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PROGRESS ENERGY FLORIDA
EXHIBIT NO. ___ (EMW-3)
DISMANTLEMENT COST STUDY
VOL. 1 OF 2

Progress Energy

FOSSIL PLANT

2005

DISMANTLEMENT COST STUDY

Volume 1

PROGRESS ENERGY FLORIDA
2005 FOSSIL PLANT DISMANTLEMENT COST STUDY

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Section 1

Dismantlement Study Summary

PROGRESS ENERGY FLORIDA
2005 FOSSIL DISMANTLEMENT COST STUDY
SUMMARY

A site specific fossil plant dismantlement cost study has been prepared by Sargent & Lundy LLC in 2004 which estimates the cost of dismantlement to be $175,012,700 in 2004 dollars. PEF calculated the dismantlement cost of $189,233,975 in 2006 dollars. The costs can be categorized as follows:

	(in 000's) 2006$	% of Total
Labor	$ 182,752	96.6%
Mat & Eq	1,857	1.0%
Disposal	38,747	20.5%
Salvage	(34,122)	-18.0%
	$ 189,234	100.0%

The cost estimate includes updated dismantlement assumptions from the cost study that was approved by the Florida Public Service Commission (FPSC) in 2001, Order No. PSC-01-2386-PAA-EI. When the 2005 cost study is compared to the 2000 study a 18% increase results. The most significant changes are related to changes in the labor and equipment operator rates, increases in indirect costs and changes in inflation rates. Comparative analyses significant cost changes by plant since the last study are contained in Section 6.

ESCALATION RATE

The future cost of dismantlement is forecast by analyzing the individual cost categories from S&L's cost study as described above. The 2005 cost of each category is divided into components of labor, material and equipment, disposal and salvage. These components are escalated by the estimated inflationary rates for compensation per hour, material, Gross Domestic Product (Implicit Price Deflator) and Metals and Metal Products. Section 5 contains a schedule of the applicable escalation rates for each category. Since it's last study PEF has gone to a new data vendor (Ecomony.com). Economy.Com as DRI (now called Global Insight), who we used in the last study, are nationally-respected economic data consultants. Economy.com, Inc., founded in 1990, is a leading independent provider of economic, financial, country, and industry research designed to meet the diverse planning and information needs of businesses, governments, and

professional investors worldwide. The firm has over 500 clients worldwide, including the largest commercial and investment banks; insurance companies; financial services firms; mutual funds; governments at all levels; manufacturers; utilities; and industrial and technology clients.

PEF switched vendors in 2002 solely due to the negotiated cost savings to the newly-merged company at the time. DRI was not willing to reconsider the charge to serve CPL and FPC as one company. Data quality was not an issue. PEF does not believe it jeopardized the quality of its planning process by switching economic data vendors at this time. A review of company customer and energy forecast variances in the past two years will diffuse this issue. There was no degradation in the quality of these projections since the vendors were changed out.

The cost estimate obtained by applying these rates yields the future cost of dismantlement using currently available technology and procedures, as shown in Section 3.

The methodology used to determine the escalation rate for converting the current estimated dismantlement cost to future estimated dismantlement cost is consistent with the guidance set out in PFSC Rule 25-6.04364 and that used in the preparation of all past studies.

CONTINGENCY ALLOWANCE

The overall contingency allowance of 17% approved in Order No. PSC-01-2386-PAA-EI was increased to 18% in the 2005 study.

CONCLUSION

The annual accrual amount requested for PEF's retail share of total dismantlement costs is **$9,651,668** ($11,211,630 system). This is based on the assumptions of a total retail cost in 2006 dollars of **$155,760,571** ($189,233,975 system). PEF requests that the annual accrual be adjusted effective January 1, 2006. Section 2 of this report provides the related determination of the annual accrual.

Section 2

Determination of Annual Accrual for Dismantlement

Progress Energy Florida
Calculation of Jurisdictional Impact

	Annual Accrual			2006$ Dismantlement Estimate			Future $ Dismantlement Estimate		
	System	Separation Factor	Retail	System	Separation Factor	Retail	System	Separation Factor	Retail
ALL PLANTS	11,211,630		9,651,668	189,233,975		155,760,571	350,374,722		292,927,328
Crystal River South Units 1 & 2	2,546,950	94.913%	2,417,386	37,966,224	94.913%	36,034,882	66,183,166	94.913%	62,816,428
Crystal River South Cooling Towers	352,924	94.913%	334,971	3,316,175	94.913%	3,147,481	5,707,743	94.913%	5,417,390
Crystal River South Fish Hatchery	118,715	94.913%	112,676	1,153,299	94.913%	1,094,631	1,880,017	94.913%	1,784,381
Crystal River North Units 4 & 5	1,153,585	94.913%	1,094,902	28,133,314	94.913%	26,702,172	56,212,493	94.913%	53,352,963
Crystal River Common	586,936	94.913%	557,078	8,589,643	94.913%	8,152,688	20,037,075	94.913%	19,017,789
Anclote Steam	829,685	80.893%	671,157	15,032,810	80.893%	12,160,491	28,202,924	80.893%	22,814,191
Bartow Steam	1,740,237	80.893%	1,407,730	25,501,460	80.893%	20,628,896	39,542,953	80.893%	31,987,481
Bartow Gas Turbine				976,106	80.893%	789,601	1,747,502	80.893%	1,413,607
PIPELINE				9,063,700	80.893%	7,331,899	15,250,475	80.893%	12,336,567
Hines Energy Combined Cycle unit 1	100,947	94.913%	95,812	1,681,716	94.913%	1,596,167	3,782,977	94.913%	3,590,537
Avon Park Gas Turbine	56,894	88.901%	50,579	626,166	88.901%	556,668	1,049,452	88.901%	932,973
Turner Plant Steam	367,275		-	8,210,467			13,619,489		
Tiger Bay Comb Cycle	134,837	94.913%	127,978	1,850,390	94.913%	1,756,261	4,316,046	94.913%	4,096,489
Turner Gas 1&2		88.901%		282,905	88.901%	251,505	517,448	88.901%	460,016
Turner Gas 3&4	72,927	88.901%	64,832	728,937	88.901%	648,032	1,455,760	88.901%	1,294,185
Higgins Steam				5,948,848			9,375,412		
Intercession City 11	47,681	88.901%	42,388	576,567	88.901%	512,574	1,063,876	88.901%	945,796
Higgins Gas Turbine	30,640	88.901%	27,239	553,259	88.901%	491,853	974,263	88.901%	866,130
Suwannee Steam		80.893%	344,554	13,282,882	80.893%	10,744,922	21,678,349	80.893%	17,536,267
Suwannee Gas Turbine		88.901%	28,876	480,297	88.901%	426,989	928,440	88.901%	825,392
Bayboro Gas Turbine		88.901%	107,617	1,791,891	88.901%	1,593,009	3,004,695	88.901%	2,671,204
Debary Gas Turbine 1-6		88.901%	187,167	2,854,274	88.901%	2,537,478	5,134,689	88.901%	4,564,790
Debary Gas Turbine 7-10		88.901%	302,095	5,007,768	88.901%	4,451,956	9,835,748	88.901%	8,744,078
Intercession City 1-6		88.901%	109,708	1,625,509	88.901%	1,445,094	3,011,247	88.901%	2,677,029
Intercession City 7-10		88.901%	182,771	3,133,121	88.901%	2,785,376	6,585,760	88.901%	5,854,806
Port St. Joe Gas Turbine		88.901%	5,923	265,285	88.901%	235,841	409,497	88.901%	364,047
Rio Pinar Gas Turbine		88.901%	45,550	664,211	88.901%	590,490	1,069,987	88.901%	951,229
University of Florida Gas Turbine	124,295	94.913%	117,972	1,324,447	94.913%	1,257,072	2,217,479	94.913%	2,104,676
Intercession City Gas Turbine p12 - p14	167,445	80.893%	135,451	2,408,368	80.893%	1,948,201	5,503,784	80.893%	4,452,176
Hines Energy Combined Cycle unit 2	410,954	94.913%	390,049	6,203,936	94.913%	5,888,342	20,075,976	94.913%	19,054,711

Progress Energy Florida
Computation of Annual Accrual

Plant:		ALL	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		NA	NA	NA	NA	NA
Capital Recovery Year		NA	NA	NA	NA	NA
Cost @ 2006 $'s		189,233,975	182,752,257	1,856,554	38,747,454	(34,122,290)
Future 1st Year Expense		246,950,550	238,973,617	2,415,720	33,573,094	(28,011,881)
Future 2nd Year Expense		103,428,692	97,138,317	617,159	19,476,957	(13,803,741)
Amount to Accrue		217,290,392	209,761,643	2,278,409	29,499,716	(24,249,376)
PV of Amount to Accrue		107,760,067	104,762,127	1,308,722	20,736,496	(19,047,279)
Capital Recovery Years		NA	NA	NA	NA	NA
Compounded Inflation		NA	NA	NA	NA	NA
Ending Balance of Reserve						
Acc Reserve		132,577,259	125,838,700	754,470	23,550,335	(17,566,246)

2006	10,458,377	11,211,630	2005
2007	10,945,491		2006
2008	11,454,927		2007
2009	11,987,724		2008
2010	12,544,959	13,446,211	2009
2011	13,127,759		2010
2012	13,737,300		2011
2013	14,374,827		2012
2014	15,041,628	14,972,172	2013
2015	15,739,065		2014
2016	16,468,559		2015
2017	12,639,436		2016
2018	13,008,059	8,167,115	2017
2019	8,401,146		2018
2020	5,762,713		2019
2021	5,496,542		2020
2022	3,542,355	3,255,907	2021
2023	3,598,238		2022
2024	3,089,480		2023
2025	2,793,554		2024
2026	2,606,220	2,240,985	2025
2027	2,708,799		2026
2028	2,443,906		2027
2029	1,205,016		2028
2030	1,252,714	1,155,345	2029
2031	1,078,722		2030
2032	1,122,336		2031
2033	1,167,609		2032
2034	-	-	2033
2035	-		2034
2036	-		2035
2037	-		2036
2038	-	-	2037
2039	-		2038
2040	-		2039
2041	-		2040
2042	-	-	2041
2043	-		2042
2044	-		2043
2045	-		2044
2046	-	-	2045
2047	-		2046
	350,374,722		

Progress Energy Florida
Computation of Annual Accrual

Plant:		Crystal River South Units 1 & 2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2018				
Cost @ 2006 $'s		37,966,224	36,190,153	232,479	7,217,172	(5,673,580)
Future 1st Year Expense		32,595,217	30,917,619	168,152	4,888,004	(3,378,558)
Future 2nd Year Expense		33,587,949	31,851,332	172,104	4,979,898	(3,415,385)
Amount to Accrue		41,402,175	39,266,346	212,854	6,173,059	(4,250,084)
PV of Amount to Accrue		22,521,911	21,465,835	139,997	4,371,536	(3,455,458)
Capital Recovery Years		13				
Compounded Inflation			4.755%	3.275%	2.690%	1.605%
Ending Balance of Reserve						

Progress Energy Florida
Computation of Annual Accrual

Plant:		Crystal River South Cooling Towers	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2018				
Cost @ 2006 $'s		3,316,175	3,390,186	13,097	-	(87,108)
Future 1st Year Expense		5,707,743	5,792,541	18,946	-	(103,744)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		5,707,743	5,792,541	18,946	-	(103,744)
PV of Amount to Accrue		3,151,413	3,223,670	12,635	-	(84,892)
Capital Recovery Years		13				
Compounded Inflation			4.611%	3.165%	0.000%	1.555%
Ending Balance of Reserve						
Acc Reserve		-	-	-	-	-
2006		329,131	335,193	1,201	-	(7,263)
2007		344,513	350,650	1,239	-	(7,376)
2008		360,607	366,819	1,278	-	(7,490)
2009		377,445	383,734	1,318	-	(7,607)
2010		395,064	401,429	1,360	-	(7,725)
2011		413,498	419,940	1,403	-	(7,845)
2012		432,785	439,304	1,448	-	(7,967)
2013		452,963	459,561	1,493	-	(8,091)
2014		474,077	480,753	1,541	-	(8,217)
2015		496,167	502,922	1,589	-	(8,344)
2016		519,278	526,112	1,640	-	(8,474)
2017		543,459	550,373	1,692	-	(8,606)
2018		568,756	575,751	1,744	-	(8,739)
2019			-		-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		5,707,743	5,792,541	18,946	-	(103,744)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Crystal River South Fish Hatchery	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2018				
Cost @ 2006 $'s		1,153,299	892,781	18,555	241,963	-
Future 1st Year Expense		1,880,017	1,525,424	26,842	327,751	-
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		1,880,017	1,525,424	26,842	327,751	-
PV of Amount to Accrue		1,101,527	848,930	17,901	234,695	-
Capital Recovery Years		13				
Compounded Inflation			4.611%	3.165%	2.602%	0.000%
Ending Balance of Reserve						
Acc Reserve		-	-	-	-	-
2006		111,483	88,271	1,701	21,511	-
2007		116,166	92,341	1,755	22,070	-
2008		121,054	96,599	1,810	22,645	-
2009		126,156	101,054	1,868	23,234	-
2010		131,479	105,713	1,927	23,839	-
2011		137,035	110,588	1,988	24,459	-
2012		142,834	115,688	2,051	25,095	-
2013		148,887	121,022	2,116	25,749	-
2014		155,205	126,603	2,183	26,419	-
2015		161,799	132,441	2,252	27,106	-
2016		168,682	138,548	2,323	27,811	-
2017		175,869	144,937	2,397	28,535	-
2018		183,368	151,619	2,471	29,278	-
2019		-	-	-		-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-		-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047						
		1,880,017	1,525,424	26,842	327,751	

Progress Energy Florida
Computation of Annual Accrual

Plant:		Crystal River North Units 4 & 5	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2021				
Cost @ 2006 $'s		28,133,314	30,392,491	267,405	5,749,750	(8,276,332)
Future 1st Year Expense		27,655,484	28,421,847	207,089	4,117,942	(5,091,394)
Future 2nd Year Expense		28,557,009	29,297,239	211,811	4,195,359	(5,147,400)
Amount to Accrue		24,540,970	25,198,713	182,880	3,629,379	(4,470,002)
PV of Amount to Accrue		11,694,652	12,668,456	112,842	2,438,785	(3,525,431)
Capital Recovery Years		16				
Compounded Inflation			4.392%	3.064%	2.516%	1.495%
Ending Balance of Reserve						
Acc Reserve		31,671,523	32,520,373	236,020	4,683,922	(5,768,792)
2006		1,077,740	1,118,693	8,554	173,577	(223,084)
2007		1,126,844	1,167,836	8,872	179,501	(229,365)
2008		1,178,113	1,219,139	9,202	185,646	(235,874)
2009		1,231,641	1,272,697	9,545	192,020	(242,621)
2010		1,287,528	1,328,609	9,901	198,633	(249,615)
2011		1,345,878	1,386,980	10,271	205,494	(256,867)
2012		1,406,797	1,447,917	10,655	212,612	(264,387)
2013		1,470,400	1,511,533	11,055	219,999	(272,187)
2014		1,536,801	1,577,945	11,470	227,665	(280,279)
2015		1,606,126	1,647,278	11,901	235,621	(288,674)
2016		1,678,501	1,719,659	12,349	243,879	(297,386)
2017		1,754,061	1,795,222	12,815	252,452	(306,428)
2018		1,832,945	1,874,108	13,299	261,352	(315,814)
2019		1,915,299	1,956,463	13,802	270,592	(325,558)
2020		2,001,273	2,042,439	14,324	280,186	(335,676)
2021		2,091,023	2,132,195	14,865	290,150	(346,187)
2022			-	-		
2023		-		-	-	
2024				-	-	
2025				-	-	
2026			-	-	-	
2027		-	-	-		
2028			-	-		
2029		-	-	-	-	
2030		-	-	-	-	
2031		-	-	-	-	
2032		-	-	-	-	
2033		-	-	-		
2034		-	-	-		
2035		-	-	-	-	
2036		-	-	-	-	
2037		-	-	-	-	
2038		-	-	-	-	
2039		-	-		-	
2040		-	-	-	-	
2041		-	-	-	-	
2042			-	-	-	
2043			-	-		
2044			-	-		
2045		-	-	-		
2046		-	-	-	-	
2047						
		56,212,493	57,719,086	418,900	8,313,301	(10,238,794)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Crystal River Common	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2028				
Cost @ 2006 $'s		8,589,643	8,754,459	135,340	-	(300,156)
Future 1st Year Expense		20,037,075	20,190,354	245,291	-	(398,570)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		20,037,075	20,190,354	245,291	-	(398,570)
PV of Amount to Accrue		8,282,784	8,444,927	131,647	-	(293,790)
Capital Recovery Years		23				
Compounded Inflation			3.862%	2.743%	0.000%	1.335%
Ending Balance of Reserve						
Acc Reserve		-	-	-	-	-
2006		553,580	560,706	7,793	-	(14,919)
2007		575,252	582,363	8,007	-	(15,118)
2008		597,764	604,857	8,227	-	(15,320)
2009		621,146	628,219	8,452	-	(15,525)
2010		645,436	652,484	8,684	-	(15,732)
2011		670,666	677,686	8,922	-	(15,942)
2012		696,873	703,861	9,167	-	(16,155)
2013		724,095	731,047	9,418	-	(16,370)
2014		752,372	759,284	9,677	-	(16,589)
2015		781,743	788,611	9,942	-	(16,810)
2016		812,250	819,070	10,215	-	(17,035)
2017		843,940	850,707	10,495	-	(17,262)
2018		876,855	883,565	10,783	-	(17,493)
2019		911,045	917,692	11,079	-	(17,726)
2020		946,557	953,138	11,382	-	(17,963)
2021		983,444	989,952	11,695	-	(18,203)
2022		1,021,758	1,028,189	12,015	-	(18,446)
2023		1,061,555	1,067,902	12,345	-	(18,692)
2024		1,102,891	1,109,150	12,683	-	(18,942)
2025		1,145,827	1,151,990	13,031	-	(19,194)
2026		1,190,423	1,196,485	13,389	-	(19,451)
2027		1,236,745	1,242,699	13,756	-	(19,710)
2028		1,284,858	1,290,697	14,134	-	(19,973)
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		20,037,075	20,190,354	245,291	-	(398,570)

Progress Energy Florida
Computation of Annual Accrual

Plant:	Anclote Steam	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study	2005				
Capital Recovery Year	2019				
Cost @ 2006 $'s	15,032,810	16,252,090	128,791	3,256,071	(4,604,142)
Future 1st Year Expense	13,874,085	14,303,634	95,344	2,246,711	(2,771,604)
Future 2nd Year Expense	14,328,839	14,744,186	97,518	2,288,949	(2,801,814)
Amount to Accrue	15,017,755	15,467,653	102,697	2,415,190	(2,967,785)
PV of Amount to Accrue	7,586,084	8,227,869	66,121	1,681,006	(2,388,912)
Capital Recovery Years	14				
Compounded Inflation		4.612%	3.195%	2.622%	1.562%
Ending Balance of Reserve					
Acc Reserve	13,185,169	13,580,167	90,165	2,120,470	(2,605,633)

2006

Progress Energy Florida
Computation of Annual Accrual

Plant:		Bartow Steam	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		25,501,460	17,400,571	145,163	10,771,526	(2,815,800)
Future 1st Year Expense		19,504,683	14,017,590	100,201	7,028,519	(1,641,627)
Future 2nd Year Expense		20,038,270	14,433,913	102,566	7,160,655	(1,658,864)
Amount to Accrue		22,848,717	16,439,853	117,163	8,198,791	(1,907,090)
PV of Amount to Accrue		13,966,911	9,461,588	80,426	6,005,266	(1,580,369)
Capital Recovery Years		11				
Compounded Inflation			5.151%	3.479%	2.871%	1.723%
Ending Balance of Reserve						
Acc Reserve		16,694,236	12,011,650	85,604	5,990,383	(1,393,401)
2006		1,618,084	1,148,032	8,540	607,109	(145,597)
2007		1,696,876	1,207,168	8,907	631,255	(150,454)
2008		1,779,583	1,269,352	9,291	656,461	(155,521)
2009		1,866,404	1,334,744	9,693	682,776	(160,809)
2010		1,957,544	1,403,507	10,112	710,254	(166,329)
2011		2,053,226	1,475,818	10,551	738,948	(172,091)
2012		2,153,676	1,551,858	11,009	768,918	(178,109)
2013		2,259,138	1,631,820	11,489	800,224	(184,395)
2014		2,369,865	1,715,906	11,991	832,930	(190,962)
2015		2,486,124	1,804,331	12,515	867,103	(197,825)
2016		2,608,197	1,897,317	13,065	902,813	(204,998)
2017					-	
2018					-	
2019			-		-	-
2020			-	-	-	-
2021			-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
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2029						-
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2038		-	-	-	-	-
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2044		-		-	-	-
2045				-		
2046				-		
2047						
		39,542,953	28,451,503	202,767	14,189,174	(3,300,491)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Bartow Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		976,106	1,365,176	7,640	-	(396,710)
Future 1st Year Expense		1,747,502	2,199,523	10,547	-	(462,568)
Future 2nd Year Expense		-				
Amount to Accrue		1,117,145	1,406,114	6,742	-	(295,711)
PV of Amount to Accrue		582,157	824,089	4,695	-	(246,628)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	0.000%	1.664%
Ending Balance of Reserve						
Acc Reserve		630,357	793,409	3,805	-	(166,857)
2006		74,890	99,093	517	-	(24,720)
2007		79,427	104,025	534	-	(25,132)
2008		84,204	109,202	552	-	(25,550)
2009		89,233	114,637	571	-	(25,975)
2010		94,526	120,343	590	-	(26,407)
2011		100,097	126,333	610	-	(26,846)
2012		105,958	132,621	630	-	(27,293)
2013		112,126	139,222	651	-	(27,747)
2014		118,615	146,151	673	-	(28,209)
2015		125,442	153,425	695	-	(28,678)
2016		132,627	161,062	719	-	(29,154)
2017						
2018						
2019						
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2046						
2047						
		1,747,502	2,199,523	10,547	-	(462,568)

Progress Energy Florida
Computation of Annual Accrual

Plant:		PIPELINE	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2019				
Cost @ 2006 $'s		9,063,700	6,852,965	51,298	2,907,728	(748,291)
Future 1st Year Expense		15,250,475	12,062,732	75,952	4,012,704	(900,913)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		13,361,040	10,568,238	66,542	3,515,556	(789,296)
PV of Amount to Accrue		7,601,524	5,723,636	43,416	2,473,867	(639,395)
Capital Recovery Years		14				
Compounded Inflation			4.478%	3.097%	2.542%	1.516%
Ending Balance of Reserve						
Acc Reserve		1,889,435	1,494,494	9,410	497,148	(111,617)
2006		724,134	559,077	3,869	212,220	(51,032)
2007		753,909	584,111	3,989	217,615	(51,806)
2008		784,933	610,266	4,112	223,146	(52,591)
2009		817,262	637,592	4,240	228,818	(53,388)
2010		850,949	666,141	4,371	234,635	(54,198)
2011		886,055	695,969	4,506	240,599	(55,019)
2012		922,639	727,132	4,646	246,714	(55,853)
2013		960,767	759,691	4,790	252,986	(56,700)
2014		1,000,503	793,708	4,938	259,416	(57,559)
2015		1,041,917	829,248	5,091	266,010	(58,432)
2016		1,085,083	866,379	5,249	272,772	(59,317)
2017		1,130,073	905,173	5,411	279,705	(60,216)
2018		1,176,969	945,704	5,579	286,815	(61,129)
2019		1,225,847	988,047	5,751	294,105	(62,056)
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033			-	-		-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038			-	-		-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041			-	-		-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047						
		15,250,475	12,062,732	75,952	4,012,704	(900,913)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Hines Energy Combined Cycle unit 1	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2030				
Cost @ 2006 $'s		1,681,716	1,046,635	510,799	263,865	(139,583)
Future 1st Year Expense		3,782,977	2,558,862	967,526	445,926	(189,337)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		3,703,766	2,504,692	947,760	436,997	(185,683)
PV of Amount to Accrue		1,595,562	989,757	487,133	252,719	(134,047)
Capital Recovery Years		25				
Compounded Inflation			3.784%	2.698%	2.215%	1.312%
Ending Balance of Reserve						
Acc Reserve		79,211	54,170	19,766	8,929	(3,654)
2006		95,907	61,916	27,042	13,273	(6,324)
2007		99,191	64,259	27,772	13,567	(6,407)
2008		102,587	66,690	28,521	13,867	(6,491)
2009		106,102	69,213	29,290	14,175	(6,576)
2010		109,740	71,832	30,081	14,489	(6,662)
2011		113,501	74,550	30,892	14,809	(6,750)
2012		117,396	77,371	31,726	15,137	(6,838)
2013		121,425	80,298	32,582	15,473	(6,928)
2014		125,593	83,336	33,461	15,815	(7,019)
2015		129,909	86,490	34,364	16,166	(7,111)
2016		134,373	89,762	35,291	16,524	(7,204)
2017		138,992	93,158	36,243	16,890	(7,299)
2018		143,773	96,683	37,221	17,264	(7,395)
2019		148,720	100,341	38,225	17,646	(7,492)
2020		153,841	104,138	39,256	18,037	(7,590)
2021		159,140	108,078	40,315	18,436	(7,689)
2022		164,625	112,167	41,403	18,845	(7,790)
2023		170,301	116,412	42,520	19,262	(7,893)
2024		176,176	120,816	43,667	19,689	(7,996)
2025		182,256	125,387	44,845	20,125	(8,101)
2026		188,550	130,132	46,055	20,570	(8,207)
2027		195,064	135,055	47,298	21,026	(8,315)
2028		201,808	140,166	48,574	21,492	(8,424)
2029		208,787	145,469	49,885	21,968	(8,535)
2030		216,009	150,973	51,231	22,452	(8,647)
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047						
		3,782,977	2,558,862	967,526	445,926	(189,337)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Avon Park Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		626,166	712,275	1,091	14,601	(101,801)
Future 1st Year Expense		1,049,452	1,147,592	1,506	19,055	(118,701)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		759,323	830,332	1,089	13,787	(85,885)
PV of Amount to Accrue		425,981	486,637	758	10,215	(71,630)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve						
Acc Reserve		290,129	317,260	417	5,268	(32,816)
2006		52,510	58,516	84	1,090	(7,180)
2007		55,335	61,428	86	1,120	(7,299)
2008		58,305	64,486	89	1,151	(7,421)
2009		61,425	67,695	92	1,182	(7,544)
2010		64,705	71,065	95	1,215	(7,670)
2011		68,153	74,602	99	1,249	(7,797)
2012		71,773	78,315	102	1,283	(7,927)
2013		75,578	82,213	105	1,319	(8,059)
2014		79,575	86,304	109	1,355	(8,193)
2015		83,776	90,600	112	1,393	(8,329)
2016		88,188	95,108	116	1,430	(8,466)
2017						
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2047						
		1,049,452	1,147,592	1,506	19,055	(118,701)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Turner Plant Steam	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		8,210,467	8,206,222	46,932	1,281,778	(1,324,465)
Future 1st Year Expense		6,707,384	6,610,786	32,396	836,372	(772,170)
Future 2nd Year Expense		6,912,105	6,807,127	33,160	852,096	(780,278)
Amount to Accrue		4,890,395	4,818,015	23,539	606,284	(557,443)
PV of Amount to Accrue		2,771,193	2,772,900	16,158	444,077	(461,942)
Capital Recovery Years		11				
Compounded Inflation			5.151%	3.479%	2.871%	1.723%
Ending Balance of Reserve						
Acc Reserve		8,729,094	8,599,898	42,017	1,082,184	(995,005)
2006		339,389	336,407	1,793	47,648	(46,459)
2007		357,357	353,744	1,855	49,017	(47,259)
2008		376,246	371,975	1,920	50,425	(48,074)
2009		396,106	391,148	1,987	51,873	(48,902)
2010		416,983	411,309	2,056	53,363	(49,745)
2011		438,931	432,511	2,127	54,896	(50,603)
2012		462,006	454,807	2,201	56,473	(51,475)
2013		486,265	478,254	2,278	58,095	(52,362)
2014		511,767	502,911	2,357	59,764	(53,265)
2015		538,578	528,840	2,440	61,481	(54,183)
2016		566,767	556,109	2,525	63,249	(55,116)
2017		-	-	-	-	-
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
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2047						
		13,619,489	13,417,913	65,556	1,688,468	(1,552,448)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Tiger Bay Comb Cycle	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2025				
Cost @ 2006 $'s		1,850,390	2,289,378	105,871	27,117	(571,976)
Future 1st Year Expense		4,316,046	4,830,052	179,438	41,838	(735,282)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		3,929,881	4,397,898	163,383	38,095	(669,495)
PV of Amount to Accrue		1,613,713	2,005,345	93,620	24,082	(509,334)
Capital Recovery Years		20				
Compounded Inflation			4.005%	2.823%	2.320%	1.376%
Ending Balance of Reserve						
Acc Reserve		386,165	432,154	16,055	3,743	(65,787)
2006		126,020	147,618	6,190	1,519	(29,307)
2007		131,738	153,529	6,365	1,554	(29,710)
2008		137,694	159,678	6,545	1,590	(30,119)
2009		143,895	166,072	6,730	1,627	(30,534)
2010		150,353	172,723	6,920	1,664	(30,954)
2011		157,078	179,640	7,115	1,703	(31,380)
2012		164,081	186,834	7,316	1,743	(31,812)
2013		171,372	194,316	7,523	1,783	(32,250)
2014		178,962	202,097	7,735	1,824	(32,694)
2015		186,867	210,191	7,953	1,867	(33,144)
2016		195,096	218,608	8,178	1,910	(33,600)
2017		203,664	227,363	8,409	1,954	(34,062)
2018		212,583	236,468	8,646	2,000	(34,531)
2019		221,867	245,938	8,890	2,046	(35,007)
2020		231,533	255,787	9,141	2,093	(35,488)
2021		241,594	266,030	9,399	2,142	(35,977)
2022		252,069	276,684	9,665	2,192	(36,472)
2023		262,971	287,764	9,938	2,243	(36,974)
2024		274,320	299,288	10,218	2,295	(37,481)
2025		286,124	311,270	10,507	2,346	(37,999)
2026						
2027		-				-
2028		-				-
2029		-				-
2030		-				-
2031		-				-
2032		-				-
2033		-				-
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2041		-				-
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2043		-				-
2044		-				
2045		-				-
2046		-				-
2047						-
		4,316,046	4,830,052	179,438	41,838	(735,282)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Turner Gas 1&2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2017				
Cost @ 2006 $'s		282,905	380,299	5,457	-	(102,851)
Future 1st Year Expense		517,448	630,922	7,711	-	(121,185)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		-	-	-	-	-
PV of Amount to Accrue		-	-	-	-	-
Capital Recovery Years		12				
Compounded Inflation			4.775%	3.245%	0.000%	1.602%
Ending Balance of Reserve						
Acc Reserve		517,448	630,922	7,711	-	(121,185)
2006		-	-	-	-	-
2007		-	-	-	-	-
2008		-	-	-	-	-
2009		-	-	-	-	-
2010		-	-	-	-	-
2011		-	-	-	-	-
2012		-	-	-	-	-
2013		-	-	-	-	-
2014		-	-	-	-	-
2015		-	-	-	-	-
2016		-	-	-	-	-
2017		-	-	-	-	-
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		517,448	630,922	7,711	-	(121,185)

Progress Energy Florida
Computation of Annual Accrual

Plant:	Turner Gas 3&4	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study	2005				
Capital Recovery Year	2020				
Cost @ 2006 $'s	728,937	949,122	5,457	-	(225,642)
Future 1st Year Expense	1,455,760	1,722,121	8,264	-	(274,625)
Future 2nd Year Expense	-	-	-	-	-
Amount to Accrue	1,455,760	1,722,121	8,264	-	(274,625)
PV of Amount to Accrue	691,755	906,689	5,278	-	(220,213)
Capital Recovery Years	15				
Compounded Inflation		4.370%	3.034%	0.000%	1.483%
Ending Balance of Reserve					
Acc Reserve					

2047					
	1,455,760	1,722,121	8,264	-	(274,625)

Progress Energy Florida
Computation of Annual Accrual

Plant:	Higgins Steam	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study	2005				
Capital Recovery Year	2016				
Cost @ 2006 $'s	5,948,848	4,624,261	32,744	2,686,624	(1,394,781)
Future 1st Year Expense	9,375,412	7,450,445	45,204	3,506,093	(1,626,330)
Future 2nd Year Expense					
Amount to Accrue				-	-
PV of Amount to Accrue				-	-
Capital Recovery Years	11				
Compounded Inflation		4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve					
Acc Reserve	9,375,412	7,450,445	45,204	3,506,093	(1,626,330)
2006	-	-	-	-	-
2007	-	-	-	-	-
2008	-	-	-	-	-
2009	-	-	-	-	-
2010	-	-	-	-	-
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
2024	-	-	-	-	-
2025	-	-	-	-	-
2026	-	-	-	-	-
2027	-	-	-	-	-
2028	-	-	-	-	-
2029	-	-	-	-	-
2030	-	-	-	-	-
2031	-	-	-	-	-
2032	-	-	-	-	-
2033	-	-	-	-	-
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2036	-	-	-	-	-
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2038	-	-	-	-	-
2039	-	-	-	-	-
2040	-	-	-	-	-
2041	-	-	-	-	-
2042	-	-	-	-	-
2043	-	-	-	-	-
2044	-	-	-	-	-
2045	-	-	-	-	-
2046	-	-	-	-	-
2047	-	-	-	-	-
	9,375,412	7,450,445	45,204	3,506,093	(1,626,330)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Intercession City 11	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2022				
Cost @ 2006 $'s		576,567	422,554	7,640	255,521	(109,148)
Future 1st Year Expense		1,063,876	814,653	12,103	372,887	(135,767)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		1,057,298	809,616	12,028	370,582	(134,928)
PV of Amount to Accrue		551,134	402,499	7,358	247,248	(105,971)
Capital Recovery Years		17				
Compounded Inflation			4.197%	2.933%	2.409%	1.431%
Ending Balance of Reserve						
Acc Reserve		6,578	5,037	75	2,305	(839)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Higgins Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		553,259	737,845	3,274	-	(187,860)
Future 1st Year Expense		974,263	1,188,790	4,519	-	(219,046)
Future 2nd Year Expense		4,520	4,520.00	-	-	-
Amount to Accrue		(91,506)	-	1,927	-	(93,433)
PV of Amount to Accrue		(295,630)	(219,047)	1,342	-	(77,925)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	0.000%	1.664%
Ending Balance of Reserve						
Acc Reserve		558,698	681,719	2,592	-	(125,613)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Suwannee Steam	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		13,282,882	13,547,742	32,744	1,097,177	(1,394,781)
Future 1st Year Expense		21,678,349	21,827,639	45,204	1,431,836	(1,626,330)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		5,633,182	5,671,975	11,747	372,067	(422,607)
PV of Amount to Accrue		3,255,600	3,324,207	8,181	275,674	(352,461)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve						
Acc Reserve		16,045,167	16,155,664	33,457	1,059,769	(1,203,723)
2006		394,697	399,719	901	29,405	(35,328)
2007		414,847	419,614	931	30,218	(35,916)
2008		436,000	440,499	962	31,053	(36,514)
2009		458,209	462,424	995	31,911	(37,121)
2010		481,522	485,440	1,028	32,793	(37,739)
2011		505,995	509,601	1,062	33,699	(38,367)
2012		531,688	534,965	1,098	34,630	(39,005)
2013		558,659	561,592	1,134	35,587	(39,654)
2014		586,974	589,544	1,172	36,571	(40,313)
2015		616,696	618,887	1,212	37,581	(40,984)
2016		647,895	649,690	1,252	38,619	(41,666)
2017		-	-	-	-	-
2018		-	-	-	-	-
2019		-	-	-	-	-
2020		-	-	-	-	-
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
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2038		-	-	-	-	-
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2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		21,678,349	21,827,639	45,204	1,431,836	(1,626,330)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Suwannee Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2018				
Cost @ 2006 $'s		480,297	686,922	3,274	-	(209,899)
Future 1st Year Expense		928,440	1,173,689	4,736	-	(249,985)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		546,689	691,097	2,789	-	(147,197)
PV of Amount to Accrue		266,020	384,610	1,860	-	(120,450)
Capital Recovery Years		13				
Compounded Inflation			4.611%	3.165%	0.000%	1.555%
Ending Balance of Reserve						
Acc Reserve		381,751	482,592	1,947	-	(102,788)
2007		31,553	41,835	182	-	(10,465)
2008		33,325	43,764	188	-	(10,628)
2009		35,184	45,783	194	-	(10,793)
2010		37,133	47,894	200	-	(10,961)
2011		39,178	50,102	207	-	(11,131)
2012		41,322	52,413	213	-	(11,304)
2013		43,569	54,829	220	-	(11,480)
2014		45,926	57,358	227	-	(11,658)
2015		48,397	60,003	234	-	(11,839)
2016		50,987	62,769	241	-	(12,024)
2017		53,702	65,664	249	-	(12,210)
2018		56,548	68,692	257	-	(12,400)
2019					-	
2020					-	-
2021					-	-
2022					-	
2023					-	-
2024					-	-
2025					-	-
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2043					-	-
2044					-	-
2045					-	-
2046					-	-
2047						
		928,440	1,173,689	4,736	-	(249,985)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Bayboro Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2017				
Cost @ 2006 $'s		1,791,891	1,784,804	3,274	228,405	(224,592)
Future 1st Year Expense		3,004,695	2,961,018	4,627	303,676	(264,626)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		1,776,378	1,750,557	2,735	179,533	(156,447)
PV of Amount to Accrue		1,003,597	1,000,221	1,864	130,792	(129,280)
Capital Recovery Years		12				
Compounded Inflation			4.775%	3.245%	2.675%	1.602%
Ending Balance of Reserve						
Acc Reserve		1,228,317	1,210,461	1,892	124,143	(108,179)

	118,050	116,742	196	13,231	(12,119)
	123,790	122,316	203	13,584	(12,313)
	129,802	128,156	209	13,948	(12,511)
	136,101	134,275	216	14,321	(12,711)
	142,698	140,686	223	14,704	(12,915)
	149,609	147,404	230	15,097	(13,122)
	156,849	154,442	238	15,501	(13,332)
	164,432	161,816	245	15,916	(13,545)
	172,375	169,543	253	16,341	(13,762)
	180,695	177,638	262	16,778	(13,983)
	189,408	186,118	270	17,226	(14,206)
	-	-	-		
	-	-	-	-	
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	-	-	-	-	
	-	-	-	-	
	-	-	-	-	
	-	-	-	-	
2047					
	3,004,695	2,961,018	4,627	303,676	(264,626)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Debary Gas Turbine 1-6	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2020				
Cost @ 2006 $'s		2,854,274	2,473,568	33,835	916,748	(569,877)
Future 1st Year Expense		5,134,689	4,488,130	51,238	1,288,909	(693,588)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		4,037,574	3,529,164	40,290	1,013,511	(545,391)
PV of Amount to Accrue		2,147,228	1,858,090	25,733	700,736	(437,331)
Capital Recovery Years		15				
Compounded Inflation			4.370%	3.034%	2.491%	1.483%
Ending Balance of Reserve						
Acc Reserve		1,097,115	958,966	10,948	275,398	(148,197)
2006		197,451	171,465	2,161	56,558	(32,733)
2007		205,933	178,958	2,226	57,967	(33,218)
2008		214,770	186,777	2,294	59,410	(33,711)
2009		223,981	194,938	2,364	60,890	(34,211)
2010		233,580	203,456	2,435	62,407	(34,718)
2011		243,583	212,346	2,509	63,961	(35,233)
2012		254,008	221,625	2,585	65,554	(35,756)
2013		264,874	231,309	2,664	67,187	(36,286)
2014		276,198	241,416	2,745	68,861	(36,824)
2015		287,999	251,965	2,828	70,576	(37,370)
2016		300,298	262,974	2,914	72,334	(37,924)
2017		313,116	274,465	3,002	74,136	(38,487)
2018		326,475	286,458	3,093	75,982	(39,058)
2019		340,399	298,974	3,187	77,875	(39,637)
2020		354,909	312,038	3,283	79,813	(40,225)
2021		-	-	-	-	-
2022		-	-	-	-	-
2023		-	-	-	-	-
2024		-	-	-	-	-
2025		-	-	-	-	-
2026		-	-	-	-	-
2027		-	-	-	-	-
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		5,134,689	4,488,130	51,238	1,288,909	(693,588)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Debary Gas Turbine 7-10	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2023				
Cost @ 2006 $'s		5,007,768	4,546,251	33,835	916,748	(489,066)
Future 1st Year Expense		9,835,748	9,033,040	54,823	1,362,979	(615,094)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		8,238,311	7,565,972	45,919	1,141,616	(515,196)
PV of Amount to Accrue		4,029,962	3,654,735	27,486	748,088	(400,347)
Capital Recovery Years		18				
Compounded Inflation			4.125%	2.892%	2.376%	1.411%
Ending Balance of Reserve						
Acc Reserve		1,597,437	1,467,068	8,904	221,363	(99,898)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Intercession City 1-6	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2019				
Cost @ 2006 $'s		1,625,509	1,810,483	7,640	255,521	(448,135)
Future 1st Year Expense		3,011,247	3,186,850	11,312	352,622	(539,537)
Future 2nd Year Expense						
Amount to Accrue		2,220,245	2,349,720	8,341	259,994	(397,810)
PV of Amount to Accrue		1,138,720	1,272,581	5,442	182,956	(322,259)
Capital Recovery Years		14				
Compounded Inflation			4.478%	3.097%	2.542%	1.516%
Ending Balance of Reserve						
Acc Reserve		791,002	837,130	2,971	92,628	(141,727)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Intercession City 7-10	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2024				
Cost @ 2006 $'s		3,133,121	3,266,670	7,640	255,521	(396,710)
Future 1st Year Expense		6,585,760	6,690,525	12,661	387,001	(504,427)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		5,437,860	5,524,365	10,454	319,546	(416,505)
PV of Amount to Accrue		2,483,421	2,591,878	6,122	205,671	(320,251)
Capital Recovery Years		19				
Compounded Inflation			4.063%	2.856%	2.346%	1.393%
Ending Balance of Reserve						
Acc Reserve		1,147,900	1,166,160	2,207	67,455	(87,922)
2006		193,070	198,407	422	13,541	(19,300)
2007		201,193	206,470	434	13,858	(19,569)
2008		209,648	214,860	446	14,183	(19,841)
2009		218,447	223,590	459	14,516	(20,118)
2010		227,607	232,676	472	14,857	(20,398)
2011		237,140	242,131	486	15,205	(20,682)
2012		247,061	251,969	500	15,562	(20,970)
2013		257,387	262,208	514	15,927	(21,262)
2014		268,135	272,863	529	16,301	(21,558)
2015		279,319	283,951	544	16,683	(21,859)
2016		290,960	295,489	559	17,075	(22,163)
2017		303,074	307,496	575	17,475	(22,472)
2018		315,683	319,991	592	17,885	(22,785)
2019		328,806	332,994	609	18,305	(23,102)
2020		342,461	346,525	626	18,734	(23,424)
2021		356,674	360,606	644	19,174	(23,750)
2022		371,464	375,259	662	19,624	(24,081)
2023		386,856	390,507	681	20,084	(24,416)
2024		402,875	406,373	700	20,557	(24,755)
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2047						
		6,585,760	6,690,525	12,661	387,001	(504,427)

Progress Energy Florida
Computation of Annual Accrual

Plant:	Port St. Joe Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study	2005				
Capital Recovery Year	2016				
Cost @ 2006 $'s	265,285	202,609	3,274	66,748	(7,346)
Future 1st Year Expense	409,497	326,436	4,520	87,107	(8,566)
Future 2nd Year Expense					
Amount to Accrue	86,379	68,859	953	18,374	(1,807)
PV of Amount to Accrue	53,127	40,357	664	13,614	(1,507)
Capital Recovery Years	11				
Compounded Inflation		4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve					
Acc Reserve	323,118	257,577	3,567	68,733	(6,759)
				1,452	(151)
2007	6,508	5,094	76	1,492	(154)
2008	6,804	5,348	78	1,534	(156)
2009	7,112	5,614	81	1,576	(159)
2010	7,434	5,893	83	1,619	(161)
2011	7,773	6,187	86	1,664	(164)
2012	8,127	6,495	89	1,710	(167)
2013	8,497	6,818	92	1,757	(170)
2014	8,886	7,157	95	1,806	(172)
2015	9,292	7,513	98	1,856	(175)
2016	9,719	7,887	102	1,908	(178)
2017					-
2018					-
2019					-
2020					-
2021					-
2022					-
2023					-
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2046					-
2047					-
	409,497	326,436	4,520	87,107	(8,566)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Rio Pinar Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		664,211	641,416	3,274	66,748	(47,227)
Future 1st Year Expense		1,069,987	1,033,427	4,520	87,107	(55,067)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		674,593	651,543	2,850	54,918	(34,718)
PV of Amount to Accrue		395,573	381,854	1,985	40,690	(28,955)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve						
Acc Reserve		395,394	381,884	1,670	32,189	(20,349)
2006		47,573	45,916	219	4,340	(2,902)
2007		**49,936**	48,201	226	4,460	(2,951)
2008		**52,416**	50,600	233	4,583	(3,000)
2009		**55,020**	53,119	241	4,710	(3,050)
2010		**57,752**	55,763	249	4,840	(3,100)
2011		**60,618**	58,538	258	4,974	(3,152)
2012		**63,626**	61,452	266	5,112	(3,204)
2013		66,780	64,510	275	5,253	(3,258)
2014		70,091	67,721	284	5,398	(3,312)
2015		73,566	**71,092**	**294**	**5,547**	**(3,367)**
2016		77,215	74,631	305	5,701	(3,422)
2017		-				
2018		-				
2019		-				
2020		-				
2021		-				
2022		-				
2023		-				
2024		-				
2025		-				
2026		-				
2027		-				
2028		-				
2029		-				
2030		-				
2031		-				
2032		-				
2033		-				
2034		-				
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2047						
		1,069,987	1,033,427	4,520	87,107	(55,067)

Progress Energy Florida
Computation of Annual Accrual

Plant:		University of Florida Gas Turbine	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2016				
Cost @ 2006 $'s		1,324,447	1,507,110	1,091	14,601	(198,355)
Future 1st Year Expense		2,217,479	2,428,202	1,506	19,055	(231,284)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		1,658,427	1,816,025	1,126	14,251	(172,975)
PV of Amount to Accrue		931,407	1,064,328	784	10,559	(144,264)
Capital Recovery Years		11				
Compounded Inflation			4.977%	3.344%	2.763%	1.664%
Ending Balance of Reserve						
Acc Reserve		559,052	612,177	380	4,804	(58,309)
2006		114,732	127,980	86	1,126	(14,460)
2007		120,895	134,350	89	1,157	(14,701)
2008		127,373	141,037	92	1,189	(14,945)
2009		134,180	148,057	95	1,222	(15,194)
2010		141,334	155,426	99	1,256	(15,447)
2011		148,851	163,162	102	1,291	(15,704)
2012		156,749	171,283	105	1,326	(15,965)
2013		165,050	179,808	109	1,363	(16,230)
2014		173,769	188,757	112	1,401	(16,501)
2015		182,932	198,152	116	1,439	(16,775)
2016		192,562	208,013	121	1,481	(17,053)
2017						
2018						
2019						
2020						
2021						
2022						
2023						
2024						
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2041						
2042						
2043						
2044						
2045						
2046						
2047			-			
		2,217,479	2,428,202	1,506	19,055	(231,284)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Intercession City Gas Turbine p12 - p14	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2027				
Cost @ 2006 $'s		2,408,368	2,444,314	7,640	255,521	(299,107)
Future 1st Year Expense		5,503,784	5,474,176	13,542	409,000	(392,934)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		5,388,527	5,359,539	13,258	400,435	(384,705)
PV of Amount to Accrue		2,271,476	2,306,544	7,272	244,220	(286,560)
Capital Recovery Years		22				
Compounded Inflation			3.907%	2.767%	2.273%	1.348%
Ending Balance of Reserve						
Acc Reserve		115,257	114,637	284	8,565	(8,229)
2006		157,728	158,191	446	14,230	(15,139)
2007		164,040	164,371	458	14,554	(15,343)
2008		170,598	170,793	471	14,884	(15,550)
2009		177,413	177,465	484	15,223	(15,759)
2010		184,493	184,399	497	15,569	(15,972)
2011		191,850	191,603	511	15,923	(16,187)
2012		199,493	199,088	525	16,285	(16,405)
2013		207,435	206,866	540	16,655	(16,626)
2014		215,686	214,948	555	17,033	(16,850)
2015		224,259	223,346	570	17,420	(17,077)
2016		233,166	232,071	586	17,816	(17,307)
2017		242,420	241,138	602	18,221	(17,541)
2018		252,036	250,558	619	18,636	(17,777)
2019		262,025	260,347	636	19,059	(18,017)
2020		272,403	270,518	653	19,492	(18,260)
2021		283,188	281,087	671	19,936	(18,506)
2022		294,392	292,068	690	20,389	(18,755)
2023		306,032	303,479	709	20,852	(19,008)
2024		318,126	315,335	729	21,326	(19,264)
2025		330,691	327,655	749	21,811	(19,524)
2026		343,744	340,455	769	**22,307**	(19,787)
2027		357,309	353,758	788	22,814	(20,051)
2028		-	-	-	-	-
2029		-	-	-	-	-
2030		-	-	-	-	-
2031		-	-	-	-	-
2032		-	-	-	-	-
2033		-	-	-	-	-
2034		-	-	-	-	-
2035		-	-	-	-	-
2036		-	-	-	-	-
2037		-	-	-	-	-
2038		-	-	-	-	-
2039		-	-	-	-	-
2040		-	-	-	-	-
2041		-	-	-	-	-
2042		-	-	-	-	-
2043		-	-	-	-	-
2044		-	-	-	-	-
2045		-	-	-	-	-
2046		-	-	-	-	-
2047		-	-	-	-	-
		5,503,784	5,474,176	13,542	409,000	(392,934)

Progress Energy Florida
Computation of Annual Accrual

Plant:		Hines Energy Combined Cycle unit 2	Labor	Mat & Eq	Disposal	Salvage
Year of Last Study		2005				
Capital Recovery Year		2033				
Cost @ 2006 $'s		6,203,936	8,980,905	-	-	(2,776,969)
Future 1st Year Expense		20,075,976	23,964,998	-	-	(3,889,022)
Future 2nd Year Expense		-	-	-	-	-
Amount to Accrue		19,974,673	23,844,917	-	-	(3,870,244)
PV of Amount to Accrue		5,941,263	8,648,939	-	-	(2,707,676)
Capital Recovery Years		28				
Compounded Inflation			3.688%	0.000%	0.000%	1.284%
Ending Balance of Reserve						
Acc Reserve		101,303	120,081	-	-	(18,778)

Section 3

Calculation of Future Dollar Dismantlement Cost By Plant

Progress Energy Florida
Projected Future Dismantlement Cost by Plant

Plant	Recovery Period	Study Date	Capital Recovery Year	Dismantlement Costs at Study Date	Accumulated Reserve	Total Future Dollars	2021	2022	2023	2024	2025	2026	2027	2028	2029
Crystal River South Units 1 & 2	14	2004	2018	37,966,224	24,780,990	66,183,166			32,595,217	33,587,949					
Crystal River South Cooling Towers	14	2004	2018	3,316,175		5,707,743			5,707,743						
Crystal River South Fish Hatchery	14	2004	2018	1,153,299		1,880,017			1,880,017						
Crystal River North Units 4 & 5	17	2004	2021	28,133,314	31,671,523	56,212,493									
Crystal River Common	24	2004	2028	8,589,643		20,037,075									
Anclote Steam	15	2004	2019	15,032,810	13,185,170	28,202,924								13,874,085	14,328,839
Bartow Steam	12	2004	2016	25,501,460	16,694,236	39,542,953	19,504,683	20,038,270							
Bartow Gas Turbine	12	2004	2016	976,106	630,357	1,747,502				1,747,502					
Bartow-Anclote Pipeline & Fuel Term	15	2004	2019	9,083,700	1,889,435	15,250,475								15,250,475	
Hines Energy Combined Cycle unit 1	26	2004	2030	1,681,716	79,211	3,782,977									
Avon Park Gas Turbine	12	2004	2016	626,166	290,129	1,049,452		1,049,452							
Turner Plant Steam	12	2004	2016	8,210,467	10,440,258	13,619,489	6,707,384	6,912,105							
Tiger Bay Combined Cycle	21	2004	2025	1,850,390	3,203,179	4,316,046	4,316,046								
Turner Gas Turbine Units 1 & 2	13	2004	2017	282,905	573,114	517,448					517,448				
Turner Gas Turbine Units 3 & 4	16	2004	2020	728,937		1,455,760					1,455,760				
Higgins Steam Plant	12	2004	2016	5,948,848	9,375,411	9,375,412	9,375,412								
Intercession City Siemens P-11	18	2004	2022	576,567	6,578	1,063,876									
Higgins Gas Turbine	12	2004	2016	553,259	558,697	974,263				974,263					
Suwannee Steam	12	2004	2016	13,282,882	9,716,513	21,678,349	21,678,349								
Suwannee Gas Turbine	14	2004	2018	480,297	381,751	928,440									
Bayboro Gas Turbine	13	2004	2017	1,791,891	1,228,316	3,004,695							3,004,695		
Debary Gas Turbine units 1 - 6	16	2004	2020	2,854,274	1,097,114	5,134,689									
Debary Gas Turbine units 7 - 10	19	2004	2023	5,007,768	1,597,436	9,835,748									
Intercession City Gas Turbine units 1 - 6	15	2004	2019	1,625,509	791,002	3,011,247									
Intercession City Gas Turbine units 7 - 10	20	2004	2024	3,133,121	1,147,900	6,585,760									
Port St. Joe Gas Turbine	12	2004	2016	265,285	409,499	409,497	409,497								
Rio Pinar Gas Turbine	12	2004	2016	664,211	395,394	1,069,987					1,069,987				
University of Florida Gas Turbine	12	2004	2016	1,324,447	2,217,480	2,217,479	2,217,479								
Intercession City Gas Turbine p12 - p14	23	2004	2027	2,408,368	115,257	5,503,784									
Hines Energy Combined Cycle unit 2	29	2004	2033	6,203,936	101,303	20,075,976									
Total				189,233,975	132,577,256	350,374,722	64,208,850	27,999,827	40,182,977	36,309,714	3,043,195	0	3,004,695	29,124,560	14,328,839

Progress Energy Florida
Projected Future Dismantlement Cos

Plant	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Crystal River South Units 1 & 2													
Crystal River South Cooling Towers													
Crystal River South Fish Hatchery													
Crystal River North Units 4 & 5					27,655,484	28,557,009							
Crystal River Common				20,037,075									
Anclote Steam													
Bartow Steam													
Bartow Gas Turbine													
Bartow-Anclote Pipeline & Fuel Term													
Hines Energy Combined Cycle unit 1											3,782,977		
Avon Park Gas Turbine													
Turner Plant Steam													
Tiger Bay Combined Cycle													
Turner Gas Turbine Units 1 & 2													
Turner Gas Turbine Units 3 & 4													
Higgins Steam Plant													
Intercession City Siemens P-11													1,063,876
Higgins Gas Turbine													
Suwannee Steam													
Suwannee Gas Turbine							928,440						
Bayboro Gas Turbine													
Debary Gas Turbine units 1 - 6			5,134,689										
Debary Gas Turbine units 7 - 10				9,835,748									
Intercession City Gas Turbine units 1 - 6	3,011,247												
Intercession City Gas Turbine units 7 - 10				6,585,760									
Port St. Joe Gas Turbine													
Rio Pinar Gas Turbine													
University of Florida Gas Turbine													
Intercession City Gas Turbine p12 - p14						5,503,784							
Hines Energy Combined Cycle unit 2											20,075,976		
Total	3,011,247	0	5,134,689	36,458,583	27,655,484	34,060,793	928,440	0	0	0	23,858,953	0	1,063,876

Progress Energy Florida

Projected Future Dollar Dismantlement Cost by Plant

Plant	Study Date	Capital Recovery Year	Dismantlement Cost Components	Cost Estimate Per Study	Inflation Compounded Multiplier	Cost Estimate 2006 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	Total Future $ Cost
Crystal River South Units 1 & 2	2004	2018	Labor	33,402,000	1.08347	36,190,153	2023	50%	1.708620546	30,917,619	2024	50%	1.760220886	31,851,332	62,768,951
			Material & Eq	213,000	1.09145	232,479		50%	1.446601098	168,152		50%	1.480596224	172,104	340,256
			Disposal	6,920,000	1.04294	7,217,172		50%	1.354548177	4,888,004		50%	1.380013683	4,979,898	9,867,902
			Salvage	(5,406,000)	1.04950	(5,673,580)		50%	1.190979354	(3,378,558)		50%	1.203961029	(3,415,385)	(6,793,943)
				35,129,000		37,966,224				32,595,217				33,587,949	66,183,166
Crystal River South Cooling Towers	2004	2018	Labor	3,129,000	1.08347	3,390,186	2023	100%	1.708620546	5,792,541					5,792,541
			Material & Eq	12,000	1.09145	13,097		100%	1.446601098	18,946					18,946
			Disposal	0	1.04294	0		100%	1.354548177	-					-
			Salvage	(83,000)	1.04950	(87,108)		100%	1.190979354	(103,744)					(103,744)
				3,058,000		3,316,175				5,707,743					5,707,743
Crystal River South Fish Hatchery	2004	2018	Labor	824,000	1.08347	892,781	2023	100%	1.708620546	1,525,424					1,525,424
			Material & Eq	17,000	1.09145	18,555		100%	1.446601098	26,842					26,842
			Disposal	232,000	1.04294	241,963		100%	1.354548177	327,751					327,751
			Salvage	0	1.04950	0		100%	1.190979354						
				1,073,000		1,153,299				1,880,017					1,880,017
Crystal River North Units 4 & 5	2004	2021	Labor	28,051,000	1.08347	30,392,491	2026	50%	1.870320309	28,421,847	2027	50%	1.927926174	29,297,239	57,719,086
			Material & Eq	245,000	1.09145	267,405		50%	1.548881085	207,089		50%	1.584195573	211,811	418,900
			Disposal	5,513,000	1.04294	5,749,750		50%	1.432389949	4,117,942		**50%**	**1.45931888**	**4,195,359**	8,313,301
			Salvage	(7,886,000)	1.04950	(8,276,332)		50%	1.230350422	(5,091,394)		50%	1.243884277	(5,147,400)	(10,238,794)
				25,923,000		28,133,314				27,655,484				28,557,009	56,212,493
Crystal River Common	2004	2028	Labor	8,080,000	1.08347	8,754,459	2033	100%	2.306293727	20,190,354					20,190,354
			Material & Eq	**124,000**	1.09145	135,340		100%	1.812407502	245,291					245,291
			Disposal	**0**	1.04294	0		100%	1.630102246	-					-
			Salvage	(286,000)	1.04950	(300,156)		100%	1.327877543	(398,570)					(398,570)
				7,918,000		8,589,643				20,037,075					20,037,075
Anclote Steam	2004	2019	Labor	15,000,000	1.08347	16,252,090	2024	50%	1.760220886	14,303,634	2025	50%	1.81443569	14,744,186	29,047,820
			Material & Eq	118,000	1.09145	128,791		50%	1.480596224	95,344		**50%**	**1.514353818**	**97,518**	192,862
			Disposal	3,122,000	1.04294	3,256,071		50%	1.380013683	2,246,711		50%	1.40595794	2,288,949	4,535,660
			Salvage	(4,387,000)	1.04950	(4,604,142)		50%	1.203961029	(2,771,604)		50%	1.217084205	(2,801,814)	(5,573,418)
				13,853,000		15,032,810				13,874,085				14,328,839	28,202,924
Bartow Steam	2004	2016	Labor	16,060,000	1.08347	17,400,571	2021	50%	1.611164386	14,017,590	2022	50%	1.659015968	14,433,913	28,451,503
			Material & Eq	133,000	1.09145	145,163		50%	1.380529877	100,201		**50%**	**1.413110382**	**102,566**	202,767
			Disposal	10,328,000	1.04294	10,771,526		50%	1.305018245	7,028,519		50%	1.329552588	7,160,655	14,189,174
			Salvage	(2,683,000)	1.04950	(2,815,800)		**50%**	**1.166011092**	(1,641,627)		50%	1.178254209	(1,658,864)	(3,300,491)
				23,838,000		25,501,460				19,504,683				20,038,270	39,542,953

Progress Energy Florida

Projected Future Dollar Dismantlement Cost by Plant

Plant	Study Date	Capital Recovery Year	Dismantlement Cost Components	Cost Estimate Per Study	Inflation Compounded Multiplier	Cost Estimate 2006 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	Total Future $ Cost
Bartow Gas Turbine	2004	2016	Labor	1,260,000	1.08347	1,365,176	2021	100%	1.611164386	2,199,523					2,199,523
			Material & Eq	7,000	1.09145	7,640		100%	1.380529877	10,547					10,547
			Disposal	0	1.04294	0		100%	1.305018245	-					
			Salvage	(378,000)	1.04950	(396,710)		100%	1.166011092	(462,568)					(462,568)
				889,000		976,106				1,747,502					1,747,502
Bartow-Anclote Pipeline & Fuel Term	2004	2019	Labor	6,325,000	1.08347	6,852,965	2024	100%	1.760220886	12,062,732					12,062,732
			Material & Eq	47,000	1.09145	51,298		100%	1.480596224	75,952					75,952
			Disposal	2,788,000	1.04294	2,907,728		100%	1.380013683	4,012,704					4,012,704
			Salvage	(713,000)	1.04950	(748,291)		100%	1.203961029	(900,913)					(900,913)
				8,447,000		9,063,700				15,250,475					15,250,475
Hines Energy Combined Cycle unit 1	2004	2030	Labor	966,000	1.08347	1,046,635	2035	100%	2.444846998	2,558,862					2,558,862
			Material & Eq	468,000	1.09145	510,799		100%	1.894142169	967,526					967,526
			Disposal	253,000	1.04294	263,865		100%	1.689977922	445,926					445,926
			Salvage	(133,000)	1.04950	(139,583)		100%	1.356446151	(189,337)					(189,337)
				1,554,000		1,681,716				3,782,977					3,782,977
Avon Park Gas Turbine	2004	2016	Labor	657,400	1.08347	712,275	2021	100%	1.611164386	1,147,592					1,147,592
			Material & Eq	1,000	1.09145	1,091		100%	1.380529877	1,506					1,506
			Disposal	14,000	1.04294	14,601		100%	1.305018245	19,055					19,055
			Salvage	(97,000)	1.04950	(101,801)		100%	1.166011092	(118,701)					(118,701)
				575,400		626,166				1,049,452					1,049,452
Turner Plant Steam	2004	2016	Labor	7,574,000	1.08347	8,206,222	2021	50%	1.611164386	6,610,786	2022	50%	1.659015968	6,807,127	13,417,913
			Material & Eq	43,000	1.09145	46,932		50%	1.380529877	32,396		50%	1.413110382	33,160	65,556
			Disposal	1,229,000	1.04294	1,281,778		50%	1.305018245	836,372		50%	1.329552588	852,096	1,688,468
			Salvage	(1,262,000)	1.04950	(1,324,465)		50%	1.166011092	(772,170)		50%	1.178254209	(780,278)	(1,552,448)
				7,584,000		8,210,467				6,707,384				6,912,105	13,619,489
Tiger Bay Combined Cycle	2004	2025	Labor	2,113,000	1.08347	2,289,378	2030	100%	2.109766221	4,830,052					4,830,052
			Material & Eq	97,000	1.09145	105,871		100%	1.694878186	179,438					179,438
			Disposal	26,000	1.04294	27,117		100%	1.542878581	41,838					41,838
			Salvage	(545,000)	1.04950	(571,976)		100%	1.285512784	(735,282)					(735,282)
				1,691,000		1,850,390				4,316,046					4,316,046

Progress Energy Florida
Projected Future Dollar Dismantlement Cost by Plant

Plant	Study Date	Capital Recovery Year	Dismantlement Cost Components	Cost Estimate Per Study	Inflation Compounded Multiplier	Cost Estimate 2006 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	Total Future $ Cost
Turner Gas Turbine															
Units 1 & 2	2004	2017	Labor	351,000	1.08347	380,299	2022	100%	1.659015968	630,922					630,922
			Material & Eq	5,000	1.09145	5,457		100%	1.413110382	7,711					7,711
			Disposal	0	1.04294	0		100%	1.329552588	-					-
			Salvage	(98,000)	1.04950	(102,851)		100%	1.178254209	(121,185)					(121,185)
				258,000		282,905				517,448					517,448
Turner Gas Turbine															
Units 3 & 4	2004	2020	Labor	876,000	1.08347	949,122	2025	100%	1.81443569	1,722,121					1,722,121
			Material & Eq	5,000	1.09145	5,457		100%	1.514353818	8,264					8,264
			Disposal	0	1.04294	0		100%	1.40595794						-
			Salvage	(215,000)	1.04950	(225,642)		100%	1.217084205	(274,625)					(274,625)
				666,000		728,937				1,455,760					1,455,760
Higgins Steam Plant	2004	2016	Labor	4,268,000	1.08347	4,624,261	2021	100%	1.611164386	7,450,445					7,450,445
			Material & Eq	30,000	1.09145	32,744		100%	1.380529877	45,204					45,204
			Disposal	2,576,000	1.04294	2,686,624		100%	1.305018245	3,506,093					3,506,093
			Salvage	(1,329,000)	1.04950	(1,394,781)		100%	1.166011092	(1,626,330)					(1,626,330)
				5,545,000		5,948,848				9,375,412					9,375,412
Intercession City															
Siemens P-11	2004	2022	Labor	390,000	1.08347	422,554	2027	100%	1.927926174	814,653					814,653
			Material & Eq	7,000	1.09145	7,640		100%	1.584195573	12,103					12,103
			Disposal	245,000	1.04294	255,521		100%	1.45931888	372,887					372,887
			Salvage	(104,000)	1.04950	(109,148)		100%	1.243884277	(135,767)					(135,767)
				538,000		576,567				1,063,876					1,063,876
Higgins Gas Turbine	2004	2016	Labor	681,000	1.08347	737,845	2021	100%	1.611164386	1,188,790					1,188,790
			Material & Eq	3,000	1.09145	3,274		100%	1.380529877	4,520					4,520
			Disposal	0	1.04294	0		100%	1.305018245						
			Salvage	(179,000)	1.04950	(187,860)		100%	1.166011092	(219,047)					(219,047)
				505,000		553,259				974,263					974,263
Suwannee Steam	2004	2016	Labor	12,504,000	1.08347	13,547,742	2021	100%	1.611164386	21,827,639					21,827,639
			Material & Eq	30,000	1.09145	32,744		100%	1.380529877	45,204					45,204
			Disposal	1,052,000	1.04294	1,097,177		100%	1.305018245	1,431,836					1,431,836
			Salvage	(1,329,000)	1.04950	(1,394,781)		100%	1.166011092	(1,626,330)					(1,626,330)
				12,257,000		13,282,882				21,678,349					21,678,349

Progress Energy Florida
Projected Future Dollar Dismantlement Cost by Plant

Plant	Study Date	Capital Recovery Year	Dismantlement Cost Components	Cost Estimate Per Study	Inflation Compounded Multiplier	Cost Estimate 2006 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	Total Future $ Cost
Suwannee Gas Turbine	2004	2018	Labor	634,000	1.08347	686,922	2023	100%	1.708620546	1,173,689					1,173,689
			Material & Eq	3,000	1.09145	3,274		100%	1.446601098	4,736					4,736
			Disposal	0	1.04294	0		100%	1.354548177	-					
			Salvage	(200,000)	1.04950	(209,899)		100%	1.190979354	(249,985)					(249,985)
				437,000		480,297				928,440					928,440
Bayboro Gas Turbine	2004	2017	Labor	1,647,300	1.08347	1,784,804	2022	100%	1.659015968	2,961,018					2,961,018
			Material & Eq	3,000	1.09145	3,274		100%	1.413110382	4,627					4,627
			Disposal	219,000	1.04294	228,405		100%	1.329552588	303,676					303,676
			Salvage	(214,000)	1.04950	(224,592)		100%	1.178254209	(264,626)					(264,626)
				1,655,300		1,791,891				3,004,695					3,004,695
Debary Gas Turbine units 1 - 6	2004	2020	Labor	2,283,000	1.08347	2,473,568	2025	100%	1.81443569	4,488,130					4,488,130
			Material & Eq	31,000	1.09145	33,835		100%	1.514353818	51,238					51,238
			Disposal	879,000	1.04294	916,748		100%	1.40595794	1,288,909					1,288,909
			Salvage	(543,000)	1.04950	(569,877)		100%	1.217084205	(693,588)					(693,588)
				2,650,000		2,854,274				5,134,689					5,134,689
Debary Gas Turbine units 7 - 10	2004	2023	Labor	4,196,000	1.08347	4,546,251	2028	100%	1.986920715	9,033,040					9,033,040
			Material & Eq	31,000	1.09145	33,835		100%	1.620315233	54,823					54,823
			Disposal	879,000	1.04294	916,748		100%	1.486754075	1,362,979					1,362,979
			Salvage	(466,000)	1.04950	(489,066)		100%	1.257691393	(615,094)					(615,094)
				4,640,000		5,007,768				9,835,748					9,835,748
Intercession City Gas Turbine units 1 - 6	2004	2019	Labor	1,671,000	1.08347	1,810,483	2024	100%	1.760220886	3,186,850					3,186,850
			Material & Eq	7,000	1.09145	7,640		100%	1.480596224	11,312					11,312
			Disposal	245,000	1.04294	255,521		100%	1.380013683	352,622					352,622
			Salvage	(427,000)	1.04950	(448,135)		100%	1.203961029	(539,537)					(539,537)
				1,496,000		1,625,509				3,011,247					3,011,247
Intercession City Gas Turbine units 7 - 10	2004	2024	Labor	3,015,000	1.08347	3,266,670	2029	100%	2.048117873	6,690,525					6,690,525
			Material & Eq	7,000	1.09145	7,640		100%	1.65725842	12,661					12,661
			Disposal	245,000	1.04294	255,521		100%	1.514556376	387,001					387,001
			Salvage	(378,000)	1.04950	(396,710)		100%	1.271525998	(504,427)					(504,427)
				2,889,000		3,133,121				6,585,760					6,585,760

Progress Energy Florida
Projected Future Dollar Dismantlement Cost by Plant

Plant	Study Date	Capital Recovery Year	Dismantlement Cost Components	Cost Estimate Per Study	Inflation Compounded Multiplier	Cost Estimate 2006 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	Total Future $ Cost
Port St. Joe Gas Turbine	2004	2016	Labor	187,000	1.08347	202,609	2021	100%	1.611164386	326,436					326,436
			Material & Eq	3,000	1.09145	3,274		100%	1.380529877	4,520					4,520
			Disposal	64,000	1.04294	66,748		100%	1.305018245	87,107					87,107
			Salvage	(7,000)	1.04950	(7,346)		100%	1.166011092	(8,566)					(8,566)
				247,000		265,285				409,497					409,497
Rio Pinar Gas Turbine	2004	2016	Labor	592,000	1.08347	641,416	2021	100%	1.611164386	1,033,427					1,033,427
			Material & Eq	3,000	1.09145	3,274		100%	1.380529877	4,520					4,520
			Disposal	64,000	1.04294	66,748		100%	1.305018245	87,107					87,107
			Salvage	(45,000)	1.04950	(47,227)		100%	1.166011092	(55,067)					(55,067)
				614,000		664,211				1,069,987					1,069,987
University of Florida Gas Turbine	2004	2016	Labor	1,391,000	1.08347	1,507,110	2021	100%	1.611164386	2,428,202					2,428,202
			Material & Eq	1,000	1.09145	1,091		100%	1.380529877	1,506					1,506
			Disposal	14,000	1.04294	14,601		100%	1.305018245	19,055					19,055
			Salvage	(189,000)	1.04950	(198,355)		100%	1.166011092	(231,284)					(231,284)
				1,217,000		1,324,447				2,217,479					2,217,479
Intercession City Gas Turbine p12 - p14	2004	2027	Labor	2,256,000	1.08347	2,444,314	2032	100%	2.239554989	5,474,176					5,474,176
			Material & Eq	7,000	1.09145	7,640		100%	1.772525674	13,542					13,542
			Disposal	245,000	1.04294	255,521		100%	1.60065028	409,000					409,000
			Salvage	(285,000)	1.04950	(299,107)		100%	1.313689694	(392,934)					(392,934)
				2,223,000		2,408,368				5,503,784					5,503,784
Hines Energy Combined Cycle unit 2	2004	2033	Labor	8,289,000	1.08347	8,980,905	2038	100%	2.668439049	23,964,998					23,964,998
			Material & Eq	0	1.09145	0		100%	2.023707099	-					
			Disposal	0	1.04294	0		100%	1.78394027	-					
			Salvage	(2,646,000)	1.04950	(2,776,969)		100%	1.400455633	(3,889,022)					(3,889,022)
				5,643,000		6,203,936				20,075,976					20,075,976
				175,012,700		189,233,975				246,950,550				103,424,172	350,374,722

Section 4

Proposed Reserve Adjustments

Progress Energy Florida
2004 Dismantlement Study
Proposed Reserve Adjustments

Transfer of Surplus Reserve from:

	Surplus	Future to Dismantle	Accumulated Reserve
Avon Steam	4,171,023	-	4,171,023
Higgins Steam Plant	2,079,689	9,375,411	11,455,100
Turner Gas Turbine	77,941	517,451	595,392
	6,328,653		

Transfer of Surplus Reserve to:

	Deficit	Future to Dismantle	Accumulated Reserve
Suwannee Steam	6,328,653	21,678,348	16,045,167
	6,328,653		

Section 5

Calculation of Inflation Indices

Progress Energy Florida
Inflation Forecast

	Compensation Per Hour			Intermediate Materials, Supplies and Components			GDP Price Deflator			Metals and Metal Products		
Year	Annual Rate of Change	Comp Multiplier from 2004	Comp Multiplier from 2005	Annual Rate of Change	Comp Multiplier from 2004	Comp Multiplier from 2005	Annual Rate of Change	Comp Multiplier from 2004	Comp Multiplier from 2005	Annual Rate of Change	Comp Multiplier from 2004	Comp Multiplier from 2005
1988	4.96%			5.43%			3.42%			10.79%		
1989	2.56%			4.62%			3.78%			4.54%		
1990	6.10%			2.16%			3.88%			-0.93%		
1991	5.03%			0.01%			3.48%			-2.19%		
1992	5.29%			0.20%			2.30%			-0.85%		
1993	2.00%			1.37%			2.30%			0.02%		
1994	1.72%			1.97%			2.12%			4.65%		
1995	2.07%			5.41%			2.05%			7.81%		
1996	3.38%			0.65%			1.89%			-2.63%		
1997	3.08%			-0.07%			1.66%			0.59%		
1998	5.94%			-2.10%			1.11%			-3.03%		
1999	4.64%			0.12%			1.44%			-2.46%		
2000	7.03%			4.86%			2.18%			2.74%		
2001	4.05%			0.42%			2.40%			-2.07%		
2002	3.25%			-1.48%			1.66%			0.43%		
2003	4.05%			4.66%			1.83%			2.62%		
2004	4.04%	1.000		6.92%	1.000		2.07%	1.000		15.40%	1.000	
2005	4.05%	1.0405	1.0000	7.31%	1.0731	1.0000	1.85%	1.0185	1.0000	5.16%	1.0516	1.0000
2006	4.13%	1.0835	1.0413	1.71%	1.0915	1.0171	2.40%	1.0429	1.0240	-0.20%	1.0495	0.9980
2007	4.06%	1.1275	1.0836	2.68%	1.1207	1.0444	2.11%	1.0650	1.0456	0.51%	1.0548	1.0031
2008	3.82%	1.1705	1.1250	2.10%	1.1442	1.0663	1.81%	1.0842	1.0645	0.75%	1.0628	1.0106
2009	3.53%	1.2119	1.1647	1.94%	1.1664	1.0870	1.76%	1.1033	1.0833	1.11%	1.0746	1.0218
2010	3.40%	1.2531	1.2043	1.85%	1.1880	1.1071	1.78%	1.1229	1.1025	1.20%	1.0875	1.0341
2011	3.34%	1.2949	1.2445	1.77%	1.2090	1.1267	1.79%	1.1430	1.1223	1.21%	1.1006	1.0466
2012	3.19%	1.3362	1.2842	1.92%	1.2323	1.1483	1.72%	1.1627	1.1416	1.01%	1.1117	1.0572
2013	3.12%	1.3779	1.3243	1.98%	1.2567	1.1710	1.72%	1.1827	1.1612	1.02%	1.1231	1.0680
2014	3.05%	1.4199	1.3647	2.13%	1.2834	1.1960	1.71%	1.2029	1.1811	1.14%	1.1359	1.0801
2015	3.08%	1.4637	1.4067	2.22%	1.3119	1.2225	1.73%	1.2237	1.2015	1.13%	1.1487	1.0923
2016	3.09%	1.5089	1.4502	2.31%	1.3422	1.2508	1.75%	1.2452	1.2225	1.10%	1.1613	1.1044
2017	3.03%	1.5546	1.4941	2.33%	1.3735	1.2799	1.76%	1.2671	1.2441	1.11%	1.1742	1.1166
2018	2.96%	1.6006	1.5383	2.33%	1.4055	1.3097	1.77%	1.2895	1.2661	1.06%	1.1867	1.1284
2019	2.92%	1.6474	1.5832	2.34%	1.4384	1.3404	1.77%	1.3123	1.2885	1.02%	1.1988	1.1400
2020	2.93%	1.6956	1.6296	2.35%	1.4722	1.3719	1.81%	1.3361	1.3118	1.03%	1.2111	1.1517
2021	2.95%	1.7457	1.6777	2.35%	1.5068	1.4041	1.87%	1.3611	1.3363	1.04%	1.2237	1.1637
2022	2.97%	1.7975	1.7275	2.36%	1.5423	1.4373	1.88%	1.3866	1.3615	1.05%	1.2366	1.1759
2023	2.99%	1.8512	1.7792	2.37%	1.5789	1.4713	1.88%	1.4127	1.3871	1.08%	1.2499	1.1886
2024	3.02%	1.9072	1.8329	2.35%	1.6160	1.5059	1.88%	1.4393	1.4131	1.09%	1.2636	1.2016
2025	3.08%	1.9659	1.8894	2.28%	1.6528	1.5402	1.88%	1.4663	1.4397	1.09%	1.2773	1.2147
2026	3.08%	2.0264	1.9476	2.28%	1.6905	1.5754	1.88%	1.4939	1.4668	1.09%	1.2912	1.2279
2027	3.08%	2.0889	2.0075	2.28%	1.7291	1.6113	1.88%	1.5220	1.4943	1.10%	1.3055	1.2414
2028	3.06%	2.1528	2.0690	2.28%	1.7685	1.6480	1.88%	1.5506	1.5224	1.11%	1.3199	1.2552
2029	3.08%	2.2191	2.1327	2.28%	1.8088	1.6856	1.87%	1.5796	1.5509	1.10%	1.3345	1.2690
2030	3.01%	2.2859	2.1969	2.27%	1.8499	1.7239	1.87%	1.6091	1.5799	1.10%	1.3491	1.2829
2031	3.02%	2.3549	2.2632	2.27%	1.8919	1.7630	1.86%	1.6391	1.6093	1.09%	1.3638	1.2969
2032	3.04%	2.4265	2.3320	2.26%	1.9346	1.8028	1.85%	1.6694	1.6391	1.09%	1.3787	1.3111
2033	2.98%	2.4988	2.4015	2.25%	1.9782	1.8434	1.84%	1.7001	1.6692	1.08%	1.3936	1.3252
2034	2.96%	2.5728	2.4726	2.23%	2.0223	1.8845	1.82%	1.7310	1.6996	1.07%	1.4085	1.3394
2035	2.96%	2.6489	2.5458	2.23%	2.0674	1.9265	1.82%	1.7626	1.7305	1.07%	1.4236	1.3537
2036	2.96%	2.7273	2.6212	2.23%	2.1135	1.9695	1.82%	1.7946	1.7620	1.07%	1.4388	1.3682
2037	2.96%	2.8081	2.6988	2.23%	2.1606	2.0134	1.82%	1.8273	1.7941	1.07%	1.4542	1.3829
2038	2.96%	2.8912	2.7786	2.23%	2.2088	2.0583	1.82%	1.8605	1.8268	1.07%	1.4698	1.3977
2039	2.96%	2.9768	2.8609	2.23%	2.2580	2.1042	1.82%	1.8944	1.8600	1.07%	1.4855	1.4126
2040	2.96%	3.0649	2.9456	2.23%	2.3084	2.1511	1.82%	1.9289	1.8939	1.07%	1.5014	1.4277
2041	2.96%	3.1556	3.0328	2.23%	2.3599	2.1991	1.82%	1.9640	1.9283	1.07%	1.5175	1.4430
2042	2.96%	3.2490	3.1225	2.23%	2.4125	2.2481	1.82%	1.9997	1.9634	1.07%	1.5337	1.4584
2043	2.96%	3.3452	3.2150	2.23%	2.4663	2.2983	1.82%	2.0361	1.9992	1.07%	1.5501	1.4740
2044	2.96%	3.4442	3.3101	2.23%	2.5213	2.3495	1.82%	2.0732	2.0355	1.07%	1.5667	1.4898
2045	2.96%	3.5461	3.4081	2.23%	2.5775	2.4019	1.82%	2.1109	2.0726	1.07%	1.5835	1.5058
2046	2.96%	3.6511	3.5090	2.23%	2.6350	2.4555	1.82%	2.1493	2.1103	1.07%	1.6004	1.5219

Source: Economy.com - December 2004 Baseline Projections

Section 6

Analysis of Annual Accruals

Progress Energy Florida
2006 Proposed Accrual vs. Current Approved
System Accrual Amounts

	2006 Proposed	2000 Commission Approved *	Change
ALL PLANTS	11,211,630	8,813,128	2,398,502
Crystal River South Units 1 & 2	2,546,950	2,297,071	249,879
Crystal River South Cooling Towers	352,924	315,522	37,402
Crystal River South Fish Hatchery	118,715	108,763	9,952
Crystal River North Units 4 & 5	1,153,585	1,397,432	(243,848)
Crystal River Common	586,936	541,395	45,541
Anclote Steam	829,685	816,300	13,385
Bartow Steam	1,740,237	1,277,949	462,288
Bartow Gas Turbine	81,939	-	81,939
PIPELINE	770,060	504,183	265,877
Hines Energy Combined Cycle unit 1	100,947	158,423	(57,476)
Avon Park Gas Turbine	56,894	-	56,894
Turner Plant Steam	367,275	-	367,275
Tiger Bay Comb Cycle	134,837	114,463	20,374
Turner Gas 1&2	-	-	-
Turner Gas 3&4	72,927	64,658	8,269
Higgins Steam	-	-	-
Intercession City 11	47,681	13,155	34,526
Higgins Gas Turbine	30,640		30,640
Suwannee Steam	425,938		425,938
Suwannee Gas Turbine	32,481	42,462	(9,981)
Bayboro Gas Turbine	121,053	89,630	31,423
Debary Gas Turbine 1-6	210,534	37,966	172,568
Debary Gas Turbine 7-10	339,811	347,466	(7,656)
Intercession City 1-6	123,405	42,234	81,171
Intercession City 7-10	205,590	95,977	109,613
Port St. Joe Gas Turbine	6,663	-	6,663
Rio Pinar Gas Turbine	51,236	-	51,236
University of Florida Gas Turbine	124,295	114,959	9,336
Intercession City Gas Turbine p12 - p14	167,445	230,514	(63,069)
Hines Energy Combined Cycle unit 2	410,954	202,606	208,348

* ORDER NO. PSC-01-2386-PAA-EI;
Docket No. 010031-EI; Attachment B

PROGRESS ENERGY FLORIDA
FOSSIL DISMANTLEMENT EXPENSE

	2004	2000	% growth	$ growth
Anclote	13,853,000	12,743,800	2.1%	1,109,200
Avon Park	575,400	497,100	3.7%	78,300
Bartow	24,727,000	21,097,000	4.0%	3,630,000
Bayboro	1,655,300	1,423,100	3.9%	232,200
CR 1&2	35,129,000	30,058,000	4.0%	5,071,000
CR4&5	25,923,000	23,890,000	2.1%	2,033,000
CR Common	7,918,000	6,695,000	4.3%	1,223,000
CR Helper Cooling Towers	3,058,000	2,601,000	4.1%	457,000
CR Fish Hatchery	1,073,000	900,000	4.5%	173,000
Debary	7,290,000	6,327,000	3.6%	963,000
Higgins	6,050,000	5,466,000	2.6%	584,000
Intercession City	7,146,000	6,253,000	3.4%	893,000
Port St. Joe	247,000	210,000	4.1%	37,000
Rio Pinar	614,000	522,000	4.1%	92,000
Suwannee	12,694,000	10,558,000	4.7%	2,136,000
Turner	8,508,000	7,657,000	2.7%	851,000
U of F	1,217,000	1,098,000	2.6%	119,000
System Fuel Terminal	8,447,000	7,113,000	4.4%	1,334,000
Hines Energy Complex	7,197,000	4,482,000	12.6%	2,715,000
Tiger Bay	1,691,000	1,531,000	2.5%	160,000
	175,012,700	151,122,000	3.7%	23,890,700

PROGRESS ENERGY FLORIDA INC.
2005 FOSSIL DISMANTLEMENT COST STUDY

Plant	Variance Between Studies	Dismantlement Costs in 2006$	Dismantlement Costs in 2001$
Crystal River South Units 1 & 2	6,896,508	37,966,224	31,069,716
Crystal River South Cooling Towers	610,763	3,316,175	2,705,412
Crystal River South Fish Hatchery	217,431	1,153,299	935,868
Crystal River North Units 4 & 5	3,446,937	28,133,314	24,686,377
Crystal River Common	1,638,899	8,589,643	6,950,744
Anclote Steam	1,848,780	15,032,810	13,184,030
Bartow Steam	5,241,874	25,501,460	20,259,586
Bartow Gas Turbine	(448,787)	976,106	1,424,893
Bartow-Anclote Pipeline & Fuel Term	1,778,119	9,063,700	7,285,581
Hines Energy Combined Cycle unit 1	(213,748)	1,681,716	1,895,464
Avon Park Gas Turbine	117,856	626,166	508,310
Turner Plant Steam	1,300,072	8,210,467	6,910,395
Tiger Bay Combined Cycle	274,551	1,850,390	1,575,839
Turner Gas Turbine Units 1 & 2	141,605	282,905	141,300
Turner Gas Turbine Units 3 & 4	(120,941)	728,937	849,878
Higgins Steam Plant	1,145,499	5,948,848	4,803,349
Intercession City Siemens P-11	389,254	576,567	187,313
Higgins Gas Turbine	(250,104)	553,259	803,363
Suwannee Steam	2,800,742	13,282,882	10,482,140
Suwannee Gas Turbine	17,893	480,297	462,404
Bayboro Gas Turbine	337,903	1,791,891	1,453,988
Debary Gas Turbine units 1 - 6	1,971,260	2,854,274	883,014
Debary Gas Turbine units 7 - 10	(599,315)	5,007,768	5,607,083
Intercession City Gas Turbine units 1 - 6	810,491	1,625,509	815,018
Intercession City Gas Turbine units 7 - 10	1,460,950	3,133,121	1,672,171
Port St. Joe Gas Turbine	49,205	265,285	216,080
Rio Pinar Gas Turbine	128,133	664,211	536,078
University of Florida Gas Turbine	185,369	1,324,447	1,139,078
Intercession City Gas Turbine p12 - p14	(1,332,600)	2,408,368	3,740,968
Hines Energy Combined Cycle unit 2	3,476,085	6,203,936	2,727,851
Avon Steam			
Total	**33,320,684**	**189,233,975**	**155,913,291**
Percent Increase / (Decrease)	**18%**		

Section 7

Sargent & Lundy LLC 2004 Dismantlement Cost Study

PROGRESS ENERGY

FLORIDA FOSSIL PLANTS

2004 FOSSIL PLANT DISMANTLING COST STUDY

REVISION 0

PREPARED BY:

SARGENT & LUNDY LLC

DECEMBER 23, 2004

Sargent & Lundy LLC

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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 previously owned by Florida Power Corporation (FPC) and currently owned by Progress Energy (PE). This is the third update to the original 1993 costs, with the first updates in 1997 and 2000. For this revised report, we have visited all the facilities except for Port St. Joe, updated the costs to 2004, and have revised the estimate scopes and costs based on significant physical changes that occurred between 2000 and 2004.

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 facility 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 in 1993, 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. Overheads and indirects were added to the direct dismantling costs. Contingency was applied to obtain the total cost to dismantle each facility.

Section 2

COST SUMMARY

The following cost summary shows total cost for all stations in January 1, 2004 dollars. This summary includes total scrap value, demolition costs, contractor's expenses, Progress Energy indirect expenses, and contingency. Detailed cost estimates for each site are included as appendixes to this report.

Station/Unit	Grand Total Cost
Anclote	
Unit 1	$ 2,518,000
Unit 2	2,182,000
Common Facilities	3,209,000
Off-Site Disposal	2,715,000
Indirect Expenses	1,422,800
Contingency	1,807,000
Total - Anclote	**$ 13,853,000**
Avon Park	
Unit 1	Previously Demolished
Unit 2	Previously Demolished
Common Facilities Units 1 & 2	Previously Demolished
Station Peakers 1-2	85,000
Station Peakers Common Facilities	80,000
Off-Site Disposal	12,000
Indirect Expenses	323,400
Contingency	75,000
Total – Avon Park	**$ 575,400**

Station/Unit	Grand Total Cost
Bartow	
Unit 1	$ 3,324,000
Unit 2	2,621,000
Unit 3	1,194,000
Common Facilities	3,234,000
Station Peakers 1-4	339,000
Station Peakers Common Facilities	326,000
Off-Site Disposal	8,981,000
Indirect Expenses	1,483,000
Contingency	3,225,000
Total - Bartow	**$ 24,727,000**
Bayboro	
Station Peakers 1-4	$ 285,000
Station Peakers Common Facilities	269,000
Off-Site Disposal	190,000
Indirect Expenses	695,300
Contingency	216,000
Total - Bayboro	**$ 1,655,300**
Crystal River South	
Unit 1	$ 8,423,000
Unit 2	8,848,000
Common Facilities	5,717,000
Off-Site Disposal	6,017,000
Indirect Expenses	1,542,000
Contingency	4,582,000
Total – Crystal River South	**$ 35,129,000**
Crystal River North	
Unit 4	$ 5,061,000
Unit 5	4,585,000
Common Facilities	6,628,000
Off-Site Disposal	4,794,000
Indirect Expenses	1,474,000
Contingency	3,381,000
Total – Crystal River North	**$ 25,923,000**

Station/Unit	Grand Total Cost
Crystal River - Common	
Units 1, 2, 4, and 5 – Common Facilities	$ 6,170,000
Indirect Expenses	715,000
Contingency	1,033,000
Total – Crystal River Common	**$ 7,918,000**
Crystal River – Helper Cooling Towers	
Helper Cooling Towers – Common Facilities	$ 1,974,000
Indirect Expenses	685,000
Contingency	399,000
Total Crystal River Helper Cooling Towers	**$ 3,058,000**
Crystal River – Mariculture Center	
Mariculture Center - Common Facilities	$ 731,000
Indirect Expenses	202,000
Contingency	140,000
Total - Crystal River Mariculture Center	**$ 1,073,000**
Debary	
Station Peakers 1-6	$ 515,000
Station Peakers 7-10	1,218,000
Station Peakers Common Facilities	2,359,000
Off-Site Disposal	1,528,000
Indirect Expenses	719,000
Contingency	951,000
Total - Debary	**$ 7,290,000**
Higgins	
Unit 1	$ 472,000
Unit 2	447,000
Unit 3	412,000
Common Facilities	618,000
Station Peakers 1-4	241,000
Station Peakers Common Facilities	97,000
Off-Site Disposal	2,240,000
Indirect Expenses	734,000
Contingency	789,000
Total - Higgins	**$ 6,050,000**

Station/Unit	Grand Total Cost
Intercession City	
Station Peakers 1-6	$ 556,000
Station Peakers 7-10	1,218,000
Station Peaker 11	128,000
Station Peakers 12-14	913,000
Station Peaker Common Facilities	1,831,000
Off-Site Disposal	853,000
Indirect Expenses	715,000
Contingency	932,000
Total – Intercession City	**$ 7,146,000**
Port St. Joe	
Station Peaker (removed from site)	$ 11,000
Station Peaker Common Facilities	75,000
Off-Site Disposal	56,000
Indirect Expenses	73,000
Contingency	32,000
Total – Port St. Joe	**$ 247,000**
Rio Pinar	
Station Peaker	$ 39,000
Station Peaker Common Facilities	129,000
Off-Site Disposal	56,000
Indirect Expenses	310,000
Contingency	80,000
Total – Rio Pinar	**$ 614,000**
Suwannee	
Unit 1	$ 2,688,000
Unit 2	2,606,000
Unit 3	2,865,000
Common Facilities	858,000
Station Peakers 1-3	211,000
Station Peakers Common Facilities	132,000
Off-Site Disposal	915,000
Indirect Expenses	763,000
Contingency	1,656,000
Total – Suwannee	**$12,694,000**

Station/Unit	Grand Total Cost
Turner	
Unit 1	$ 226,000
Unit 2	211,000
Unit 3	1,487,000
Unit 4	1,296,000
Common Facilities	1,132,000
Station Peakers 1-2	84,000
Station Peakers 3-4	225,000
Station Peakers Common Facilities	305,000
Off-Site Disposal	1,069,000
Indirect Expenses	1,363,000
Contingency	1,110,000
Total – Turner	**$ 8,508,000**
University of Florida Cogeneration	
Cogenerating Plant	$ 268,000
Cogenerating Plant Common Facilities	109,000
Off-Site Disposal	12,000
Indirect Expenses	669,000
Contingency	159,000
Total – University of Florida Cogeneration	**$ 1,217,000**
System Fuel Terminal	
Bartow-Anclote Oil Pipeline Common Facilities	$ 4,190,000
Off-Site Disposal	2,424,000
Indirect Expenses	731,000
Contingency	1,102,000
Total – System Fuel Terminal	**$ 8,447,000**
Hines Energy Center	
Combined-Cycle Plant Block #1	$ 1,031,000
Combined-Cycle Plant Block #2	999,000
Combined-Cycle Plant Block #3	999,000
Combined-Cycle Plant Common Facilities	918,000
Off-Site Disposal	220,000
Indirect Expenses	2,091,000
Contingency	939,000
Total Hines Energy Center	**$ 7,197,000**

Station/Unit	Grand Total Cost
Tiger Bay	
Cogenerating Plant	$ 496,000
Cogenerating Plant Common Facilities	253,000
Off-Site Disposal	23,000
Indirect Expenses	698,000
Contingency	221,000
Total – Tiger Bay	**$ 1,691,000**
Total – All Stations	**$175,012,700**

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 Progress Energy 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 Progress Energy 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, 2004.

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 Progress Energy, 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, 2004.

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 basis.
- 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 at the Mariculture Center 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 Progress Energy.
- 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.

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 (operated by Progress Materials, Inc. and known as the "Aardelite Plant") and the limestone back haul facility are not included in this study as they are not owned by Progress Energy.

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.

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. Site buildings and structures include a building administration office and maintenance shop and a truck fuel oil unloading station and pumphouse. 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 one-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 known as the "Mariculture Center" 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. The fish hatchery to replenish redfish, spotted seatrout, and other identified species went into operation in October 1991. The hatchery includes eight one-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 were dismantled in 1997, but the building still remains. 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 also four wastewater evaporation/percolation ponds. 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 began 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 Suwanne County. The 596-acre site is on the east bank of the Suwanne 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 1,000F superheat and 1,000F 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, environmental storage building and various small storage buildings. There are also three wastewater evaporation/percolation ponds.

Also located on the Suwannee River site are three Pratt & Whitney manufactured combustion turbines each of 61.2 MW nameplate capacity. The "Suwannee Peakers" 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, each of which has a 100,000-barrel 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 Progress Energy. The electrical output goes into the Progress Energy 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 (PB) 1", began commercial operation in April 1999. The second phase of generating capacity, referred to as "PB 2", began commercial operation in December 2003. PB 1 and PB 2 are comprised of two Siemens-Westinghouse 501F combustion turbines and generators, two Foster-Wheeler heat recovery steam generators and one Seimens-Westinghouse steam turbine and generator. Hines PB 1 and PB 2 are each 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 include: a 1,222 acre cooling pond to the north is used for the condenser cooling circulating water system, a control services building, an electrical services building, outage maintenance building, warehouse, 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. A fourth 230-kV line was added between the substation and the electrical grid for PB 2.

Construction began during the second quarter 2004 on PB 3, to be located just west of PB 2. The commercial operation of PB 3 is planned for December 2005. PB 3 will be rated at 530 MWs and of similar design to PB 2 with the major components also supplied by Siemens-Westinghouse. The existing PB 1 and PB 2 control services building and the cooling water intake structure will be expanded to

accommodate PB 3. The cooling pond is being expanded from 722 acres to 1,222 acres to serve PB 1, PB 2 and PB 3.

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 the detailed site evaluation and analysis in 1993 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 in 1993 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 in 1993 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. In 2004, S&L visited all sites except Port St. Joe due to its remote location and its similarity to the Rio Pinar Peaker site.

Along with the 1993 site inspections, all drawings originally 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 used to interpret the property record books and to verify structures that

were added or demolished before the 1993 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 1993 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.

In 2004, S&L updated the cost estimate for Progress Energy using 2004 pricing and revised the estimate scopes based on the changes that occurred between 2000 and 2004.

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 the Orlando Utilities Commission completed in April 1993 and updated to 2004 for the Florida Public Service Commission (PSC).

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 forktrucks; 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 sites in 1993. This included material costs, scrap values, wage rates, and man-hour rates to perform the work. This information has been updated to 2004.

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	= $ 75/ton
Nonferrous Scrap Value	= $ 1.00/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 Mariculture Center and Port St. Joe; 6 months for the Avon Park and Rio Pinar peakers; 1 year for Bayboro, Debary, Higgins, Intercession City, Suwannee, 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, Hines Energy Center, and Turner sites.

- **Indirect and Overhead Expenses**. The following Progress Energy 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 Progress Energy 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.

  — **Progress Energy 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.

  — **Progress Energy 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. Progress Energy accounting will perform calculations to provide "year of demolition costs." Cost estimates are based on a January 1, 2004 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.

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 Progress Energy 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

  DSLG – 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

APPENDIX A

Anclote Cost Estimate

2004 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2

SARGENT & LUNDY

ESTIMATE NO. 16412D
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16412D

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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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16412D
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-1,821,000	4,339,000	2,518,000
231	UNIT # 2		-1,642,000	3,824,000	2,182,000
531	COMMON FACILITIES		-249,000	3,458,000	3,209,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			2,715,000	2,715,000
	TOTAL CONSTRUCTION COSTS		-3,712,000	14,336,000	10,624,000
	INDIRECT EXPENSES				1,422,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,807,000
	TOTAL PROJECT COST				13,853,000
	AFUDC				
	GRAND TOTAL COST				13,853,000

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%

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

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16412D
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			1,040,000	1,040,000
DSL	OFF-SITE DISPOSAL			2,715,000	2,715,000
IND	INDIRECT COSTS			1,422,000	1,422,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			5,214,000	5,214,000
SCR	SCRAP VALUE		-3,815,000		-3,815,000
SIT	SITE WORK		103,000	1,962,000	2,065,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			3,405,000	3,405,000
	TOTAL CONSTRUCTION COSTS		-3,712,000	15,758,000	12,046,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,807,000
	TOTAL PROJECT COST				13,853,000
	AFUDC				
	GRAND TOTAL COST				13,853,000

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%

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16412D
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-433,000	666,000	233,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-436,000	575,000	139,000
311.C	COMMON SITE FACILITIES		103,000	5,553,000	5,656,000
312.1	UNIT 1 - BOILER PLANT		-872,000	2,263,000	1,391,000
312.2	UNIT 2 - BOILER PLANT		-859,000	1,926,000	1,067,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-294,000	599,000	305,000
314.1	UNIT 1 - TURBINE PLANT		-187,000	1,211,000	1,024,000
314.2	UNIT 2 - TURBINE PLANT		-187,000	1,202,000	1,015,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-296,000	110,000	-186,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-127,000	49,000	-78,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-58,000	21,000	-37,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-33,000	89,000	56,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-33,000	72,000	39,000
IND	INDIRECT EXPENSES			1,422,000	1,422,000
	TOTAL CONSTRUCTION COSTS		-3,712,000	15,758,000	12,046,000

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

FLORIDA POWER CORPORATION
ANCLOTE - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16412D
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

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 *** MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	82,000	82,000
1311.A2		WALLS										
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	5400	SF				0.008	43	62.58 WMSR	3,000	3,000
1311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	107000	SF				0.005	535	62.58 WMSR	33,000	33,000
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	914	CY	CONC			0.599	547	60.06 WCON	33,000	33,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	5770	TN	-75.00 MTL		-433,000	1.016	5862	54.31 WSTL	318,000	-115,000
1311.A42	--- MTL	GALLERY GRATING	55000	SF				INCL. ACCT. 1311.A4		WSTL		
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF										
1311.A51	--- SLD	BOILER ROOM	17870	SF				0.011	197	67.19 WROF	13,000	13,000
1311.A52	--- SLD	TURBINE ROOM	17819	SF				0.011	196	67.19 WROF	13,000	13,000
1311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT. 1311.A52				
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL.ACCT 1311.A52,3				
1311.A55	--- SLD	AIR HEATER RM, MISC.	4810	SF				0.011	53	67.19 WROF	4,000	4,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA				133.875	134	57.14 WEQP	8,000	8,000
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				450.000	450	57.14 WEQP	26,000	26,000
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				2319	2319	57.14 WEQP	133,000	133,000
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					-433,000		11,693		666,000	233,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	60.06 WCON	87,000	87,000
2311.A2		WALLS										
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	13196	SF				0.008	106	62.58 WMSR	7,000	7,000
2311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	99724	SF				0.005	499	62.58 WMSR	31,000	31,000
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	250	CY	CONC			0.599	150	60.06 WCON	9,000	9,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	5815	TN	-75.00 MTL		-436,000	1.016	5908	54.31 WSTL	321,000	-115,000
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	67.19 WROF	12,000	12,000
2311.A52	--- SLD	TURBINE ROOM	23780	SF				0.011	262	67.19 WROF	18,000	18,000
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	67.19 WROF	4,000	4,000
2311.A6	--- MTL	M/BLDG ELEVATOR	2	EA				75.000	150	57.14 WEQP	9,000	9,000
2311.A7	--- MTL	M/BLDG HVAC	1	LS				450.000	450	57.14 WEQP	26,000	26,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				892.500	893	57.14 WEQP	51,000	51,000
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					-436,000		10,099		575,000	139,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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				
531		COMMON FACILITIES										
5311		COMMON FACILITIES										
5311.A		SITE EXCAVATION										
5311.A1	--- SIT	ASH POND EXCAVATE 2' DEEP		CY				N/A				
5311.A2	--- SIT	PERC. PONS - 2 EA, 3.7 AC EXCAVATE SLUDGE & CONTAMINATED SOIL -	30000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	20000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION	27000	CY		EXC		0.060	1620	79.80 WSIT	129,000	129,000
5311.A5	--- SIT	BORROW EXCAVATION	183000	CY		EXC		0.060	10980	79.80 WSIT	876,000	876,000
5311.A6	--- SIT	FILL						INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	432000	CF		BLDG		0.004	1728	62.58 WMSR	108,000	108,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.B2	--- SLD	GUARDHOUSE						INCL. ACCT.5311.B45				
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	--- SLD	CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE BLOCK BUILDING	38000	CF	BLDG			0.004	152	62.58 WMSR	10,000	10,000
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	275000	CF	BLDG			0.006	1650	62.58 WMSR	103,000	103,000
5311.B43	--- SLD	FUEL OIL PUMPHSE - STEEL FRAME /CONCRETE BLOCK BUILDING	20000	CF	BLDG			0.006	120	62.58 WMSR	8,000	8,000
5311.B44	--- SLD	SW. GEAR BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	36000	CF	BLDG			0.006	216	62.58 WMSR	14,000	14,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	136000	CF	BLDG			0.006	816	62.58 WMSR	51,000	51,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	1750	CY	CONC			1.125	1969	60.06 WCON	118,000	118,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS	950	CY	CONC			0.563	535	60.06 WCON	32,000	32,000
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	39700	SY	PVMT			0.120	4764	79.80 WSIT	380,000	380,000
5311.C22	--- SLD	CONCRETE WALKWAYS	250	CY	CONC			0.525	131	60.06 WCON	8,000	8,000
5311.C23	--- SLD	CONCRETE CURBS	3300	LF				0.012	40	79.80 WSIT	3,000	3,000
5311.C3	--- MTL	FENCES AND GATES	11638	LF				REMAIN IN PLACE				
5311.C4		YARD DRAINAGE	1	LS				ABANDON IN PLACE				
5311.C5		FIRE LINES & HYDRANTS										

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.C51		UNDERGROUND FIRE LINES						ABANDON IN PLACE				
5311.C52	--- MTL	HYDRANTS	1	LS				112.500	113	79.80 WSIT	9,000	9,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				375.000	375	60.06 WCON	23,000	23,000
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.C72	--- SLD	CANAL SEPARATION WALL	200	CY	CONC			0.750	150	60.06 WCON	9,000	9,000
5311.C73		INTAKE STRUCTURE						REMAIN IN PLACE				
5311.C731		INTAKE CLOSURE	1	LS				NOT REQUIRED				
5311.C732		INTAKE FILL		CY				NOT REQUIRED				
5311.C74		DISCHARGE CANAL - "VOID" VOLUME	415000	CY	VOID			INCL. IN WRKG				
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	22000		22,000				19,000	41,000
5311.C742		DISCHARGE STRUCTURE	4501	CY				REMAIN IN PLACE				
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	26000	CY	VOID							
5311.C812	--- DSL	CONCRETE PIPE TRENCH	200	CY	VOID							
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										

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	210000	CY	FILL			0.050	10500	79.80 WSIT	838,000	838,000
5311.C92	SIT SIT	SEED & MULCH SITE	65	AC	1250.00 SEED		81,000	19.275	1253	79.80 WSIT	100,000	181,000
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	124.63 DSLG	2,698,000	2,698,000
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	128.94 DDBR	17,000	17,000
		TOTAL 311.C					103,000		58,897		5,553,000	5,656,000

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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							520,000	520,000
1312		BOILER PLANT										
1312.A	SCR MTL	BOILER AND APPURTENANCES	10000	TN	-75.00 MTL		-750,000	2.025	20250	58.50 WBLR	1,185,000	435,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	400	TN	-75.00 MTL		-30,000	2.672	1069	57.14 WEQP	61,000	31,000
1312.B2	--- MTL	PRECIPITATOR						N/A				
1312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 1312.A				
1312.B4	--- SLD	REMOVAL OF CONCRETE CHIMNEY WITH BRICK LINER 500'H	4400	CY	CONC			0.844	3714	60.06 WCON	223,000	223,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE), AND PEDESTALS FOR DRAFT EQUIPMENT	2045	CY	CONC			1.080	2209	60.06 WCON	133,000	133,000
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-75.00 MTL		-11,000	2.025	304	57.14 WEQP	17,000	6,000
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	-75.00 MTL		-13,000	2.025	344	57.14 WEQP	20,000	7,000
1312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1312.G	SCR MTL	**BOILER PLANT PIPING AND HANGERS**	**900**	**TN**	**-75.00** MTL		**-68,000**	**2.025**	**1823**	**57.14** WEQP	104,000	36,000
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				INCL. ACCT. 1311.A94				
		TOTAL 312.1					-872,000		29,713		2,263,000	1,391,000

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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							520,000	520,000
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES	10000	TN	-75.00 MTL		-750,000	2.025	20250	58.50 WBLR	1,185,000	435,000
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	400	TN	-75.00 MTL		-30,000	2.672	1069	57.14 WEQP	61,000	31,000
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	60.06 WCON	39,000	39,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-75.00 MTL		-11,000	2.025	304	57.14 WEQP	17,000	6,000
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	-75.00 MTL		-68,000	2.025	1823	57.14 WEQP	104,000	36,000

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				INCL. ACCT. 2311.A94				
		TOTAL 312.2					-859,000		24,094		1,926,000	1,067,000

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5312.F		FUEL OIL EQUIPMENT										
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 2 EA @ 259,000 BBL	3240	TN	-75.00 MTL		-243,000	2.672	8657	57.14 WEQP	495,000	252,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70	TN	-75.00 MTL		-5,000	2.672	187	57.14 WEQP	11,000	6,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS						INCL. ACCT. 5311.B6				
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	610	TN	-75.00 MTL		-46,000	2.672	1630	57.14 WEQP	93,000	47,000
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					-294,000		10,474		599,000	305,000

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	1705	TN	-75.00 MTL		-128,000	2.025	3453	57.14 WEQP	197,000	69,000
1314.B2	SCR MTL	CONDENSER	380	TN	-75.00 MTL		-29,000	2.025	770	57.14 WEQP	44,000	15,000
1314.B3	--- SLD	TURBINE PEDESTAL	4200	CY	CONC			1.800	7560	60.06 WCON	454,000	454,000
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	-75.00 MTL		-30,000	2.025	810	57.14 WEQP	46,000	16,000
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	60.06 WCON	48,000	48,000
1314.C3	--- MTL	INTAKE RACKS, MISC.						INCL.	ACCT.	1314.C1		
1314.C4	--- MTL	50 TON GANTRY CRANE	1	EA				150.000	150	57.14 WEQP	9,000	9,000
1314.C5		MECHANICAL DRAFT COOLING WATER TOWER										
1314.C51	--- SLD	ZURN COOLING TOWER 219'DIA.	1	EA				6872	6872	60.06 WCON	413,000	413,000
1314.C52	--- SLD	FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	2320	CY	CONC			INCL.	ACCT.	1314.C51 WCON		
		TOTAL 314.1					-187,000		20,418		1,211,000	1,024,000

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1705	TN	-75.00 MTL		-128,000	2.025	3453	57.14 WEQP	197,000	69,000
2314.B2	SCR MTL	CONDENSER	380	TN	-75.00 MTL		-29,000	2.025	770	57.14 WEQP	44,000	15,000
2314.B3	--- SLD	TURBINE PEDESTAL	4200	CY	CONC			1.800	7560	60.06 WCON	454,000	454,000
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	-75.00 MTL		-30,000	2.025	810	57.14 WEQP	46,000	16,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	60.06 WCON	48,000	48,000
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	60.06 WCON	413,000	413,000
2314.C52	--- SLD	FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	2320	CY	CONC			INCL.	ACCT.	1314.C51 WCON		
		TOTAL 314.2					-187,000		20,268		1,202,000	1,015,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	616	TN	-75.00 MTL		-46,000	2.672	1646	57.14 WEQP	94,000	48,000
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	60.06 WCON	16,000	16,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	250000	LB	-1.00 SCRC		-250,000					-250,000
		TOTAL 315.1					-296,000		1,916		110,000	-186,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	281	TN	-75.00 MTL		-21,000	2.672	751	57.14 WEQP	43,000	22,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	100	CY	CONC			1.080	108	60.06 WCON	6,000	6,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	106000	LB	-1.00 SCRC		-106,000					-106,000
		TOTAL 315.2					-127,000		859		49,000	-78,000

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT										
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	100	TN	-75.00 MTL		-8,000	2.672	267	57.14 WEQP	15,000	7,000
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	60.06 WCON	6,000	6,000
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-1.00 SCRC		-50,000					-50,000
		TOTAL 315.C					-58,000		375		21,000	-37,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1316		MISCELLANEOUS POWER PLANT EQUIPMENT										
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	385	TN	-75.00 MTL		-29,000	2.025	780	57.14 WEQP	45,000	16,000
1316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	4,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 100/20 TON	1	EA				267.188	267	54.31 WSTL	15,000	15,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	54.31 WSTL	2,000	2,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				337.500	338	57.14 WEQP	19,000	19,000
		TOTAL 316.1					-33,000		1,547		89,000	56,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	385	TN	-75.00 MTL		-29,000	2.025	780	57.14 WEQP	45,000	16,000
2316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	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				337.500	338	57.14 WEQP	19,000	19,000
		TOTAL 316.2					-33,000		1,252		72,000	39,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							209,000	209,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							59,000	59,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							327,000	327,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							8,000	8,000
900.15	--- IND	FPC SUPERVISION	1	LS							262,000	262,000
900.16	--- IND	SECURITY SERVICES	1	LS							340,000	340,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							196,000	196,000
900.18	--- IND	PERMITS	1	LS							21,000	21,000
		TOTAL IND									1,422,000	1,422,000

APPENDIX B

Avon Park Cost Estimate

2004 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

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

SARGENT & LUNDY

ESTIMATE NO. 16413E
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16413E

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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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16413E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

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		-74,000	159,000	85,000
631	STATION PEAKERS COMMON FACILITIES		-9,000	89,000	80,000
731	OFF-SITE DISPOSAL			12,000	12,000
	TOTAL CONSTRUCTION COSTS		-83,000	260,000	177,000
	INDIRECT EXPENSES				323,400
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				75,000
	TOTAL PROJECT COST				575,400
	AFUDC				
	GRAND TOTAL COST				575,400

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
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16413E
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			12,000	12,000
IND	INDIRECT COSTS			323,400	323,400
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			140,000	140,000
SCR	SCRAP VALUE		-84,000		-84,000
SIT	SITE WORK		1,000	8,000	9,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			100,000	100,000
	TOTAL CONSTRUCTION COSTS		-83,000	583,400	500,400
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				75,000
	TOTAL PROJECT COST				575,400
	AFUDC				
	GRAND TOTAL COST				575,400

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%

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16413E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

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			12,000	12,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		1,000	70,000	71,000
341.P	PEAKERS 1-2 - STRUCTURES AND IMPROVEMENTS			38,000	38,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-10,000	19,000	9,000
344.P	PEAKERS 1-2 - GAS TURBINE PLANT		-33,000	90,000	57,000
345.P	PEAKERS 1-2 - ACCESSORY ELECTRICAL EQUIPMENT		-41,000	31,000	-10,000
IND	INDIRECT EXPENSES			323,400	323,400
	TOTAL CONSTRUCTION COSTS		-83,000	583,400	500,400

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

FLORIDA POWER CORPORATION
AVON PARK UNITS 1, 2, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16413E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

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 *** MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1						PREVIOUSLY DEMOLISED				
		TOTAL 311.1										

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2						PREVIOUSLY DEMOLISHD				
		TOTAL 311.2										

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	DISP			0.090	90	128.94 DDBR	12,000	12,000
		TOTAL 311.C							90		12,000	12,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	--- SLD	PAVED SURFACES	1350	SY	PVMT			0.120	162	79.80 WSIT	13,000	13,000
6311.222	--- SLD	CONCRETE WALKWAYS	70	CY	CONC			0.525	37	60.06 WCON	2,000	2,000
6311.23	--- MTL	FENCES AND GATES		LF				REMAIN IN PLACE				
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	--- SLD	MISC. SITE BUILDINGS		CF	BLDG					WMSR		
6311.311	--- SLD	BUTLER TYPE WAREHOUSE	77000	CF	BLDG			0.004	308	62.58 WMSR	19,000	19,000
6311.32	--- SLD	TANK FOUNDATIONS	35	CY	CONC			1.125	39	60.06 WCON	2,000	2,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	385	CY	CONC			1.125	433	60.06 WCON	26,000	26,000
6311.4	--- DSL	OFF-SITE REMOVAL & DISPOSAL						INCL. ACCT. 7311.C8				
6311.5		SITE FILL AND LANDSCAPING										
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	1600	CY	FILL			0.050	80	79.80 WSIT	6,000	6,000
6311.52	SIT SIT	SEED & MULCH SITE	1	AC	1250.00 SEED		1,000	19.275	19	79.80 WSIT	2,000	3,000
		TOTAL 341.C					1,000		1,078		70,000	71,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	38,000	38,000
		TOTAL 341.P							**630**		**38,000**	38,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	-75.00 MTL		-8,000	2.672	281	57.14 WEQP	16,000	8,000
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	-75.00 MTL		-2,000	2.025	61	57.14 WEQP	3,000	1,000
		TOTAL 342.C					-10,000			342	19,000	9,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
610		STATION PEAKERS 1-2										
6102.1		COMBUSTION TURBINES 1-2										
6102.11	SCR MTL	COMBUSTION TURBINES GE 2EA @ 19.3MW	440	TN	-75.00 MTL		-33,000	3.570	1571	57.14 WEQP	90,000	57,000
		TOTAL 344.P					-33,000		1,571		90,000	57,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
610		STATION PEAKERS 1-2										
6102.1		COMBUSTION TURBINES 1-2										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	150	TN	-75.00 MTL		-11,000	3.570	536	57.14 WEQP	31,000	20,000
6107		SCRAP VALUE										
6107.8	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-1.00 SCRC		-30,000					-30,000
		TOTAL 345.P					41,000		536		31,000	-10,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							53,000	53,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							10,000	10,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							86,000	86,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							1,400	1,400
900.15	--- IND	FPC SUPERVISION	1	LS							66,000	66,000
900.16	--- IND	SECURITY SERVICES	1	LS							86,000	86,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				N/R				
900.18	--- IND	PERMITS	1	LS							21,000	21,000
		TOTAL IND									323,400	323,400

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APPENDIX C

Bartow Cost Estimate

2004 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

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

SARGENT & LUNDY

ESTIMATE NO. 16414E
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16414E

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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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16414E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price Level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-675,000	3,999,000	3,324,000
231	UNIT # 2		-577,000	3,198,000	2,621,000
331	UNIT # 3		-790,000	1,984,000	1,194,000
531	COMMON FACILITIES		-175,000	3,409,000	3,234,000
610	STATION PEAKERS 1-4		-193,000	532,000	339,000
631	STATION PEAKERS COMMON FACILITIES		-130,000	456,000	326,000
731	OFF-SITE DISPOSAL			8,981,000	8,981,000
	TOTAL CONSTRUCTION COSTS		-2,540,000	22,559,000	20,019,000
	INDIRECT EXPENSES				1,483,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,225,000
	TOTAL PROJECT COST				24,727,000
	AFUDC				
	GRAND TOTAL COST				24,727,000

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16414E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			4,982,000	4,982,000
DSL	OFF-SITE DISPOSAL			8,981,000	8,981,000
IND	INDIRECT COSTS			1,483,000	1,483,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			3,944,000	3,944,000
SCR	SCRAP VALUE		-2,662,000		-2,662,000
SIT	SITE WORK		122,000	2,336,000	2,458,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			2,316,000	2,316,000
	TOTAL CONSTRUCTION COSTS		-2,540,000	24,042,000	21,502,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,225,000
	TOTAL PROJECT COST				24,727,000
	AFUDC				
	GRAND TOTAL COST				24,727,000

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16414E
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price Level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-190,000	990,000	800,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-169,000	341,000	172,000
311.3	UNIT 3 - STRUCTURES AND IMPROVEMENTS		-156,000	792,000	636,000
311.C	COMMON SITE FACILITIES		116,000	11,900,000	12,016,000
312.1	UNIT 1 - BOILER PLANT		-314,000	2,628,000	2,314,000
312.2	UNIT 2 - BOILER PLANT		-237,000	2,473,000	2,236,000
312.3	UNIT 3 - BOILER PLANT		-376,000	700,000	324,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-236,000	479,000	243,000
314.1	UNIT 1 - TURBINE PLANT		-94,000	294,000	200,000
314.2	UNIT 2 - TURBINE PLANT		-94,000	314,000	220,000
314.3	UNIT 3 - TURBINE PLANT		-111,000	373,000	262,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-63,000	31,000	-32,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-63,000	31,000	-32,000
315.3	UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT		-125,000	60,000	-65,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-55,000	11,000	-44,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-14,000	56,000	42,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-14,000	39,000	25,000
316.3	UNIT 3 - MISC. POWER PLANT EQUIPMENT		-22,000	59,000	37,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		6,000	182,000	188,000
341.P	PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS			115,000	115,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-136,000	274,000	138,000
344.P	PEAKERS 1-4 - GAS TURBINE PLANT		-123,000	335,000	212,000
345.P	PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT		-70,000	82,000	12,000
IND	INDIRECT EXPENSES			1,483,000	1,483,000
	TOTAL CONSTRUCTION COSTS		-2,540,000	24,042,000	21,502,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	179,000	179,000
1311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK AND TILE	74740	SF	MSRY			0.008	598	62.58 WMSR	37,000	37,000
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	970	CY	CONC			0.599	581	60.06 WCON	35,000	35,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2530	TN	-75.00 MTL		-190,000	1.016	2570	54.31 WSTL	140,000	-50,000
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	67.19 WROF	2,000	2,000
1311.A52	--- SLD	TURBINE ROOM	10856	SF				0.011	119	67.19 WROF	8,000	8,000
1311.A53	--- SLD	CONTROL HOUSE	6076	SF				0.011	67	67.19 WROF	5,000	5,000
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA	8400	SF				0.011	92	67.19 WROF	6,000	6,000
1311.A55	--- SLD	AIR HEATER RM, MISC.	5629	SF				0.011	62	67.19 WROF	4,000	4,000
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA				133.875	134	57.14 WEQP	8,000	8,000
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				334.688	335	57.14 WEQP	19,000	19,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				551.250	551	57.14 WEQP	31,000	31,000
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	62.58 WMSR	351,000	351,000
1311.A92	--- ASB	3" TRANSITE SEWER PIPE	1105	LF				0.090	99	62.58 WMSR	6,000	6,000
1311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS	28220	LF				0.090	2540	62.58 WMSR	159,000	159,000
		TOTAL 311.1					-190,000		16,350		990,000	800,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	119,000	119,000
2311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	27127	SF	MSRY			0.008	217	62.58 WMSR	14,000	14,000
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	428	CY	CONC			0.599	256	60.06 WCON	15,000	15,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2253	TN	-75.00 MTL		-169,000	1.016	2289	54.31 WSTL	124,000	-45,000
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	67.19 WROF	5,000	5,000
2311.A52	--- SLD	TURBINE ROOM	15840	SF				0.011	174	67.19 WROF	12,000	12,000
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	67.19 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	57.14 WEQP	19,000	19,000
2311.A8	--- MTL	M/BLDG ELECTRICAL	1	LS				551.250	551	57.14 WEQP	31,000	31,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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					-169,000		5,906		341,000	172,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	60.06 WCON	111,000	111,000
3311.A2	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	38744	SF	MSRY			0.008	310	62.58 WMSR	19,000	19,000
3311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	396	CY	CONC			0.599	237	60.06 WCON	14,000	14,000
3311.A4		STRUCTURAL AND GALLERY STEEL										
3311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	2080	TN	-75.00 MTL		-156,000	1.016	2113	54.31 WSTL	115,000	-41,000
3311.A42	--- MTL	GALLERY GRATING	34294	SF	GALL			INCL. ACCT. 3311.A4				
3311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	23169	SF	ROOF							
3311.A51	--- SLD	BOILER ROOM	7800	SF				0.011	86	67.19 WROF	6,000	6,000
3311.A52	--- SLD	TURBINE ROOM	12969	SF				0.011	143	67.19 WROF	10,000	10,000
3311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT. 1311				
3311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL. ACCT. 1311				
3311.A55	--- SLD	AIR HEATER RM, MISC.	2400	SF				0.011	26	67.19 WROF	2,000	2,000
3311.A6	--- MTL	M/BLDG ELEVATOR						INCL. ACCT. 1311				
3311.A7	--- MTL	M/BLDG HVAC	1	LS				320.625	321	57.14 WEQP	18,000	18,000
3311.A8	--- MTL	M/BLDG ELECTRICAL	1	LS				551.250	551	57.14 WEQP	31,000	31,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
3311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	6	EA				INCL. ACCT. 3311.A8				
3311.A82	--- MTL	FIXTURES	570	EA				INCL. ACCT. 3311.A8				
3311.A83	--- MTL	M/BLDG MISC. ELECTRICAL	1	LS				INCL. ACCT. 3311.A8				
3311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
3311.A91	--- ASB	TRANSITE WALL	20667	SF	TRNS			0.360	7440	62.58 WMSR	466,000	466,000
3311.A92	--- ASB	3" TRANSITE SEWER PIPE						INCL. ACCT. 1311.A92				
3311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS						INCL. ACCT. 1311.A93				
		TOTAL 311.3					-156,000		13,072		792,000	636,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	--- SIT	ASH POND - 5AC, EXCAVATE 2' DEEP	16000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A2	--- SIT	PERC. PONS - 2 EA, 17 AC EXCAVATE SLUDGE & CONTAMINATED SOIL -	137000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	20000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION	45550	CY		EXC		0.060	2733	79.80 WSIT	218,000	218,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.A5	--- SIT	BORROW EXCAVATION	197000	CY	EXC			0.060	11820	79.80 WSIT	943,000	943,000
5311.A6	--- SIT	FILL	242250	CY	FILL			INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	165500	CF	BLDG			0.004	662	62.58 WMSR	41,000	41,000
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	BLDG			0.004	382	62.58 WMSR	24,000	24,000
5311.B42	--- SLD	PLANT SERVICE BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	36275	CF	BLDG			0.006	218	62.58 WMSR	14,000	14,000
5311.B43	--- SLD	FUEL OIL BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	54000	CF	BLDG			0.006	324	62.58 WMSR	20,000	20,000
5311.B44	--- SLD	F.O.BOOSTER PUMPHOUSE - STEEL FRAME /CONCRETE BLOCK BUILDING	36000	CF	BLDG			0.006	216	62.58 WMSR	14,000	14,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	130000	CF	BLDG			0.006	780	62.58 WMSR	49,000	49,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	2400	CY	CONC			1.125	2700	60.06 WCON	162,000	162,000
5311.B6	--- SLD	TANK FOUNDATIONS	822	CY	CONC			0.563	463	60.06 WCON	28,000	28,000
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	PVMT			0.120	3000	79.80 WSIT	239,000	239,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.C22	--- SLD	CONCRETE WALKWAYS	855	CY	CONC			0.525	449	60.06 WCON	27,000	27,000
5311.C23	--- SLD	CONCRETE CURBS	16700	LF	CURB			0.012	200	79.80 WSIT	16,000	16,000
5311.C3	--- MTL	FENCES AND GATES	9250	LF				REMAIN IN PLACE				
5311.C4		YARD DRAINAGE						ABANDON IN PLACE				
5311.C5		FIRE LINES & HYDRANTS										
5311.C51		UNDERGROUND FIRE LINES						ABANDON IN PLACE				
5311.C52	--- MTL	HYDRANTS	1	LS				60.000	60	79.80 WSIT	5,000	5,000
5311.C6		OUTDOOR LIGHTING										
5311.C61	--- SLD	PRESTRESSED CONCRETE AND FLOODLIGHT POLES	180	EA				1.500	270	60.06 WCON	16,000	16,000
5311.C62		CABLE AND CONDUIT						ABANDON IN PLACE				
5311.C7		DOCK WORK										
5311.C71		DOCKS						REMAIN IN PLACE				
5311.C72		SEAWALL	2000	LF				REMAIN IN PLACE				
5311.C721		CONCRETE	2385	CY				REMAIN IN PLACE				
5311.C722		PRESTRESSED CONCRETE PILES & WALES	592	EA				ABANDON				
5311.C723		STEEL SHEET PILES & WALES	80000	SF				ABANDON				
5311.C73		INTAKE STRUCTURE						REMAIN IN PLACE				
5311.C731		INTAKE CLOSURE	1	LS				NOT REQUIRED				
5311.C732		INTAKE FILL		CY				NOT REQUIRED				
5311.C74		DISCHARGE CANAL - "VOID"	14000	CY	VOID			INCL. IN WRKG				
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	22000		22,000				21,000	43,000
5311.C742		DISCHARGE CHANNEL - "VOID"	70000	CY	VOID			INCL. IN WRKG				
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING										

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR COST	TOTAL 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	VOID							
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	1500	CY	VOID					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	79.80 WSIT	967,000	967,000
5311.C92	SIT SIT	SEED & MULCH SITE	75	AC	1250.00 SEED		94,000	19.275	1446	79.80 WSIT	115,000	209,000
731		OFF-SITE DISPOSAL										
7311.C82		OFF-SITE DISPOSAL										
7311.C821	--- DSL	ASH MONOFILL - EXCAVATE, TRANSPORT & DISPOSE	16000	CY	DISP			0.197	3152	156.14 DASH	492,000	492,000
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	157000	CY	DISP			0.433	67981	124.63 DSLG	8,472,000	8,472,000
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL		CY				N/A				
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY	DISP			0.090	135	128.94 DDBR	17,000	17,000
		TOTAL 311.C					116,000		109,104		11,900,000	12,016,000

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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							2,000,000	2,000,000
1312		BOILER PLANT										
1312.A	SCR MTL	BOILER AND APPURTENANCES	2400	TN	-75.00 MTL		-180,000	2.025	4860	58.50 WBLR	284,000	104,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	500	TN	-75.00 MTL		-38,000	2.672	1336	57.14 WEQP	76,000	38,000
1312.B2	SCR MTL	PRECIPITATOR	830	TN	-75.00 MTL		-62,000	2.025	1681	57.14 WEQP	96,000	34,000
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	60.06 WCON	56,000	56,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	970	CY	CONC			1.080	1048	60.06 WCON	63,000	63,000
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100	TN	-75.00 MTL		-8,000	2.025	203	57.14 WEQP	12,000	4,000
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	-75.00 MTL		-26,000	2.025	709	57.14 WEQP	41,000	15,000
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				INCL. ACCT. 1311.A94				
		TOTAL 312.1					-314,000		10,765		2,628,000	2,314,000

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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									2,000,000	2,000,000
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES	2400	TN	-75.00 MTL		-180,000	2.025	4860	58.50 WBLR	284,000	104,000
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	300	TN	-75.00 MTL		-23,000	2.672	802	57.14 WEQP	46,000	23,000
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 300'H	1100	CY	CONC			0.844	928	60.06 WCON	56,000	56,000
2312.B5	---- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	530	CY	CONC			1.080	572	60.06 WCON	34,000	34,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100	TN	-75.00 MTL		-8,000	2.025	203	57.14 WEQP	12,000	4,000
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	-75.00 MTL		-26,000	2.025	709	57.14 WEQP	41,000	15,000
2312.N	---- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				INCL. ACCT. 2311.A94				
		TOTAL 312.2					-237,000		8,074		2,473,000	2,236,000

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	-75.00 MTL		-300,000	2.025	8100	58.50 WBLR	474,000	174,000
3312.B		DRAFT EQUIPMENT										
3312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	350	TN	-75.00 MTL		-26,000	2.672	935	57.14 WEQP	53,000	27,000
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	60.06 WCON	56,000	56,000
3312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	600	CY	CONC			1.080	648	60.06 WCON	39,000	39,000
3312.C		FEED WATER SYSTEM										
3312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	120	TN	-75.00 MTL		-9,000	2.025	243	57.14 WEQP	14,000	5,000
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	-75.00 MTL		-41,000	2.025	1114	57.14 WEQP	64,000	23,000
3312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				ABATED				
		TOTAL 312.3					-376,000		11,968		700,000	324,000

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR LABOR COST	TOTAL COST
531		COMMON FACILITIES									
5312.F		FUEL OIL EQUIPMENT									
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 3 EA @ 150,000 BBL	2400 TN	-75.00 MTL		-180,000	2.672	6413	57.14 WEQP	366,000	186,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT - STEEL STACK, HEATING BLRS, ETC	50 TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	4,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS					INCL. ACCT. 5311.B6				
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	687 TN	-75.00 MTL		-52,000	2.672	1836	57.14 WEQP	105,000	53,000
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				-236,000		8,383		479,000	243,000

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	606	TN	-75.00 MTL		-45,000	2.025	1227	57.14 WEQP	70,000	25,000
1314.B2	SCR MTL	CONDENSER	290	TN	-75.00 MTL		-22,000	2.025	587	57.14 WEQP	34,000	12,000
1314.B3	—— SLD	TURBINE PEDESTAL	992	CY	CONC			1.800	1786	60.06 WCON	107,000	107,000
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.	300	TN	-75.00 MTL		-23,000	2.025	608	57.14 WEQP	35,000	12,000
1314.C2	SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063	599	60.06 WCON	36,000	36,000
1314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	4,000
1314.C4	—— MTL	20 TON GANTRY CRANE	1	EA				67.500	68	57.14 WEQP	4,000	4,000
		TOTAL 314.1					-94,000		5,009		294,000	200,000

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	606	TN	-75.00 MTL		-45,000	2.025	1227	57.14 WEQP	70,000	25,000
2314.B2	SCR MTL	CONDENSER	290	TN	-75.00 MTL		-22,000	2.025	587	57.14 WEQP	34,000	12,000
2314.B3	--- SLD	TURBINE PEDESTAL	1209	CY	CONC			1.800	2176	60.06 WCON	131,000	131,000
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	-75.00 MTL		-23,000	2.025	608	57.14 WEQP	35,000	12,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063	599	60.06 WCON	36,000	36,000
2314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	4,000
2314.C4	--- MTL	20 TON GANTRY CRANE						INCL. ACCT. 1314.C4				
		TOTAL 314.2					-94,000		5,331		314,000	220,000

314.3: UNIT 3 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
331		UNIT # 3										
3314		TURBINE PLANT										
3314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
3314.B1	SCR MTL	TURBINE GENERATOR	714	TN	-75.00 MTL		-54,000	2.025	1446	57.14 WEQP	83,000	29,000
3314.B2	SCR MTL	CONDENSER	400	TN	-75.00 MTL		-30,000	2.025	810	57.14 WEQP	46,000	16,000
3314.B3	--- SLD	TURBINE PEDESTAL	1525	CY	CONC			1.800	2745	60.06 WCON	165,000	165,000
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	-75.00 MTL		-23,000	2.025	608	57.14 WEQP	35,000	12,000
3314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				599.063	599	60.06 WCON	36,000	36,000
3314.C3	SCR MTL	INTAKE RACKS, MISC.	50	TN	-75.00 MTL		-4,000	2.672	134	57.14 WEQP	8,000	4,000
3314.C4	--- MTL	20 TON GANTRY CRANE						INCL. ACCT. 1314.C4				
		TOTAL 314.3					-111,000		6,342		373,000	262,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	170	TN	-75.00 MTL		-13,000	2.672	454	57.14 WEQP	26,000	13,000
1315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	70	CY	CONC			1.080	76	60.06 WCON	5,000	5,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-1.00 SCRC		-50,000					-50,000
		TOTAL 315.1					-63,000			530	31,000	-32,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	170	TN	-75.00 MTL		-13,000	2.672	454	57.14 WEQP	26,000	13,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	70	CY	CONC			1.080	76	60.06 WCON	5,000	5,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-1.00 SCRC		-50,000					-50,000
		TOTAL 315.2					-63,000			530	31,000	-32,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
331		UNIT # 3										
3315		ACCESSORY ELECTRICAL EQUIPMENT										
3315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	332	TN	-75.00 MTL		-25,000	2.672	887	57.14 WEQP	51,000	26,000
3315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
3315.C	—— SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	140	CY	CONC			1.080	151	60.06 WCON	9,000	9,000
3317		SCRAP VALUE										
3317.B	SCR SCR	SCRAP VALUE OF COPPER	100000	LB	-1.00 SCRC		-100,000					-100,000
		TOTAL 315.3					-125,000		1,038		60,000	-65,000

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT										
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	60	TN	-75.00 MTL		-5,000	2.672	160	57.14 WEQP	9,000	4,000
5315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
5315.C	—— SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	30	CY	CONC			1.080	32	60.06 WCON	2,000	2,000
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-1.00 SCRC		-50,000					-50,000
		TOTAL 315.C					-55,000			192	11,000	-44,000

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 RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNHR RATE	LABOR MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
331		UNIT # 3										
3316		MISCELLANEOUS POWER PLANT EQUIPMENT										
3316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	220	TN	-75.00 MTL		-17,000	2.025	446	57.14 WEQP	25,000	8,000
3316.B	SCR MTL	MISC. SMALL TANKS	70	TN	-75.00 MTL		-5,000	2.672	187	57.14 WEQP	11,000	6,000
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	57.14 WEQP	23,000	23,000
		TOTAL 316.3					-22,000		1,027		59,000	37,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	--- SLD	PAVED SURFACES	8000	SY	PVMT			0.120	960	79.80 WSIT	77,000	77,000
6311.222	--- SLD	CONCRETE WALKWAYS	100	CY	CONC			0.525	53	60.06 WCON	3,000	3,000
6311.23	--- MTL	FENCES AND GATES		LF				REMAIN IN PLACE				
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	--- SLD	WATER TREATMENT & MISC. SITE BUILDINGS		CF	BLDG			N/A		WMSR		
6311.32	--- SLD	TANK FOUNDATIONS	350	CY	CONC			1.125	394	60.06 WCON	24,000	24,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	85	CY	CONC			1.125	96	60.06 WCON	6,000	6,000
6311.4	--- DSL	OFF-SITE REMOVAL & DISPOSAL						INCL. ACCT. 7311.C8				
6311.5		SITE FILL AND LANDSCAPING										
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	16150	CY	FILL			0.050	808	79.80 WSIT	64,000	64,000
6311.52	SIT SIT	**SEED & MULCH SITE**	5	AC	1250.00 SEED		6,000	19.275	96	79.80 WSIT	8,000	14,000
		TOTAL 341.C					6,000		2,407		182,000	188,000

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 MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	60.06 WCON	115,000	115,000
		TOTAL 341.P							1,913		115,000	115,000

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 RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR COST	TOTAL 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	-75.00 MTL		-130,000	2.672	4636	57.14 WEQP	265,000	135,000
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	-75.00 MTL		-6,000	2.025	162	57.14 WEQP	9,000	3,000
		TOTAL 342.C					-136,000		4,798		274,000	138,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.11	SCR MTL	**COMBUSTION TURBINES GE** 4EA @ 55.7MW	**1640**	**TN**	**-75.00** MTL		**-123,000**	**3.570**	**5855**	**57.14** WEQP	335,000	212,000
		TOTAL 344.P					-123,000		5,855		335,000	212,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	400	TN	-75.00 MTL		-30,000	3.570	1428	57.14 WEQP	82,000	52,000
6107		SCRAP VALUE										
6107.8	SCR SCR	SCRAP VALUE OF COPPER	40000	LB	-1.00 SCRC		-40,000					-40,000
		TOTAL 345.P					-70,000		1,428		82,000	12,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							212,000	212,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							99,000	99,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							330,000	330,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							16,000	16,000
900.15	--- IND	FPC SUPERVISION	1	LS							264,000	264,000
900.16	--- IND	SECURITY SERVICES	1	LS							343,000	343,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							198,000	198,000
900.18	--- IND	PERMITS	1	LS							21,000	21,000
		TOTAL IND									1,483,000	1,483,000

Last Page of Estimate

APPENDIX D

Bayboro Cost Estimate

2004 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4

SARGENT & LUNDY

ESTIMATE NO. 16415D
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16415D

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FLORIDA POWER CORPORATION
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16415D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKERS 1-4		-147,000	432,000	285,000
631	STATION PEAKERS COMMON FACILITIES		-36,000	305,000	269,000
731	OFF-SITE DISPOSAL			190,000	190,000
	TOTAL CONSTRUCTION COSTS		-183,000	927,000	744,000
	INDIRECT EXPENSES				695,300
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				216,000
	TOTAL PROJECT COST				1,655,300
	AFUDC				
	GRAND TOTAL COST				1,655,300

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
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16415D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			190,000	190,000
IND	INDIRECT COSTS			695,300	695,300
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			396,000	396,000
SCR	SCRAP VALUE		-186,000		-186,000
SIT	SITE WORK		3,000	60,000	63,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			281,000	281,000
	TOTAL CONSTRUCTION COSTS		-183,000	1,622,300	1,439,300
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				216,000
	TOTAL PROJECT COST				1,655,300
	AFUDC				
	GRAND TOTAL COST				1,655,300

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
BAYBORO PEAKERS 1-4
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16415D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		3,000	418,000	421,000
341.P	PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS			113,000	113,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-39,000	77,000	38,000
344.P	PEAKERS 1-4 - GAS TURBINE PLANT		-87,000	237,000	150,000
345.P	PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT		-60,000	82,000	22,000
IND	INDIRECT EXPENSES			695,300	695,300
	TOTAL CONSTRUCTION COSTS		-183,000	1,622,300	1,439,300

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	3300	CY	EXC							
6311.212	--- SIT	BERMS AND DIKES EXCAVATION	1000	CY	EXC			0.060	60	79.80 WSIT	5,000	5,000
6311.213	--- SIT	BORROW EXCAVATION	5500	CY	EXC			0.060	330	79.80 WSIT	26,000	26,000
6311.214	--- SIT	FILL	6500	CY				INCL.ACCT.6311.51				
6311.22		ROADS & PAVEMENTS										
6311.221	--- SLD	PAVED SURFACES	3550	SY	PVMT			0.120	426	79.80 WSIT	34,000	34,000
6311.222	--- SLD	CONCRETE WALKWAYS	100	CY	CONC			0.525	53	60.06 WCON	3,000	3,000
6311.23	--- MTL	FENCES AND GATES						REMAIN IN PLACE				
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	--- SLD	MISC. SITE BUILDINGS										
6311.311	--- SLD	MAINTENANCE & WAREHOUSE BUILDING	120000	CF	BLDG			0.006	720	62.58 WMSR	45,000	45,000
6311.312	--- SLD	MISC. SITE BUILDINGS	24800	CF	BLDG			0.006	149	62.58 WMSR	9,000	9,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
6311.32	--- SLD	TANK FOUNDATIONS & BERMS	485	CY	CONC			1.125	546	60.06 WCON	33,000	33,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	645	CY	CONC			1.125	726	60.06 WCON	44,000	44,000
6311.5		SITE FILL AND LANDSCAPING										
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	6500	CY	FILL			0.050	325	79.80 WSIT	26,000	26,000
6311.52	SIT SIT	SEED & MULCH SITE	2	AC	1250.00 SEED		3,000	19.275	39	79.80 WSIT	3,000	6,000
731		OFF-SITE DISPOSAL										
7311.4		OFF-SITE DISPOSAL										
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	3300	CY	DISP			0.433	1429	124.63 DSLG	178,000	178,000
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL						N/A				
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1000	CY	DISP			0.090	90	128.94 DDBR	12,000	12,000
		TOTAL 341.C					3,000		4,893		418,000	421,000

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 RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR COST	TOTAL 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	60.06 WCON	113,000	113,000
		TOTAL 341.P							1,879		113,000	113,000

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

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	-75.00 MTL	-33,000	2.672	1189	57.14 WEQP	68,000	35,000
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	-75.00 MTL	-6,000	2.025	162	57.14 WEQP	9,000	3,000
		TOTAL 342.C			-39,000		1,351		77,000	38,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 55.7MW	1160	TN	-75.00 MTL		-87,000	3.570	4141	57.14 WEQP	237,000	150,000
		TOTAL 344.P					-87,000		4,141		237,000	150,000

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 RATE	MATERIAL EQUIPMENT COST	*** MATERIAL MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR LABOR COST	TOTAL COST
610		STATION PEAKERS 1-4										
6102.1		COMBUSTION TURBINES 1-4										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	400	TN	-75.00 MTL		-30,000	3.570	1428	57.14 WEQP	82,000	52,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-1.00 SCRC		-30,000					-30,000
		TOTAL 345.P					-60,000		1,428		82,000	22,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							105,000	105,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							4,000	4,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							164,000	164,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							1,300	1,300
900.15	--- IND	FPC SUPERVISION	1	LS							131,000	131,000
900.16	--- IND	SECURITY SERVICES	1	LS							170,000	170,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							99,000	99,000
900.18	--- IND	PERMITS	1	LS							21,000	21,000
		TOTAL IND									695,300	695,300

APPENDIX E

Crystal River South
Cost Estimate

2004 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. 16416E
PROJECT NO. 11732000
December 02, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16416E

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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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16416E
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 02DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-2,095,000	10,518,000	8,423,000
231	UNIT # 2		-1,983,000	10,831,000	8,848,000
531	COMMON FACILITIES		-438,000	6,155,000	5,717,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			6,017,000	6,017,000
	TOTAL CONSTRUCTION COSTS		-4,516,000	33,521,000	29,005,000
	INDIRECT EXPENSES				1,542,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				4,582,000
	TOTAL PROJECT COST				35,129,000
	AFUDC				
	GRAND TOTAL COST				35,129,000

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 SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16416E
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 02DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			12,229,000	12,229,000
DSL	OFF-SITE DISPOSAL			6,017,000	6,017,000
IND	INDIRECT COSTS			1,542,000	1,542,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			7,226,000	7,226,000
SCR	SCRAP VALUE		-4,701,000		-4,701,000
SIT	SITE WORK		185,000	3,927,000	4,112,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			4,122,000	4,122,000
	TOTAL CONSTRUCTION COSTS		-4,516,000	35,063,000	30,547,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				4,582,000
	TOTAL PROJECT COST				35,129,000
	AFUDC				
	GRAND TOTAL COST				35,129,000

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%

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

FLORIDA POWER CORPORATION
CRYSTAL RIVER SOUTH - UNITS 1 & 2
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16416E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 02DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-240,000	3,206,000	2,966,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-254,000	3,040,000	2,786,000
311.C	COMMON SITE FACILITIES		182,000	10,829,000	11,011,000
312.1	UNIT 1 - BOILER PLANT		-1,333,000	6,584,000	5,251,000
312.2	UNIT 2 - BOILER PLANT		-1,484,000	7,209,000	5,725,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-570,000	1,320,000	750,000
314.1	UNIT 1 - TURBINE PLANT		-134,000	428,000	294,000
314.2	UNIT 2 - TURBINE PLANT		-143,000	417,000	274,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-341,000	186,000	-155,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-57,000	75,000	18,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-50,000	23,000	-27,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-47,000	114,000	67,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-45,000	90,000	45,000
IND	INDIRECT EXPENSES			1,542,000	1,542,000
	TOTAL CONSTRUCTION COSTS		-4,516,000	35,063,000	30,547,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	413,000	413,000
1311.A2		WALLS										
1311.A21	---- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	22050	SF	MSRY			0.008	176	62.58 WMSR	11,000	11,000
1311.A22	---- MTL	EXTERIOR WALLS - ALUMINUM SIDING	7200	SF	SDNG			0.005	36	62.58 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	60.06 WCON	60,000	60,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	3200	TN	-75.00 MTL		-240,000	1.016	3251	54.31 WSTL	177,000	-63,000
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	67.19 WROF	8,000	8,000
1311.A52	---- SLD	TURBINE ROOM	15800	SF	ROOF			0.011	174	67.19 WROF	12,000	12,000
1311.A53	---- SLD	CONTROL HOUSE						INCL.ACCT.1311.A52,5				
1311.A54	---- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL.ACCT 1311.A52,3				

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1311.A55	--- SLD	AIR HEATER RM, TRIP. RM, MISC.	13270	SF	ROOF			0.011	146	67.19 WROF	10,000	10,000
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	2	EA				133.875	268	57.14 WEQP	15,000	15,000
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				1125	1125	57.14 WEQP	64,000	64,000
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				900.000	900	57.14 WEQP	51,000	51,000
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	62.58 WMSR	2,383,000	2,383,000
1311.A92	ASB	TRANSITE SEWER PIPE						N/A				
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
		TOTAL 311.1					-240,000		52,140		3,206,000	2,966,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	363,000	363,000
2311.A2		WALLS										
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	1713	SF	MSRY			0.008	14	62.58 WMSR	1,000	1,000
2311.A22	--- MTL	EXTERIOR WALLS - ALUMINUM SIDING	10980	SF	SDNG			0.005	55	62.58 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	60.06 WCON	30,000	30,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	3386	TN	-75.00 MTL		-254,000	1.016	3440	54.31 WSTL	187,000	-67,000
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	67.19 WROF	8,000	8,000
2311.A52	--- SLD	TURBINE ROOM	15800	SF	ROOF			0.011	174	67.19 WROF	12,000	12,000
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	67.19 WROF	1,000	1,000
2311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				75.000	75	57.14 WEQP	4,000	4,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
2311.A7	--- MTL	M/BLDG HVAC	1	LS				1125	1125	57.14 WEQP	64,000	64,000
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				937.500	938	57.14 WEQP	54,000	54,000
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	TRNS			0.360	36958	62.58 WMSR	2,313,000	2,313,000
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A		WMSR		
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A		WMSR		
		TOTAL 311.2					-254,000		49,466		3,040,000	2,786,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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				
531		COMMON FACILITIES										
5311		COMMON FACILITIES										
5311.A		SITE EXCAVATION										
5311.A1	--- SIT	ASH PONDS EXCAVATE 2' DEEP	145200	CY		EXC		INCL. ACCT. 7311.C82				
5311.A2	--- SIT	PERCOLATION PONDS	8100	CY		EXC		INCL. ACCT. 7311.C82				
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	20000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION	67000	CY		EXC		0.060	4020	79.80 WSIT	321,000	321,000
5311.A5	--- SIT	BORROW EXCAVATION	356000	CY		EXC		0.060	21360	79.80 WSIT	1,705,000	1,705,000
5311.A6	--- SIT	FILL	420000	CY				INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	320000	CF		BLDG		0.004	1280	62.58 WMSR	80,000	80,000
5311.B2	--- SLD	GUARDHOUSE						INCL. ACCT.5311.B45				

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	--- SLD	WATER TREATM., CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE	173000	CF	BLDG			0.004	692	62.58 WMSR	43,000	43,000
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING			BLDG			INCL.1-4 COMMON FACL		62.58 WMSR		
5311.B43	--- SLD	PUMPHSES - STEEL FRAME /CONCRETE BLOCK BUILDING			BLDG			INCL.1-4 COMMON FACL		62.58 WMSR		
5311.B44	--- SLD	PRECIPITATOR ELECTR. BUILDINGS 2 EA - STEEL FRAME /CONCRETE BLOCK	100800	CF	BLDG			0.006	605	62.58 WMSR	38,000	38,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	20000	CF	BLDG			0.006	120	62.58 WMSR	8,000	8,000
5311.B46	--- ASB	TRANSITE WALL	5912	SF	TRNS			0.360	2128	62.58 WMSR	133,000	133,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	1750	CY	CONC			1.125	1969	60.06 WCON	118,000	118,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS	1620	CY	CONC			0.563	912	60.06 WCON	55,000	55,000
5311.B7	--- SLD	CONCRETE WATER SOFTENER TANKS	200	CY	CONC			1.125	225	60.06 WCON	14,000	14,000
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	79.80 WSIT	192,000	192,000
5311.C22	--- SLD	CONCRETE WALKWAYS	120	CY	CONC			0.525	63	60.06 WCON	4,000	4,000
5311.C23	--- SLD	CONCRETE CURBS	16850	LF				0.012	202	79.80 WSIT	16,000	16,000
5311.C3	--- MTL	FENCES AND GATES	46250	LF				REMAIN IN PLACE				
5311.C4		YARD DRAINAGE	1	LS				ABANDON IN PLACE				

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.C5		FIRE LINES & HYDRANTS										
5311.C51		UNDERGROUND FIRE LINES						ABANDON IN PLACE				
5311.C52	--- MTL	HYDRANTS	1	LS				187.500	188	79.80 WSIT	15,000	15,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				750.000	750	60.06 WCON	45,000	45,000
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	60.06 WCON	27,000	27,000
5311.C712	SCR MTL	STRUCTURAL STEEL	36	TN	-75.00 MTL		-3,000	2.700	97	54.31 WSTL	5,000	2,000
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" VOLUME	795620	CY	 VOID			INCL. IN WRKG				
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	22000		22,000				25,000	47,000
5311.C742	SLD SLD	DISCHARGE OUTFALL STRUCTURE	2040	CY	 CONC			0.750	1530	60.06 WCON	92,000	92,000
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							

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	79.80 WSIT	1,676,000	1,676,000
5311.C92	SIT SIT	SEED & MULCH SITE	130	AC	1250.00 SEED		163,000	19.275	2506	79.80 WSIT	200,000	363,000
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	156.14 DASH	4,466,000	4,466,000
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	28100	CY	DISP			0.433	12167	124.63 DSLG	1,516,000	1,516,000
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	128.94 DDBR	35,000	35,000
		TOTAL 311.C					182,000		103,538		10,829,000	11,011,000

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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							3,500,000	3,500,000
1312		BOILER PLANT										
1312.A	SCR MTL	BOILER AND APPURTENANCES	9025	TN	-75.00 MTL		-677,000	2.025	18276	58.50 WBLR	1,069,000	392,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-75.00 MTL		-128,000	2.672	4542	57.14 WEQP	260,000	132,000
1312.B2	SCR MTL	PRECIPITATOR	5100	TN	-75.00 MTL		-383,000	2.025	10328	57.14 WEQP	590,000	207,000
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	60.06 WCON	350,000	350,000
1312.B5	---- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	9040	CY	CONC			1.080	9763	60.06 WCON	586,000	586,000
1312.B6		DUCT COLLECTORS - EQUIPMENT						DEMOLISHED				
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-75.00 MTL		-11,000	2.025	304	57.14 WEQP	17,000	6,000
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	-75.00 MTL		-13,000	2.025	344	57.14 WEQP	20,000	7,000

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	1435	TN	-75.00 MTL		-108,000	2.025	2906	57.14 WEQP	166,000	58,000
1312.H		ASH HANDLING EQUIPMENT										
1312.H1	SCR MTL	EQUIPMENT	100	TN	-75.00 MTL		-8,000	2.700	270	57.14 WEQP	15,000	7,000
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	-75.00 MTL		-5,000	2.700	189	57.14 WEQP	11,000	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					-1,333,000		52,746		6,584,000	5,251,000

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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							3,900,000	3,900,000
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES	10000	TN	-75.00 MTL		-750,000	2.025	20250	58.50 WBLR	1,185,000	435,000
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	2000	TN	-75.00 MTL		-150,000	2.672	5344	58.50 WBLR	313,000	163,000
2312.B2	SCR MTL	PRECIPITATOR	5500	TN	-75.00 MTL		-413,000	2.025	11138	57.14 WEQP	636,000	223,000
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	60.06 WCON	327,000	327,000
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	9040	CY	CONC			1.080	9763	60.06 WCON	586,000	586,000
2312.B6		DUCT COLLECTORS - EQUIPMENT						DEMOLISHED				
2312.B7	SCR MTL	FLY ASH SILO	100	TN	-75.00 MTL		-8,000	0.998	100	54.31 WSTL	5,000	-3,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	150	TN	-75.00 MTL		-11,000	2.025	304	57.14 WEQP	17,000	6,000
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	-75.00 MTL		-19,000	2.025	506	57.14 WEQP	29,000	10,000

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	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	-75.00 MTL		-120,000	2.025	3240	57.14 WEQP	185,000	65,000
2312.H		ASH HANDLING EQUIPMENT										
2312.H1	SCR MTL	EQUIPMENT	100	TN	-75.00 MTL		-8,000	2.700	270	57.14 WEQP	15,000	7,000
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	-75.00 MTL		-5,000	2.700	189	57.14 WEQP	11,000	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					-1,484,000		56,548		7,209,000	5,725,000

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	-75.00 MTL		-383,000	2.672	13654	57.14 WEQP	780,000	397,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70	TN	-75.00 MTL		-5,000	2.672	187	57.14 WEQP	11,000	6,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS						INCL. ACCT. 5311.B6				
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	1230	TN	-75.00 MTL		-92,000	2.672	3287	57.14 WEQP	188,000	96,000
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
5312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, RECLAIM EQUIPMENT	1200	TN	-75.00 MTL		-90,000	2.700	3240	57.14 WEQP	185,000	95,000
5312.M2	--- SLD	BUILDINGS AND TOWERS - CRUSHER HOUSE	57120	CF	BLDG			0.008	457	62.58 WMSR	29,000	29,000
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	1765	CY	CONC			1.200	2118	60.06 WCON	127,000	127,000
		TOTAL 312.C					-570,000		22,943		1,320,000	750,000

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	1035	TN	-75.00 MTL		-78,000	2.025	2096	57.14 WEQP	120,000	42,000
1314.B2	SCR MTL	CONDENSER	406	TN	-75.00 MTL		-30,000	2.025	822	57.14 WEQP	47,000	17,000
1314.B3	--- SLD	TURBINE PEDESTAL	1512	CY	CONC			1.800	2722	60.06 WCON	163,000	163,000
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.	350	TN	-75.00 MTL		-26,000	2.025	709	57.14 WEQP	41,000	15,000
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	60.06 WCON	48,000	48,000
1314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 1314.C1				
1314.C4	--- MTL	GANTRY CRANE	1	EA				150.000	150	57.14 WEQP	9,000	9,000
1314.C5		MECHANICAL DRAFT COOLING WATER TOWER						SEE EST. C.T.HELPER				
		TOTAL 314.1					-134,000		7,302		428,000	294,000

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1150	TN	-75.00 MTL		-86,000	2.025	2329	57.14 WEQP	133,000	47,000
2314.B2	SCR MTL	CONDENSER	410	TN	-75.00 MTL		-31,000	2.025	830	57.14 WEQP	47,000	16,000
2314.B3	--- SLD	TURBINE PEDESTAL	1371	CY	CONC			1.800	2468	60.06 WCON	148,000	148,000
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.	350	TN	-75.00 MTL		-26,000	2.025	709	57.14 WEQP	41,000	15,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				802.500	803	60.06 WCON	48,000	48,000
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					-143,000		7,139		417,000	274,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	1032	TN	-75.00 MTL		-77,000	2.672	2758	57.14 WEQP	158,000	81,000
1315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
1315.C	—— SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, PIERS, CURBS, BASIN	430	CY	CONC			1.080	464	60.06 WCON	28,000	28,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	264000	LB	-1.00 SCRC		-264,000					-264,000
		TOTAL 315.1					-341,000		3,222		186,000	-155,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	393	TN	-75.00 MTL		-29,000	2.672	1050	57.14 WEQP	60,000	31,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	230	CY	CONC			1.080	248	60.06 WCON	15,000	15,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	28000	LB	-1.00 SCRC		-28,000					-28,000
		TOTAL 315.2					-57,000		1,298		75,000	18,000

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT										
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	113	TN	-75.00 MTL		-8,000	2.672	302	57.14 WEQP	17,000	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	60.06 WCON	6,000	6,000
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER	42000	LB	-1.00 SCRC		-42,000					-42,000
		TOTAL 315.C					-50,000		410		23,000	-27,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	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	-75.00 MTL		-39,000	2.025	1065	57.14 WEQP	61,000	22,000
1316.B	SCR MTL	MISC. SMALL TANKS	111	TN	-75.00 MTL		-8,000	2.672	297	57.14 WEQP	17,000	9,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 70/30 TON	1	EA				267.188	267	54.31 WSTL	15,000	15,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	54.31 WSTL	2,000	2,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				337.500	338	57.14 WEQP	19,000	19,000
		TOTAL 316.1					-47,000		1,995		114,000	67,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 2										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	540	TN	-75.00 MTL		-41,000	2.025	1094	57.14 WEQP	63,000	22,000
2316.B	SCR MTL	MISC. SMALL TANKS	52	TN	-75.00 MTL		-4,000	2.672	139	57.14 WEQP	8,000	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	57.14 WEQP	19,000	19,000
		TOTAL 316.2					-45,000		1,571		90,000	45,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	IND	INDIRECT EXPENSES										
900.1	IND	FPC INDIRECT EXPENSES	1	LS								
900.11	IND	FPC ENGINEERING ALLOCATION	1	LS							213,000	213,000
900.12	IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							144,000	144,000
900.13	IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							333,000	333,000
900.14	IND	WRAP-UP AND RISK INSURANCE	1	LS							20,000	20,000
900.15	IND	FPC SUPERVISION	1	LS							266,000	266,000
900.16	IND	SECURITY SERVICES	1	LS							345,000	345,000
900.17	IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							200,000	200,000
900.18	IND	PERMITS	1	LS							21,000	21,000
		TOTAL IND									1,542,000	1,542,000

Department - Florida Controller's
Account Reconciliation - Account 1420122
Company 60
For the period ending February 28, 2005

Account Name: Accounts Receivable (A/R) - Outstanding Deposits

Account Owner Louise Lopez

Account Description: Account 1420122 represents the A/R for customer deposits that have been billed, but not yet collected from the customer.

Monthly entry to record:	Debit	1420122	A/R Outstanding Deposit
	Credit	2353010	Customer Deposit Active
When Cash is received to satisfy the deposit:			
	Debit	1311000	Cash
	Credit	1420122	A/R Outstanding Deposit

Account Reconciliation:

Oracle Acct. Balance	5,548,709.65
Balance per Account Reconciliation	5,548,709.65
Difference	0.00 *

Supporting Documentation: CSS reports (portions attached)

Outstanding Issues:

With the automation of the CSS/GL interface, an outstanding issue exists with respect to the programming (and or mapping) of certain transactions (control code 63, automated transfers)
A SIR (system information request) has been written to correct the problem.
Until then there is a corresponding difference of the amount in control code 63 between accounts 1420122 and 2353010.
Consequently a monthly journal entry is done to correct the problem until the SIR is completed.

Aging
CURDP200, Aging report, does not tie to CURCT010-control code 98 by $4,680.00.
Suzanne Ochsner, IT, is aware of the out of balance and will research when time permits.
Progress has been made on deposits over 90 days as they have decreased by 42% ($172K) since December.
Exposure is expected to be on the balance sheet (acct 2353010) but has not yet been determined.
Yvonne Borders, Customer Service, will document the procedure for researching these deposits by 4/30/05.

Prepared by: Barbara Afield

Date Prepared

Reviewed by:

Date Reviewed

Florida Power Corporation
GL Account Reconciliation - Debit / (Credit)
A/R outstanding deposits (1420122)
February 28, 2005
Z:\Controlr\Account Reconciliations\2005\PEF-60\[1420122 OutstandingDeposits.xls]1420122

	1420122 G/L	Per CURST010-CC98	Difference
31-Jan-05	5,798,232.67	5,798,232.67	0.00
28-Feb-05	5,548,709.65	5,548,709.65	0.00
31-Mar-05			0.00
30-Apr-05			0.00
31-May-05			0.00
30-Jun-05			0.00
31-Jul-05			0.00
31-Aug-05			0.00
30-Sep-05			0.00
31-Oct-05			0.00
30-Nov-05			0.00
31-Dec-05			0.00

Note: Deposits outstanding (2353014) and Active (2353010) GL compared to CSS is thrown out of balance (dialog control code 08); when a misc. dr/cr (dialog that allows a one-sided transaction) is a portion of an outstanding deposit (billed) or a deposit on hand. These differences show up in control codes 57/67. Once these differences are identified, the G/L should beadjusted to agree with CSS report CURCT010 total "Deposits Outstanding" and "Customer Deposits."

APPENDIX F

Crystal River North
Cost Estimate

2004 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. 16417D
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16417D

TABLE OF CONTENTS

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16417D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 4		-3,231,000	8,292,000	5,061,000
231	UNIT # 5		-3,028,000	7,613,000	4,585,000
531	COMMON FACILITIES		-385,000	7,013,000	6,628,000
631	PEAKERS				N/A
731	OFF-SITE DISPOSAL			4,794,000	4,794,000
	TOTAL CONSTRUCTION COSTS		-6,644,000	27,712,000	21,068,000
	INDIRECT EXPENSES				1,474,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,381,000
	TOTAL PROJECT COST				25,923,000
	AFUDC				
	GRAND TOTAL COST				25,923,000

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 NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16417D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE				
DSL	OFF-SITE DISPOSAL			4,794,000	4,794,000
IND	INDIRECT COSTS			1,474,000	1,474,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			9,497,000	9,497,000
SCR	SCRAP VALUE		-6,857,000		-6,857,000
SIT	SITE WORK		213,000	4,629,000	4,842,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			8,792,000	8,792,000
	TOTAL CONSTRUCTION COSTS		-6,644,000	29,186,000	22,542,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				3,381,000
	TOTAL PROJECT COST				25,923,000
	AFUDC				
	GRAND TOTAL COST				25,923,000

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%

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

FLORIDA POWER CORPORATION
CRYSTAL RIVER NORTH - UNITS 4 & 5
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16417D
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.4	UNIT 4 - STRUCTURES AND IMPROVEMENTS		-1,103,000	2,002,000	899,000
311.5	UNIT 5 - STRUCTURES AND IMPROVEMENTS		-985,000	1,686,000	701,000
311.C	COMMON SITE FACILITIES		183,000	10,608,000	10,791,000
312.4	UNIT 4 - BOILER PLANT		-1,699,000	4,071,000	2,372,000
312.5	UNIT 5 - BOILER PLANT		-1,699,000	3,757,000	2,058,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-406,000	1,130,000	724,000
314.4	UNIT 4 - TURBINE PLANT		-209,000	2,021,000	1,812,000
314.5	UNIT 5 - TURBINE PLANT		-209,000	2,021,000	1,812,000
315.4	UNIT 4 - ACCESSORY ELECTRICAL EQUIPMENT		-168,000	69,000	-99,000
315.5	UNIT 5 - ACCESSORY ELECTRICAL EQUIPMENT		-82,000	35,000	-47,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-162,000	69,000	-93,000
316.4	UNIT 4 - MISC. POWER PLANT EQUIPMENT		-52,000	131,000	79,000
316.5	UNIT 5 - MISC. POWER PLANT EQUIPMENT		-53,000	112,000	59,000
IND	INDIRECT EXPENSES			1,474,000	1,474,000
	TOTAL CONSTRUCTION COSTS		-6,644,000	29,186,000	22,542,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	654,000	654,000
1311.A2		WALLS										
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	46703	SF	MSRY			0.008	374	62.58 WMSR	23,000	23,000
1311.A22	--- MTL	EXTERIOR WALLS - METAL WALL PANELS	199471	SF	SDNG			0.006	1197	62.58 WMSR	75,000	75,000
1311.A23	--- MTL	TRANSITE SIDING						N/A		WMSR		
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	3980	CY	CONC			0.599	2384	60.06 WCON	143,000	143,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	14707	TN	-75.00 MTL		-1,103,000	1.016	14942	54.31 WSTL	812,000	-291,000
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	67.19 WROF	35,000	35,000
1311.A52	--- SLD	TURBINE ROOM	27984	SF	ROOF			0.011	308	67.19 WROF	21,000	21,000
1311.A53	--- SLD	CONTROL HOUSE						INCL.ACCT.1311.A52,5				
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL.ACCT 1311.A52,3				

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
1311.A55	--- SLD	AIR HEATER RM, TRIP. RM, MISC.	20120	SF	ROOF			0.011	221	67.19 WROF	15,000	15,000
1311.A6	--- MTL	MAIN BUILDING ELEVATOR	1	EA				150.000	150	57.14 WEQP	9,000	9,000
1311.A7	--- MTL	MAIN BUILDING HVAC	1	LS				1500	1500	57.14 WEQP	86,000	86,000
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				2250	2250	57.14 WEQP	129,000	129,000
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			TRNS			N/A		WMSR		
1311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
		TOTAL 311.4					-1,103,000		34,742		2,002,000	899,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	60.06 WCON	569,000	569,000
2311.A2		WALLS										
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	16090	SF	MSRY			0.008	129	62.58 WMSR	8,000	8,000
2311.A22	--- MTL	EXTERIOR WALLS - METAL WALL PANELS	199105	SF	SDNG			0.005	996	62.58 WMSR	62,000	62,000
2311.A23	--- MTL	TRANSITE SIDING WALLS & ROOF						N/A		WMSR		
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	2342	CY	CONC			0.599	1403	60.06 WCON	84,000	84,000
2311.A4		STRUCTURAL AND GALLERY STEEL										
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	13130	TN	-75.00 MTL		-985,000	1.016	13340	54.31 WSTL	724,000	-261,000
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	67.19 WROF	27,000	27,000
2311.A52	--- SLD	TURBINE ROOM	26674	SF	ROOF			0.011	293	67.19 WROF	20,000	20,000
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	67.19 WROF	3,000	3,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
2311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				150.000	150	57.14 WEQP	9,000	9,000
2311.A7	--- MTL	M/BLDG HVAC	1	LS				1500	1500	57.14 WEQP	86,000	86,000
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				1650	1650	57.14 WEQP	94,000	94,000
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					-985,000		29,375		1,686,000	701,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	--- SIT	ASH RUN-OFF PONDS EXCAVATE 2' DEEP	48400	CY		EXC		INCL. ACCT. 7311.C82				
5311.A2	--- SIT	PERCOLATION PONDS	58600	CY		EXC		INCL. ACCT. 7311.C82				
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	2000	CY		EXC		INCL. ACCT. 7311.C82				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION	22000	CY		EXC		0.060	1320	79.80 WSIT	105,000	105,000
5311.A5	--- SIT	BORROW EXCAVATION	479000	CY		EXC		0.060	28740	79.80 WSIT	2,293,000	2,293,000
5311.A6	--- SIT	FILL	495000	CY				INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS		CF		BLDG		INCL.1-4 COMMON FACL		WMSR		
5311.B2	--- SLD	GUARDHOUSE						INCL. ACCT.5311.B45				

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	--- SLD	WATER TREATM., CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE	407330	CF	BLDG			0.004	1629	62.58 WMSR	102,000	102,000
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	62.58 WMSR	53,000	53,000
5311.B44	--- SLD	PRECIPITATOR CONTROL BUILDING 2 EA - STEEL FRAME /CONCRETE BLOCK	210460	CF	BLDG			0.006	1263	62.58 WMSR	79,000	79,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	79500	CF	BLDG			0.006	477	62.58 WMSR	30,000	30,000
5311.B46	--- ASB	TRANSITE WALL			TRNS			N/A		WMSR		
5311.B47	SCR MTL	WATER MGMT BLDG AND MISC. STRUCTURAL AND GIRT STEEL	400	TN	-75.00 MTL		-30,000	1.016	406	54.31 WSTL	22,000	-8,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	3675	CY	CONC			1.125	4134	60.06 WCON	248,000	248,000
5311.B6	--- SLD	TANK AND PUMP FOUNDATIONS & CONCRETE BERMS INCL. NEUTR. TANK	1680	CY	CONC			0.563	946	60.06 WCON	57,000	57,000
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	79.80 WSIT	389,000	389,000
5311.C22	--- SLD	CONCRETE WALKWAYS	65	CY	CONC			0.525	34	60.06 WCON	2,000	2,000
5311.C23	--- SLD	CONCRETE CURBS	21400	LF				0.012	257	79.80 WSIT	21,000	21,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	79.80 WSIT	15,000	15,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				750.000	750	60.06 WCON	45,000	45,000
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	CONC			0.750	1875	60.06 WCON	113,000	113,000
5311.C74		DISCHARGE CANAL - "VOID" VOLUME						INCL. W/UNITS 1 & 2				
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	22000		22,000				21,000	43,000
5311.C742	SLD SLD	DISCHARGE OUTFALL STRUCTURE	200	CY	CONC			0.750	150	60.06 WCON	9,000	9,000
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							

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	79.80 WSIT	1,975,000	1,975,000
5311.C92	SIT SIT	SEED & MULCH SITE	153	AC	1250.00 SEED		191,000	19.275	2949	79.80 WSIT	235,000	426,000
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	156.14 DASH	1,489,000	1,489,000
7311.C822	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	60600	CY	DISP			0.433	26240	124.63 DSLG	3,270,000	3,270,000
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	128.94 DDBR	35,000	35,000
		TOTAL 311.C					183,000		111,632		10,608,000	10,791,000

312.4: UNIT 4 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	-75.00 MTL		-848,000	2.025	22883	58.50 WBLR	1,339,000	491,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-75.00 MTL		-128,000	2.672	4542	57.14 WEQP	260,000	132,000
1312.B2	SCR MTL	PRECIPITATOR	5700	TN	-75.00 MTL		-428,000	2.025	11543	57.14 WEQP	660,000	232,000
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	60.06 WCON	355,000	355,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	10070	CY	CONC			1.080	10876	60.06 WCON	653,000	653,000
1312.B6	SCR MTL	DUCT COLLECTORS - EQUIPMENT	250	TN	-75.00 MTL		-19,000	2.672	668	57.14 WEQP	38,000	19,000
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	200	TN	-75.00 MTL		-15,000	2.025	405	57.14 WEQP	23,000	8,000
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	-75.00 MTL		-19,000	2.025	506	57.14 WEQP	29,000	10,000

312.4: UNIT 4 - 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	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
1312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	2500	TN	-75.00 MTL		-188,000	2.025	5063	57.14 WEQP	289,000	101,000
1312.H		ASH HANDLING EQUIPMENT										
1312.H1	SCR MTL	EQUIPMENT	350	TN	-75.00 MTL		-26,000	2.700	945	57.14 WEQP	54,000	28,000
1312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	3600	CY	CONC			1.200	4320	60.06 WCON	259,000	259,000
1312.H3	--- SLD	ASH HAUL BRIDGES - 2EA	765	CY	CONC			1.200	918	60.06 WCON	55,000	55,000
1312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
1312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	370	TN	-75.00 MTL		-28,000	2.700	999	57.14 WEQP	57,000	29,000
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					-1,699,000		69,576		4,071,000	2,372,000

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	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
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	-75.00 MTL		-848,000	2.025	22883	58.50 WBLR	1,339,000	491,000
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING, STEEL SUPPORT	1700	TN	-75.00 MTL		-128,000	2.672	4542	57.14 WEQP	260,000	132,000
2312.B2	SCR MTL	PRECIPITATOR	5700	TN	-75.00 MTL		-428,000	2.025	11543	57.14 WEQP	660,000	232,000
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	60.06 WCON	355,000	355,000
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	10070	CY	CONC			1.080	10876	60.06 WCON	653,000	653,000
2312.B6	SCR MTL	DUCT COLLECTORS - EQUIPMENT	250	TN	-75.00 MTL		-19,000	2.672	668	57.14 WEQP	38,000	19,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	200	TN	-75.00 MTL		-15,000	2.025	405	57.14 WEQP	23,000	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	-75.00 MTL		-19,000	2.025	506	57.14 WEQP	29,000	10,000

312.5: UNIT 5 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
2312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F				
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	2500	TN	-75.00 MTL		-188,000	2.025	5063	57.14 WEQP	289,000	101,000
2312.H		ASH HANDLING EQUIPMENT										
2312.H1	SCR MTL	EQUIPMENT	350	TN	-75.00 MTL		-26,000	2.700	945	57.14 WEQP	54,000	28,000
2312.H2	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)			CONC			INCL. ACCT. 1312.H2		WCON		
2312.H3	--- SLD	ASH HAUL BRIDGES - 2EA			CONC			INCL. ACCT. 1312.H3		WCON		
2312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
2312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BENTS, EQUIPMENT	370	TN	-75.00 MTL		-28,000	2.700	999	57.14 WEQP	57,000	29,000
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						N/A				
		TOTAL 312.5					-1,699,000		64,338		3,757,000	2,058,000

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5312.F		FUEL OIL EQUIPMENT										
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 2 EA @ 250,000 GAL	180	TN	-75.00 MTL		-14,000	2.672	481	57.14 WEQP	27,000	13,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	70	TN	-75.00 MTL		-5,000	2.672	187	57.14 WEQP	11,000	6,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS						INCL. ACCT. 5311.B6				
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	855	TN	-75.00 MTL		-64,000	2.672	2285	57.14 WEQP	131,000	67,000
5312.M		FUEL EQUIPMENT - MATERIAL HANDLING										
5312.M1	SCR MTL	CONVEYORS INCLUDING TRUSSES, BRIDGES, BENTS, RECLAIM EQUIPMENT	4000	TN	-75.00 MTL		-300,000	2.700	10800	57.14 WEQP	617,000	317,000
5312.M2	SCR MTL	BUILDINGS AND TOWERS - CRUSHER HOUSE	300	TN	-75.00 MTL		-23,000	2.700	810	54.31 WSTL	44,000	21,000
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	4165	CY	CONC			1.200	4998	60.06 WCON	300,000	300,000
		TOTAL 312.C					-406,000		19,561		1,130,000	724,000

314.4: UNIT 4 - TURBINE 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	*** LABOR MNHR RATE	MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
131		UNIT # 4										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	1900	TN	-75.00 MTL		-143,000	2.025	3848	57.14 WEQP	220,000	77,000
1314.B2	SCR MTL	CONDENSER	430	TN	-75.00 MTL		-32,000	2.025	871	57.14 WEQP	50,000	18,000
1314.B3	--- SLD	TURBINE PEDESTAL	2705	CY	CONC			1.800	4869	60.06 WCON	292,000	292,000
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	-75.00 MTL		-34,000	2.025	911	57.14 WEQP	52,000	18,000
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				900.000	900	60.06 WCON	54,000	54,000
1314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 1314.C1				
1314.C4	--- MTL	GANTRY CRANE	1	EA				150.000	150	57.14 WEQP	9,000	9,000
1314.C5		NATURAL DRAFT COOLING WATER TOWER										
1314.C51	--- SLD	CONCRETE COOLING TOWER 330'D X 445'H	1	EA				22373	22373	60.06 WCON	1,344,000	1,344,000
1314.C52	--- SLD	SHELL, FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RISERS	27680	CY	CONC			INCL. ACCT. 1314.C51				
		TOTAL 314.4					-209,000		33,922		2,021,000	1,812,000

314.5: UNIT 5 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 5										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	1900	TN	-75.00 MTL		-143,000	2.025	3848	57.14 WEQP	220,000	77,000
2314.B2	SCR MTL	CONDENSER	430	TN	-75.00 MTL		-32,000	2.025	871	57.14 WEQP	50,000	18,000
2314.B3	--- SLD	TURBINE PEDESTAL	2705	CY	CONC			1.800	4869	60.06 WCON	292,000	292,000
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.	450	TN	-75.00 MTL		-34,000	2.025	911	57.14 WEQP	52,000	18,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				900.000	900	60.06 WCON	54,000	54,000
2314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 2314.C1				
2314.C4	--- MTL	GANTRY CRANE	1	EA				150.000	150	57.14 WEQP	9,000	9,000
2314.C5		NATURAL DRAFT COOLING WATER TOWER										
2314.C51	--- SLD	CONCRETE COOLING TOWER 330'D X 445'H	1	EA				22373	22373	60.06 WCON	1,344,000	1,344,000
2314.C52	--- SLD	SHELL, FOUNDATIONS AND BASIN (2 FT BELOW GRADE), AND PIPE RIZERS	27680	CY	CONC			INCL. ACCT. 2314.C51				
		TOTAL 314.5					-209,000		33,922		2,021,000	1,812,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 4										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	368	TN	-75.00 MTL		-28,000	2.672	983	57.14 WEQP	56,000	28,000
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	60.06 WCON	13,000	13,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	140000	LB	-1.00 SCRC		-140,000					-140,000
		TOTAL 315.4					-168,000		1,199		69,000	-99,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 5										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMER AND MISC. ELECTRICAL EQUIPMENT	189	TN	-75.00 MTL		-14,000	2.672	505	57.14 WEQP	29,000	15,000
2315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS	100	CY	CONC			1.080	108	60.06 WCON	6,000	6,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	68000	LB	-1.00 SCRC		-68,000					-68,000
		TOTAL 315.5					-82,000		613		35,000	-47,000

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT										
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	368	TN	-75.00 MTL		-28,000	2.672	983	57.14 WEQP	56,000	28,000
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	60.06 WCON	13,000	13,000
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER	134000	LB	-1.00 SCRC		-134,000					-134,000
		TOTAL 315.C					-162,000		1,199		69,000	-93,000

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 *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	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	-75.00 MTL		-43,000	2.025	1154	57.14 WEQP	66,000	23,000
1316.B	SCR MTL	MISC. SMALL TANKS	122	TN	-75.00 MTL		-9,000	2.672	326	57.14 WEQP	19,000	10,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 80/40 TON	1	EA				300.000	300	54.31 WSTL	16,000	16,000
1316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	54.31 WSTL	2,000	2,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				450.000	450	57.14 WEQP	26,000	26,000
231		UNIT # 5										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.D	--- MTL	TURBINE ROOM GANTRY CRANE 5 TON	1	EA				28.125	28	54.31 WSTL	2,000	2,000
		TOTAL 316.4					-52,000		2,286		131,000	79,000

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 RATE	MATERIAL EQUIPMENT COST	MATERIAL COST	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
231		UNIT # 5										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	570	TN	-75.00 MTL		-43,000	2.025	1154	57.14 WEQP	66,000	23,000
2316.B	SCR MTL	MISC. SMALL TANKS	130	TN	-75.00 MTL		-10,000	2.672	347	57.14 WEQP	20,000	10,000
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	57.14 WEQP	26,000	26,000
		TOTAL 316.5					-53,000		1,951		112,000	59,000

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							208,000	208,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							112,000	112,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							325,000	325,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							17,000	17,000
900.15	--- IND	FPC SUPERVISION	1	LS							260,000	260,000
900.16	--- IND	SECURITY SERVICES	1	LS							337,000	337,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							195,000	195,000
900.18	--- IND	PERMITS	1	LS							20,000	20,000
		TOTAL IND									1,474,000	1,474,000

Last Page of Estimate

:

Securitization with 10 Year Bond Period - Estimated Impact to Customer Bills -

Recovery Factor per 1000 kwh	Monthly 10-years
Residential	$0.93
GS Non-Demand	$0.87
GSD Demand	$0.67

Two Year Recovery Period - Estimated Impact to Customer Bills

Recovery Factor per 1000 kwh	Monthly Year One	Monthly Year Two
Residential	$3.81	$3.59
GS Non-Demand	$3.58	$3.37
GSD Demand	$2.74	$2.59

APPENDIX G

Crystal River Site Common Cost Estimate

2004 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. 16418E
PROJECT NO. 11732000
December 01, 2004

REVIEWED BY: _____

APPROVED BY: _____

Estimate No: 16418E

TABLE OF CONTENTS

Sargent & Lundy
Chicago

COST SUMMARY REPORT

FLORIDA POWER CORPORATION
CRYSTAL RIVER - UNITS 1,2,4 & 5 COMMON FACILITIES
CONCEPTUAL COST ESTIMATE
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16418E
Project No: 11732000
Prepared by: GA /JMK/

Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
531	UNITS 1,2,4 & 5 COMMON FACILITIES		-141,000	6,311,000	6,170,000
731	OFF-SITE DISPOSAL				INCL. W/UNITS
	TOTAL CONSTRUCTION COSTS		-141,000	6,311,000	6,170,000
	INDIRECT EXPENSES				715,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,033,000
	TOTAL PROJECT COST				7,918,000
	AFUDC				
	GRAND TOTAL COST				7,918,000

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate No: 16418E
Project No: 11732000
Prepared by: GA /JMK/
Estimate Date: 01DEC04

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL				
IND	INDIRECT COSTS			715,000	715,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,377,000	1,377,000
SCR	SCRAP VALUE		-249,000		-249,000
SIT	SITE WORK		108,000	2,572,000	2,680,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			2,362,000	2,362,000
	TOTAL CONSTRUCTION COSTS		-141,000	7,026,000	6,885,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,033,000
	TOTAL PROJECT COST				7,918,000
	AFUDC				
	GRAND TOTAL COST				7,918,000

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%

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
2004 FOSSIL PLANT DISMANTLEMENT STUDY

Price level: 2004

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.C	COMMON SITE FACILITIES		108,000	5,575,000	5,683,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-249,000	736,000	487,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT				
IND	INDIRECT EXPENSES			715,000	715,000
	TOTAL CONSTRUCTION COSTS		-141,000	7,026,000	6,885,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		UNITS 1,2,4 & 5 COMMON FACILITIES										
5311		COMMON FACILITIES										
5311.A		SITE EXCAVATION										
5311.A1	--- SIT	ASH PONDS EXCAVATE 2' DEEP			EXC			INCL. W/UNITS 1 & 2				
5311.A2	--- SIT	PERC. PONDS						N/A				
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP			EXC			N/A				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION			EXC			N/A		WSIT		
5311.A5	--- SIT	BORROW EXCAVATION	278000	CY	EXC			0.060	16680	79.80 WSIT	1,331,000	1,331,000
5311.A6	SIT	FILL	278000	CY				INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	MAINTENANCE & STORAGE STRUCTURES	49600	CF	BLDG			0.006	298	62.58 WMSR	19,000	19,000
5311.B2	--- SLD	GUARDHOUSE						INCL. W/UNITS				
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B41	--- SLD	WATER TREATM., CHEM. FEED & CHLORINATION BUILDINGS - STEEL FRAME /CONCRETE			BLDG			INCL. W/UNITS		WMSR		
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	-1030E3	CF	BLDG			0.006	6180	62.58 WMSR	387,000	387,000
5311.B43	--- SLD	SOUTH COAL YARD CONTROL BLDG - STEEL FRAME /CONCRETE BLOCK BUILDING	25320	CF	BLDG			0.006	152	62.58 WMSR	10,000	10,000
5311.B44	--- SLD	WAREHOUSE BLDG	144000	CF	BLDG			0.006	864	62.58 WMSR	54,000	54,000

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	5547	CY	CONC			1.125	6240	60.06 WCON	375,000	375,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS			CONC			INCL. W/UNITS		WCON		
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION										
5311.C1	MTL	R/R TRACKS	52948	TF	RRTK			0.225	11913	79.80 WSIT	951,000	951,000
5311.C2		ROADS & PAVEMENTS										
5311.C21	--- SLD	PAVED SURFACES - COAL PILE AREA	126000	SY	PVMT			0.120	15120	79.80 WSIT	1,207,000	1,207,000
5311.C3	--- MTL	FENCES AND GATES	15326	LF				REMAIN IN PLACE				
5311.C4		YARD DRAINAGE	1	LS				ABANDON IN PLACE				
5311.C7		INTAKE & DISCHARGE STRUCTURES						INCL. W/UNITS				
5311.C71		DOCKS						REMAIN IN PLACE				
5311.C8	--- DSL	MISC. SITE WORK AND MATERIAL HANDLING										
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS						INCL. IN WRKG				
5311.C82		OFF-SITE DISPOSAL						INCL. W/UNITS				
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	278000	CY	FILL			0.050	13900	79.80 WSIT	1,109,000	1,109,000
5311.C92	SIT SIT	SEED & MULCH SITE	86	AC	1250.00 SEED		108,000	19.275	1658	79.80 WSIT	132,000	240,000
731		OFF-SITE DISPOSAL						INCL. W/UNITS				
		TOTAL 311.C					108,000		73,005		5,575,000	5,683,000

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL 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	-75.00 MTL		-203,000	2.700	7290	57.14 WEQP	417,000	214,000
5312.M2	SCR SLD	BUILDINGS AND TOWERS - TRANSFER POINTS	610	TN	-75.00 MTL		-46,000	2.700	1647	57.14 WEQP	94,000	48,000
5312.M3	--- SLD	FOUNDATIONS (2 FT BELOW GRADE)	3000	CY	CONC			1.200	3600	60.06 WCON	216,000	216,000
5312.M4		BARGE TRAVELING UNLOADER AND TRACK SYSTEM						INCL. ACCT. 5312.M1				
5316.A	--- MTL	20 TN GANTRY CRANE	1	EA				150.000	150	57.14 WEQP	9,000	9,000
		TOTAL 312.C					-249,000		12,687		736,000	487,000

315.C: COMMON - ACCESSORY ELECTRICAL 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	*** LABOR MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
531		UNITS 1,2,4 & 5 COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT						INCL. W/UNITS				
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER						N/A				
		TOTAL 315.C										

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL *** MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	*** LABOR *** MNHR RATE	MNHRS	WAGE RATE	LABOR COST	TOTAL COST
900	--- IND	INDIRECT EXPENSES										
900.1	--- IND	FPC INDIRECT EXPENSES	1	LS								
900.11	--- IND	FPC ENGINEERING ALLOCATION	1	LS							103,000	103,000
900.12	--- IND	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS							31,000	31,000
900.13	--- IND	TEMPORARY CONSTRUCTION SERVICES	1	LS							162,000	162,000
900.14	--- IND	WRAP-UP AND RISK INSURANCE	1	LS							5,000	5,000
900.15	--- IND	FPC SUPERVISION	1	LS							129,000	129,000
900.16	--- IND	SECURITY SERVICES	1	LS							168,000	168,000
900.17	--- IND	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS							97,000	97,000
900.18	--- IND	PERMITS	1	LS							20,000	20,000
		TOTAL IND									715,000	715,000

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