDG		0.004 1629 50.88 WMSR	83,000 83,000
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING				BLDG		INCL.1-4 COMMON FACL WMSR	
5311.B43	--- SLD	FIRE PROTECTION AND MAKE-UP PUMPHSE - STEEL FRAME /CONCRETE BLOCK	140000	CF		BLDG		0.006 840 50.88 WMSR	43,000 43,000
5311.B44	--- SLD	PRECIPITATOR CONTROL BUILDING 2 EA - STEEL FRAME /CONCRETE BLOCK	210460	CF		BLDG		0.006 1263 50.88 WMSR	64,000 64,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	79500	CF		BLDG		0.006 477 50.88 WMSR	24,000 24,000
5311.B46	--- ASB	TRANSITE WALL				TRNS		N/A WMSR	
5311.B47	SCR MTL	WATER MGMT BLDG AND MISC. STRUCTURAL AND GIRT STEEL	400	TN	-40.00 MTL		-16,000	1.016 406 44.84 WSTL	18,000 2,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	3675	CY		CONC		1.125 4134 50.68 WCON	210,000 210,000
5311.B6	--- SLD	TANK AND PUMP FOUNDATIONS & CONCRETE BERMS INCL. NEUTR. TANK	1680	CY		CONC		0.563 946 50.68 WCON	48,000 48,000
5311.B7	--- SLD	CONCRETE WATER SOFTERER TANKS				CONC		INCL. W/UNITS 1 & 2 WCON	
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							
5311.C1	--- MTL	R/R TRACKS						INCL.1-4 COMMON FACL	
5311.C2		ROADS & PAVEMENTS							
5311.C21	--- SLD	PAVED SURFACES	40660	SY		PVMT		0.120 4879 67.15 WSIT	328,000 328,000
5311.C22	--- SLD	CONCRETE WALKWAYS	65	CY		CONC		0.525 34 50.68 WCON	2,000 2,000
5311.C23	--- SLD	CONCRETE CURBS	21400	LF				0.012 257 67.15 WSIT	17,000 17,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
5311.C3	--- MTL	FENCES AND GATES	17966 LF							REMAIN IN PLACE	
5311.C4		YARD DRAINAGE	1 LS							ABANDON IN PLACE	
5311.C5		FIRE LINES & HYDRANTS									
5311.C51		UNDERGROUND FIRE LINES								ABANDON IN PLACE	
5311.C52	--- MTL	HYDRANTS	1 LS				187.500	188	67.15 WSIT	13,000	13,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1 LS				750.000	750	50.68 WCON	38,000	38,000
5311.C61	--- SLD	PRESTRESSED CONCRETE AND FLOODLIGHT POLES								INCL. ACCT. 5311.C6	
5311.C62		CABLE AND CONDUIT								ABANDON IN PLACE	
5311.C7		INTAKE & DISCHARGE STRUCTURES									
5311.C71		DOCKS								REMAIN IN PLACE	
5311.C73		INTAKE STRUCTURE								REMAIN IN PLACE	
5311.C731		INTAKE CLOSURE	1 LS							NOT REQUIRED	
5311.C732		INTAKE WELL - "VOID"	8000 CY							VOID	INCL. IN WRKG
5311.C733	SLD SLD	C.W. PUMP HSES, INTAKE & MAKE-UP STRUCTURE	2500 CY				0.750	1875	50.68 WCON	95,000	95,000
5311.C74		DISCHARGE CANAL - "VOID" VOLUME								INCL. W/UNITS 1 & 2	
5311.C741	SIT SIT	DISCHARGE CLOSURE	1 LS	22000		22,000				19,000	41,000
5311.C742	SLD SLD	DISCHARGE OUTFALL STRUCTURE	200 CY			CONC	0.750	150	50.68 WCON	8,000	8,000
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING									
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS								INCL. IN WRKG	
5311.C811	--- DSL	MAIN BUILDING BSMT								N/A	
5311.C812	--- DSL	DRAINAGE DITCHING ON SITE PERIMETER AND PONDS	109000 CY			VOID					

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST	
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	1500 CY			VOID						
5311.C82		OFF-SITE DISPOSAL								INCL. ACCT. 7311		
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	495000 CY			FILL	0.050	24750	67.15	1,662,000	1,662,000	
5311.C92	SIT SIT	SEED & MULCH SITE	153 AC	1000.00		SEED	153,000	19.275	2949	67.15	198,000	351,000
5314		DISCHARGE FLUME ON COOLING TOWERS									INCL W/CT 1314,2314	
731		OFF-SITE DISPOSAL										
7311.C82		OFF-SITE DISPOSAL										
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE	48400 CY			DISP	0.197	9535	131.39	DASH	1,253,000	1,253,000
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	60600 CY			DISP	0.433	26240	104.87	DSL	2,752,000	2,752,000
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL								N/A		
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	3000 CY			DISP	0.090	270	109.45	DDBR	30,000	30,000
TOTAL 311.C							159,000		111,632		8,924,000	9,083,000

F E R C A C C O U N T S D E T A I L S

312.4: UNIT 4 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR
131		UNIT # 4								
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
1311.A		MAIN POWER BLOCK DEMOLITION (15,566,395 CF)								
1311.A9		DEMOLITION AND REMOVAL OF MAIN BUILDING HAZARDOUS MATERIAL								
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION					N/A			
1312		BOILER PLANT								
1312.A	SCR MTL	BOILER AND APPURTENANCES	11300	TN	-40.00 MTL		-452,000	2.025 22883 48.30 WBLR	1,105,000	653,000
1312.B		DRAFT EQUIPMENT								
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-40.00 MTL		-68,000	2.672 4542 45.40 WEQP	206,000	138,000
1312.B2	SCR MTL	PRECIPITATOR	5700	TN	-40.00 MTL		-228,000	2.025 11543 45.40 WEQP	524,000	296,000
1312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 1312.A		
1312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 600'H	7000	CY		CONC		0.844 5908 50.68 WCON	299,000	299,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	10070	CY		CONC		1.080 10876 50.68 WCON	551,000	551,000
1312.B6	SCR MTL	DUCT COLLECTORS - EQUIPMENT	250	TN	-40.00 MTL		-10,000	2.672 668 45.40 WEQP	30,000	20,000
1312.C		FEED WATER SYSTEM								
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	200	TN	-40.00 MTL		-8,000	2.025 405 45.40 WEQP	18,000	10,000
1312.C2		CONDENSATE TANKS						INCL. ACCT. 1316.B		
1312.D		WATER TREATMENT SYSTEM								
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	250	TN	-40.00 MTL		-10,000	2.025 506 45.40 WEQP	23,000	13,000

F E R C A C C O U N T S D E T A I L S

312.4: UNIT 4 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
1312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	2500	TN	-40.00 MTL		-100,000	2.025	5063	45.40 WEQP	230,000	130,000
1312.H		ASH HANDLING EQUIPMENT										
1312.H1	SCR MTL	EQUIPMENT	350	TN	-40.00 MTL		-14,000	2.700	945	45.40 WEQP	43,000	29,000
1312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	3600	CY		CONC		1.200	4320	50.68 WCON	219,000	219,000
1312.H3	--- SLD	ASH HAUL BRIDGES - 2EA	765	CY		CONC		1.200	918	50.68 WCON	47,000	47,000
1312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
1312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	370	TN	-40.00 MTL		-15,000	2.700	999	45.40 WEQP	45,000	30,000
1312.M2	--- MTL	BUILDINGS AND TOWERS						INCL. ACCT. 5312.M				
1312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)						INCL. ACCT. 1311				
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION						N/A				
TOTAL 312.4							-905,000		69,576		3,340,000	2,435,000

F E R C A C C O U N T S D E T A I L S

312.5: UNIT 5 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		LABOR WAGE RATE
231		UNIT # 5								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.A		MAIN POWER BLOCK DEMOLITION (13,098,395 CF)								
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION					N/A			
2312		BOILER PLANT								
2312.A	SCR MTL	BOILER AND APPURTENANCES	11300	TN	-40.00 MTL		-452,000	2.025 22883 48.30 WBLR	1,105,000	653,000
2312.B		DRAFT EQUIPMENT								
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-40.00 MTL		-68,000	2.672 4542 45.40 WEQP	206,000	138,000
2312.B2	SCR MTL	PRECIPITATOR	5700	TN	-40.00 MTL		-228,000	2.025 11543 45.40 WEQP	524,000	296,000
2312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 2312.A		
2312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 600'H	7000	CY		CONC		0.844 5908 50.68 WCON	299,000	299,000
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	10070	CY		CONC		1.080 10876 50.68 WCON	551,000	551,000
2312.B6	SCR MTL	DUCT COLLECTORS - EQUIPMENT	250	TN	-40.00 MTL		-10,000	2.672 668 45.40 WEQP	30,000	20,000
2312.C		FEED WATER SYSTEM								
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	200	TN	-40.00 MTL		-8,000	2.025 405 45.40 WEQP	18,000	10,000
2312.C2		CONDENSATE TANKS						INCL. ACCT. 2316.B		
2312.D		WATER TREATMENT SYSTEM								
2312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	250	TN	-40.00 MTL		-10,000	2.025 506 45.40 WEQP	23,000	13,000

F E R C A C C O U N T S D E T A I L S

312.5: UNIT 5 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	*** MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNHR RATE	*** LABOR MNHRS	*** WAGE RATE	*** LABOR COST	TOTAL COST
2312.F		FUEL OIL EQUIPMENT									
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	2500 TN	-40.00 MTL		-100,000	2.025	5063	45.40 WEQP	230,000	130,000
2312.H		ASH HANDLING EQUIPMENT									
2312.H1	SCR MTL	EQUIPMENT	350 TN	-40.00 MTL		-14,000	2.700	945	45.40 WEQP	43,000	29,000
2312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)			CONC						
2312.H3	--- SLD	ASH HAUL BRIDGES - 2EA			CONC						
2312.M		FUEL EQUIPMENT - MATERIAL HANDLING									
2312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	370 TN	-40.00 MTL		-15,000	2.700	999	45.40 WEQP	45,000	30,000
2312.M2	--- MTL	BUILDINGS AND TOWERS									
2312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)									
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION									
TOTAL 312.5						-905,000		64,338		3,074,000	2,169,000

F E R C A C C O U N T S D E T A I L S

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
531		COMMON FACILITIES									
5312.F		FUEL OIL EQUIPMENT									
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 2 EA @ 250,000 GAL	180 TN	-40.00 MTL		-7,000	2.672	481	45.40 WEQP	22,000	15,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70 TN	-40.00 MTL		-3,000	2.672	187	45.40 WEQP	8,000	5,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS							INCL. ACCT. 5311.B6		
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	855 TN	-40.00 MTL		-34,000	2.672	2285	45.40 WEQP	104,000	70,000
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING									
5312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BRIDGES, BENTS, RECLAIM EQUIPMENT	4000 TN	-40.00 MTL		-160,000	2.700	10800	45.40 WEQP	490,000	330,000
5312.M2	SCR MTL	BUILDINGS AND TOWERS - CRUSHER HOUSE	300 TN	-40.00 MTL		-12,000	2.700	810	44.84 WSTL	36,000	24,000
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	4165 CY		CONC		1.200	4998	50.68 WCON	253,000	253,000
TOTAL 312.C						-216,000		19,561		913,000	697,000

F E R C A C C O U N T S D E T A I L S

314.4: UNIT 4 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
131		UNIT # 4									
1314		TURBINE PLANT									
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES									
1314.B1	SCR MTL	TURBINE GENERATOR	1900	TN	-40.00 MTL		-76,000	2.025 3848	45.40 WEQP	175,000	99,000
1314.B2	SCR MTL	CONDENSER	430	TN	-40.00 MTL		-17,000	2.025 871	45.40 WEQP	40,000	23,000
1314.B3	--- SLD	TURBINE PEDESTAL	2705	CY		CONC		1.800 4869	50.68 WCON	247,000	247,000
1314.B4		TURBINE PLANT PIPING AND HANGERS						INCL. ACCT.	1312.G		
1314.C		CIRCULATING WATER SYSTEM									
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	450	TN	-40.00 MTL		-18,000	2.025 911	45.40 WEQP	41,000	23,000
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				900.000 900	50.68 WCON	46,000	46,000
1314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT.	1314.C1		
1314.C4	--- MTL	GANTRY CRANE	1	EA				150.000 150	45.40 WEQP	7,000	7,000
1314.C5		NATURAL DRAFT COOLING WATER TOWER									
1314.C51	--- SLD	CONCRETE COOLING TOWER 330'D X 445'H	1	EA				22373 22373	50.68 WCON	1,134,000	1,134,000
1314.C52	--- SLD	SHELL, FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	27680	CY		CONC		INCL. ACCT.	1314.C51 WCON		
TOTAL 314.4							-111,000		33,922	1,690,000	1,579,000

PERC ACCOUNTS DETAILS

314.5: UNIT 5 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE	
231		UNIT # 5										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1900	TN	-40.00		-76,000	2.025	3848	45.40	175,000	99,000
					MTL					WEQP		
2314.B2	SCR MTL	CONDENSER	430	TN	-40.00		-17,000	2.025	871	45.40	40,000	23,000
					MTL					WEQP		
2314.B3	--- SLD	TURBINE PEDESTAL	2705	CY				1.800	4869	50.68	247,000	247,000
						CONC				WCON		
2314.B4		TURBINE PLANT PIPING AND HANGERS									INCL. ACCT. 2312.G	
2314.C		CIRCULATING WATER SYSTEM										
2314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	450	TN	-40.00		-18,000	2.025	911	45.40	41,000	23,000
					MTL					WEQP		
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				900.000	900	50.68	46,000	46,000
										WCON		
2314.C3	--- MTL	INTAKE RACKS, MISC.									INCL. ACCT. 2314.C1	
2314.C4	--- MTL	GANTRY CRANE	1	EA				150.000	150	45.40	7,000	7,000
										WEQP		
2314.C5		NATURAL DRAFT COOLING WATER TOWER										
2314.C51	--- SLD	CONCRETE COOLING TOWER 330'D X 445'H	1	EA				22373	22373	50.68	1,134,000	1,134,000
										WCON		
2314.C52	--- SLD	SHELL, FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	27680	CY							INCL. ACCT. 2314.C51	
						CONC				WCON		
TOTAL 314.5							-111,000			33,922	1,690,000	1,579,000

F E R C A C C O U N T S D E T A I L S

315.4: UNIT 4 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 4										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	368	TN	-40.00		-15,000	2.672	983	45.40	45,000	30,000
										WEQP		
1315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, PIERS, CURBS, BASIN	200	CY		CONC		1.080	216	50.68	11,000	11,000
										WCON		
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	140000	LB	-0.50		-70,000					-70,000
		TOTAL 315.4					-85,000		1,199		56,000	-29,000

F E R C A C C O U N T S D E T A I L S

315.5: UNIT 5 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 5										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	189	TN	-40.00 MTL		-8,000	2.672	505	45.40 WEQP	23,000	15,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	100	CY		CONC		1.080	108	50.68 WCON	5,000	5,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	68000	LB	-0.50 SCRC		-34,000					-34,000
		TOTAL 315.5					-42,000		613		28,000	-14,000

F E R C A C C O U N T S D E T A I L S

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE LABOR COST		
531		COMMON FACILITIES							
5315		ACCESSORY ELECTRICAL EQUIPMENT							
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	368 TN	-40.00 MTL	-15,000	2.672 983	45.40 WEQP	45,000	30,000
5315.B		CABLE TRAYS & DUCTRUNS				INCL. ACCT. 5311.C			
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	200 CY		CONC	1.080 216	50.68 WCON	11,000	11,000
5317		SCRAP VALUE							
5317.B	SCR SCR	SCRAP VALUE OF COPPER	134000 LB	-0.50 SCRC	-67,000				-67,000
		TOTAL 315.C			-82,000		1,199	56,000	-26,000

F E R C A C C O U N T S D E T A I L S

316.4: UNIT 4 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL RATE	EQUIPMENT COST	*** MATERIAL COST	*** MNHR RATE	LABOR MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
131		UNIT # 4										
1316		MISCELLANEOUS POWER PLANT EQUIPMENT										
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	570	TN	-40.00		-23,000	2.025	1154	45.40	52,000	29,000
					MTL					WEQP		
1316.B	SCR MTL	MISC. SMALL TANKS	122	TN	-40.00		-5,000	2.672	326	45.40	15,000	10,000
					MTL					WEQP		
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 80/40 TON	1	EA				300.000	300	44.84	13,000	13,000
										WSTL		
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	44.84	1,000	1,000
										WSTL		
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				450.000	450	45.40	20,000	20,000
										WEQP		
231		UNIT # 5										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	44.84	1,000	1,000
										WSTL		
		TOTAL 316.4					-28,000	2,286		102,000		74,000

F E R C A C C O U N T S D E T A I L S

316.5: UNIT 5 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
231		UNIT # 5										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	570	TN	-40.00 MTL		-23,000	2.025	1154	45.40 WEQP	52,000	29,000
2316.B	SCR MTL	MISC. SMALL TANKS	130	TN	-40.00 MTL		-5,000	2.672	347	45.40 WEQP	16,000	11,000
2316.C		TURBINE ROOM O.H. CRANE 70/30 TON							INCL. ACCT. 1316.C WSTL			
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				450.000	450	45.40 WEQP	20,000	20,000
		TOTAL 316.5					-28,000		1,951		88,000	60,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	--- IND	INDIRECT EXPENSES							
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS					
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS				173,000	173,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				93,000	93,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS				270,000	270,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS				14,000	14,000
900.15	--- IND	FPC SUPERVISION	1	LS				216,000	216,000
900.16	--- IND	SECURITY SERVICES	1	LS				280,000	280,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				162,000	162,000
900.18	--- IND	PERMITS	1	LS				17,000	17,000
		TOTAL IND						1,225,000	1,225,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 25
Estimate No: 16417C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	9,535	1,253,000
DDBR	270	30,000
DSLQ	26,240	2,752,000
WBLR	45,766	2,210,000
WCON	132,666	6,725,000
WEGP	88,207	4,003,000
WMSR	6,905	352,000
WROF	1,790	98,000
WSIT	63,083	4,237,000
WSTL	29,854	1,337,000
TOTAL	404,316	22,997,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	837,290	CF	0
CONC	142,507	CY	0
DISP	112,000	CY	0
EXC	610,000	CY	0
FILL	495,000	CY	0
GALL	351,707	SF	0
MSRY	62,793	SF	0
MTL	86,759	TN	-3,471,000
PVMT	40,660	SY	0
ROOF	162,766	SF	0
SCRC	342,000	LB	-171,000
SCRM	85,585	TN	0
SDNG	398,576	SF	0
SEED	153	AC	153,000
TRNS	0		0
VOID	118,500	CY	0
TOTAL			-3,489,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
COAL FIRED UNITS

SARGENT & LUNDY

ESTIMATE NO. 16418D
PROJECT NO. 9991-003
May 13, 2000

REVIEWED BY:

[Handwritten signature] KUTW

APPROVED BY:

[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	9

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 164180
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 13MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
531	UNITS 1,2,4 & 5 COMMON FACILITIES		-46,000	5,271,000	5,225,000
731	OFF-SITE DISPOSAL				INCL. W/UNITS
	TOTAL CONSTRUCTION COSTS		-46,000	5,271,000	5,225,000
	INDIRECT EXPENSES				597,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				873,000
	TOTAL PROJECT COST AFUDC				6,695,000
	GRAND TOTAL COST				6,695,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

W O R K P A C K A G E S U M M A R Y

FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16418D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 13MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL				
IND	INDIRECT COSTS			597,000	597,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,138,000	1,138,000
SCR	SCRAP VALUE		-132,000		-132,000
SIT	SITE WORK		86,000	2,164,000	2,250,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,969,000	1,969,000
TOTAL CONSTRUCTION COSTS			-46,000	5,868,000	5,822,000

INDIRECT EXPENSES	(included above)
ESCALATION	
SALES/USE TAX	
CONTINGENCY	873,000

TOTAL PROJECT COST AFUDC	6,695,000
-----------------------------	-----------

GRAND TOTAL COST	6,695,000
------------------	-----------

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
 Material 0.000%
 Labor 0.000%
 Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

F E R C A C C O U N T S S U M M A R Y

FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 164180
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 13MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.C	COMMON SITE FACILITIES		86,000	4,676,000	4,762,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-132,000	595,000	463,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT				
IND	INDIRECT EXPENSES			597,000	597,000
	TOTAL CONSTRUCTION COSTS		-46,000	5,868,000	5,822,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	5547	CY				1.125	6240	50.68 WCON	316,000	316,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS						INCL. W/UNITS		WCON		
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION										
5311.C1	--- MTL	R/R TRACKS	52948	TF				0.225	11913	67.15 WSIT	800,000	800,000
5311.C2		ROADS & PAVEMENTS										
5311.C21	--- SLD	PAVED SURFACES - COAL PILE AREA	126000	SY				0.120	15120	67.15 WSIT	1,015,000	1,015,000
5311.C3	--- MTL	FENCES AND GATES	15326	LF								
5311.C4		YARD DRAINAGE	1	LS								
5311.C7		INTAKE & DISCHARGE STRUCTURES										
5311.C71		DOCKS										
5311.C8	--- DSL	MISC. SITE WORK AND MATERIAL HANDLING										
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS										
5311.C82		OFF-SITE DISPOSAL										
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	278000	CY				0.050	13900	67.15 WSIT	933,000	933,000
5311.C92	SIT SIT	SEED & MULCH SITE	86	AC	1000.00 SEED			19.275	1658	67.15 WSIT	111,000	197,000
731		OFF-SITE DISPOSAL										
TOTAL 311.C							86,000		73,005		4,676,000	4,762,000

F E R C A C C O U N T S D E T A I L S

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST		
531		UNITS 1,2,4 & 5 COMMON FACILITIES											
5312.F		FUEL OIL EQUIPMENT							INCL. W/UNITS				
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING											
5312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, RECLAIM EQUIPMENT	2700 TN	-40.00 MTL		-108,000	2.700	7290	45.40 WEQP	331,000	223,000		
5312.M2	SCR SLD	BUILDINGS AND TOWERS - TRANSFER POINTS	610 TN	-40.00 MTL		-24,000	2.700	1647	45.40 WEQP	75,000	51,000		
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	3000 CY		CONC		1.200	3600	50.68 WCON	182,000	182,000		
5312.M4		BARGE TRAVELING UNLOADER AND TRACK SYSTEM							INCL. ACCT. 5312.M1				
5316.A	--- MTL	20 TN GANTRY CRANE	1 EA				150.000	150	45.40 WEQP	7,000	7,000		
TOTAL 312.C										-132,000	12,687	595,000	463,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				26,000	26,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				4,000	4,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						597,000	597,000

Sargent & Lundy
Chicago

E R E C T I O N C R E W M A N - H O U R S
FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 9
Estimate No: 164180
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 13MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
WCON	9,840	498,000
WEQP	9,087	413,000
WMSR	7,494	381,000
WSIT	59,271	3,979,000
TOTAL	85,692	5,271,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	1,248,920 CF	0
CONC	8,547 CY	0
EXC	278,000	0
FILL	278,000 CY	0
MTL	3,310 TN	-132,000
PVMT	126,000 SY	0
RRTK	52,948 TF	0
SCRM	3,310 TN	0
SEED	86 AC	86,000
TOTAL		-46,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
COMMON FACILITIES

SARGENT & LUNDY

ESTIMATE NO. 16419C
PROJECT NO. 9991-003
May 17, 2000

REVIEWED BY:

[Handwritten signature] for J. K. [unclear]

APPROVED BY:

[Handwritten signature]

TABLE OF CONTENTS

Report	Page
Summary.....	1
Work Package Summary.....	2
FERC ACCOUNTS Summary.....	3
FERC ACCOUNTS Details.....	4
Resource Listing.....	11

Sargent & Lundy
Chicago

C O S T S U M M A R Y R E P O R T

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16419C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
531	HELPER COOLING TOWERS - COMMON FACILITIES		-29,000	1,713,000	1,684,000
731	OFF-SITE DISPOSAL				INCL. W/UNITS
	TOTAL CONSTRUCTION COSTS		-29,000	1,713,000	1,684,000
	INDIRECT EXPENSES				578,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				339,000
	TOTAL PROJECT COST AFUDC				2,601,000
	GRAND TOTAL COST				2,601,000

FINANCIAL ASSUMPTIONS:

ESCALATION RATES: Equipment 0.000%
Material 0.000%
Labor 0.000%
Indirects 0.000%

SALES/USE TAX RATES: Equipment 0.000% Material 0.000%

CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16419C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL				
IND	INDIRECT COSTS			578,000	578,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			63,000	63,000
SCR	SCRAP VALUE		-37,000		-37,000
SIT	SITE WORK		8,000	202,000	210,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,448,000	1,448,000
TOTAL CONSTRUCTION COSTS			-29,000	2,291,000	2,262,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					339,000
TOTAL PROJECT COST					2,601,000
AFUDC					
GRAND TOTAL COST					2,601,000
FINANCIAL ASSUMPTIONS:					
ESCALATION RATES: Equipment 0.000%					
Material 0.000%					
Labor 0.000%					
Indirects 0.000%					
SALES/USE TAX RATES: Equipment 0.000% Material 0.000%					
CONTINGENCY RATES: Equipment 0.0% Material 15.0% Labor 15.0% Indirects 15.0%					

Sargent & Lundy
Chicago

F E R C A C C O U N T S S U M M A R Y

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16419C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.C	COMMON SITE FACILITIES		8,000	450,000	458,000
312.C	MATERIAL HANDLING - COMMON FACILITIES				
314.C	COMMON - CIRCULATING WATER SYSTEM		-18,000	94,000	76,000
314.T	COOLING TOWERS - CIRCULATING WATER SYSTEM			1,140,000	1,140,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-19,000	29,000	10,000
IND	INDIRECT EXPENSES			578,000	578,000
	TOTAL CONSTRUCTION COSTS		-29,000	2,291,000	2,262,000

Sargent & Lundy
Chicago

F E R C A C C O U N T S D E T A I L S

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 4
Estimate No: 16419C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	
531		HELPER COOLING TOWERS - COMMON FACILITIES								
5311		COMMON FACILITIES								
5311.A		SITE EXCAVATION						INCL. IN WRKG		
5311.A5	--- SIT	BORROW EXCAVATION	26000	CY		EXC		0.060 1560 67.15 WSIT	105,000	105,000
5311.A6	--- SIT	FILL	26000	CY				INCL.ACCT.5311.C8,C9		
5311.B		OUTLYING STRUCTURES DEMOLITION								
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS								
5311.B41	--- SLD	WATER TREATM., CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE	39850	CF		BLDG		0.004 159 50.88 WMSR	8,000	8,000
5311.B42	--- SLD	ELECTRICAL SERVICES BUILDINGS	75000	CF		BLDG		0.006 450 50.88 WMSR	23,000	23,000
5311.B43	--- SLD	COOLING TOWER SW.GR BUILDINGS - 2 EA	93430	CF		BLDG		0.006 561 50.88 WMSR	29,000	29,000
5311.B44	--- SLD	ANALYZER BUILDINGS 2 EA	5230	CF		BLDG		0.006 31 50.88 WMSR	2,000	2,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	1250	CY		CONC		1.125 1406 50.68 WCON	71,000	71,000
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION								
5311.C1	--- MTL	R/R TRACKS						INCL.1-4 COMMON FACL		
5311.C2		ROADS & PAVEMENTS								
5311.C21	--- SLD	PAVED SURFACES	5000	SY		PVMT		0.120 600 67.15 WSIT	40,000	40,000
5311.C22	--- SLD	CONCRETE WALKWAYS	100	CY		CONC		0.525 53 50.68 WCON	3,000	3,000

F E R C A C C O U N T S D E T A I L S

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
5311.C23	--- SLD	CONCRETE CURBS	2000	LF				0.012	24	67.15 WSIT	2,000	2,000
5311.C3	--- MTL	FENCES AND GATES						REMAIN IN PLACE				
5311.C4		YARD DRAINAGE	1	LS				ABANDON IN PLACE				
5311.C5		FIRE LINES & HYDRANTS						ABANDON IN PLACE				
5311.C51		UNDERGROUND FIRE LINES						ABANDON IN PLACE				
5311.C52	--- MTL	HYDRANTS	1	LS			37.500	38	67.15 WSIT	3,000	3,000	
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS			375.000	375	50.68 WCON	19,000	19,000	
5311.C61	--- SLD	PRESTRESSED CONCRETE AND FLOODLIGHT POLES						INCL. ACCT. 5311.C6				
5311.C62		CABLE AND CONDUIT						ABANDON IN PLACE				
5311.C7		INTAKE & DISCHARGE STRUCTURES						ABANDON IN PLACE				
5311.C71	SLD SLD	C.W. PUMP HSES, INTAKE & DISCHARGE STRUCTURE	1250	CY		CONC	0.750	938	50.68 WCON	48,000	48,000	
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING						ABANDON IN PLACE				
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS	35000	CY		VOID		INCL. IN WRKG				
5311.C82		OFF-SITE DISPOSAL						N/A				
5311.C9		SITE FILL AND LANDSCAPING						ABANDON IN PLACE				
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	26000	CY		FILL	0.050	1300	67.15 WSIT	87,000	87,000	
5311.C92	SIT SIT	SEED & MULCH SITE	8	AC	1000.00 SEED		8,000	19.275	154	67.15 WSIT	10,000	18,000
731		OFF-SITE DISPOSAL						INCL. W/UNITS				
		TOTAL 311.C					8,000		7,649		450,000	458,000

F E R C A C C O U N T S D E T A I L S

314.C: COMMON - CIRCULATING WATER SYSTEM

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
531		HELPER COOLING TOWERS - COMMON FACILITIES									
5314.C		CIRCULATING WATER SYSTEM									
5314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	450 TN	-40.00 MTL		-18,000	2.025	911	45.40 WEQP	41,000	23,000
5314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1 LS				900.000	900	50.68 WCON	46,000	46,000
5314.C3	--- MTL	INTAKE RACKS, MISC.							INCL. ACCT. 5314.C1		
5314.C4	--- MTL	GANTRY CRANE	1 EA				150.000	150	45.40 WEQP	7,000	7,000
TOTAL 314.C						-18,000		1,961		94,000	76,000

F E R C A C C O U N T S D E T A I L S

314.T: COOLING TOWERS - CIRCULATING WATER SYSTEM

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR WAGE RATE	
531		HELPER COOLING TOWERS - COMMON FACILITIES							
5314.C		CIRCULATING WATER SYSTEM							
5314.C5		INDUCED DRAFT HAMON COOLING WATER TOWERS							
5314.C51	--- SLD	COOLING TOWER 330'D X 445'H	4 EA				5625 22500	50.68 1,140,000	1,140,000
5314.C52	--- SLD	SHELL, FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	1800 CY		CONC			INCL. ACCT. 5314.C51 WCON	
5314.C6		DISCHARGE FLUME ON COOLING TOWERS			CONC			INCL. ACCT. 5314.C51	
TOTAL 314.T								22,500 1,140,000	1,140,000

F E R C A C C O U N T S D E T A I L S

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		
531		HELPER COOLING TOWERS - COMMON FACILITIES							
5315		ACCESSORY ELECTRICAL EQUIPMENT							
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	100 TN	-40.00 MTL	-4,000	2.672	267 45.40 WEQP	12,000	8,000
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C		
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	318 CY		CONC	1.080	343 50.68 WCON	17,000	17,000
5317		SCRAP VALUE							
5317.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC	-15,000				-15,000
TOTAL 315.C									
					-19,000		610	29,000	10,000

F E R C A C C O U N T S D E T A I L S

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				9,000	9,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				2,000	2,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						578,000	578,000

Sargent & Lundy
Chicago

E R E C T I O N C R E W M A N - H O U R S

FLORIDA POWER CORPORATION
CRYSTAL RIVER - HELPER COOLING TOWERS FOR UNITS 1, 2 & 3
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 11
Estimate No: 16419C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
WCON	26,515	1,344,000
WEQP	1,328	60,000
WMSR	1,201	62,000
WSIT	3,676	247,000
TOTAL	32,720	1,713,000

M A T E R I A L Q U A N T I T I E S

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	213,510 CF	0
CONC	4,718 CY	0
EXC	26,000 CY	0
FILL	26,000 CY	0
MTL	550 TN	-22,000
PVMT	5,000 SY	0
SCRC	30,000 LB	-15,000
SCRM	1,500 TN	0
SEED	8 AC	8,000
VOID	35,000 CY	0
TOTAL		-29,000