



Florida Power

A Progress Energy Company

2000 FOSSIL DISMANTLEMENT COST STUDY

SECTION 2

DOCUMENT NUMBER-DATE

00050 JAN-28

RECORDS/REPORTING

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
CRYSTAL RIVER - FISH HATCHERY
COMMON FACILITIES

SARGENT & LUNDY

ESTIMATE NO. 16420C
PROJECT NO. 9991-003
May 17, 2000

REVIEWED BY:

APPROVED BY:

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

FLORIDA POWER CORPORATION
CRYSTAL RIVER - FISH HATCHERY
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16420C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
531	FISH HATCHERY - COMMON FACILITIES		12,000	601,000	613,000
731	OFF-SITE DISPOSAL				INCL. W/UNITS
	TOTAL CONSTRUCTION COSTS		12,000	601,000	613,000
	INDIRECT EXPENSES				170,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				117,000
	TOTAL PROJECT COST AFUDC				900,000
	GRAND TOTAL COST				900,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
CRYSTAL RIVER - FISH HATCHERY
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16420C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL				
IND	INDIRECT COSTS			170,000	170,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			10,000	10,000
SCR	SCRAP VALUE				
SIT	SITE WORK		12,000	276,000	288,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			315,000	315,000
	TOTAL CONSTRUCTION COSTS		12,000	771,000	783,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				117,000
	TOTAL PROJECT COST AFUDC				900,000
	GRAND TOTAL COST				900,000

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%

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

FLORIDA POWER CORPORATION
CRYSTAL RIVER - FISH HATCHERY
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16420C
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Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.C	COMMON SITE FACILITIES		12,000	575,000	587,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT			7,000	7,000
316.C	COMMON - MISC. PLANT EQUIPMENT			19,000	19,000
IND	INDIRECT EXPENSES			170,000	170,000
	TOTAL CONSTRUCTION COSTS		12,000	771,000	783,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.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				37.500	38	67.15 WSIT	3,000	3,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				187.500	188	50.68 WCON	10,000	10,000
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING										
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - FILL W/DEBRIS (PONDS)	35000	CY		VOID					INCL. IN WRKG	
5311.C82		OFF-SITE DISPOSAL									N/A	
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	39000	CY		FILL		0.050	1950	67.15 WSIT	131,000	131,000
5311.C92	SIT SIT	SEED & MULCH SITE	12	AC	1000.00 SEED		12,000	19.275	231	67.15 WSIT	16,000	28,000
731		OFF-SITE DISPOSAL									INCL. W/UNITS	
		TOTAL 311.C					12,000		9,210		575,000	587,000

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

315.C: COMMON - ACCESSORY ELECTRICAL
 EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***		*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE	WAGE RATE
531		FISH HATCHERY - COMMON FACILITIES									
5315.A	--- MTL	ACCESSORY ELECTRICAL EQUIPMENT	1	LS			150.000	150	45.40 WEQP	7,000	7,000
		TOTAL 315.C						150		7,000	7,000

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

316.C: COMMON - MISC. PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		LABOR WAGE RATE
531		FISH HATCHERY - COMMON FACILITIES								
5316		MISCELLANEOUS EQUIPMENT								
5316.A	--- SLD	FIBERGLASS TANKS, SCREENS, AND LAB. EQUIPMENT	1	LS			375.000	375 50.68 WCON	19,000	19,000
		TOTAL 316.C						375	19,000	19,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
CRYSTAL RIVER - FISH HATCHERY
CONCEPTUAL COST ESTIMATE
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CREW CODE	MAN-HOURS	DOLLARS
WCON	1,642	84,000
WEQP	150	7,000
WMSR	1,500	76,000
WSIT	6,443	434,000
TOTAL	9,735	601,000

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

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	250,000 CF	0
CONC	980 CY	0
EXC	32,000 CY	0
FILL	39,000 CY	0
PVMT	19,000 SY	0
SEED	12 AC	12,000
VOID	35,000 CY	0
TOTAL		12,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
DEBARY PEAKERS
UNITS P1 THRU P10

SARGENT & LUNDY

ESTIMATE NO. 16421C
PROJECT NO. 9991-003
May 17, 2000

REVIEWED BY:

APPROVED BY:

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DEBARY PEAKERS
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Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKERS 1 - 6		-146,000	637,000	491,000
611	STATION PEAKERS 7 - 10		-125,000	1,203,000	1,078,000
631	STATION PEAKERS COMMON FACILITIES		-150,000	2,203,000	2,053,000
731	OFF-SITE DISPOSAL			1,286,000	1,286,000
	TOTAL CONSTRUCTION COSTS		-421,000	5,329,000	4,908,000
	INDIRECT EXPENSES				594,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				825,000
	TOTAL PROJECT COST AFUDC				6,327,000
	GRAND TOTAL COST				6,327,000

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%

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FLORIDA POWER CORPORATION
DEBARY PEAKERS
CONCEPTUAL COST ESTIMATE
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			1,286,000	1,286,000
IND	INDIRECT COSTS			594,000	594,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,538,000	1,538,000
SCR	SCRAP VALUE		-464,000		-464,000
SIT	SITE WORK		43,000	1,086,000	1,129,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,419,000	1,419,000
TOTAL CONSTRUCTION COSTS			-421,000	5,923,000	5,502,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					825,000
TOTAL PROJECT COST					6,327,000
AFUDC					
GRAND TOTAL COST					6,327,000

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%

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FLORIDA POWER CORPORATION
DEBARY PEAKERS
CONCEPTUAL COST ESTIMATE
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		43,000	2,912,000	2,955,000
341.P1	PEAKERS 1-6 - STRUCTURES AND IMPROVEMENTS			148,000	148,000
341.P2	PEAKERS 7-10 - STRUCTURES AND IMPROVEMENTS			798,000	798,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-193,000	577,000	384,000
344.P1	PEAKERS 1-6 - GAS TURBINE PLANT		-101,000	408,000	307,000
344.P2	PEAKERS 7-10 - GAS TURBINE PLANT		-80,000	324,000	244,000
345.P1	PEAKERS 1-6 - ACCESSORY ELECTRICAL EQUIPMENT		-45,000	81,000	36,000
345.P2	PEAKERS 7-10 - ACCESSORY ELECTRICAL EQUIPMENT		-45,000	81,000	36,000
IND	INDIRECT EXPENSES			594,000	594,000
	TOTAL CONSTRUCTION COSTS		-421,000	5,923,000	5,502,000

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

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST		
6311.311	--- SLD	CONTROL HSE & BUILDING	32000	CF				0.006	192	50.88 WMSR	10,000	10,000		
6311.312	--- SLD	OFFICE/SHOP BUILDING	135200	CF				0.006	811	50.88 WMSR	41,000	41,000		
6311.313	--- SLD	WATER TREATMENT BUILDING	300000	CF				0.006	1800	50.88 WMSR	92,000	92,000		
6311.314	--- SLD	BOILER HOUSE	67840	CF				0.006	407	50.88 WMSR	21,000	21,000		
6311.315	--- SLD	PUMPHOUSE	18600	CF				0.006	112	50.88 WMSR	6,000	6,000		
6311.317	--- SLD	MISC. SITE BUILDINGS	30000	CF				0.006	180	50.88 WMSR	9,000	9,000		
6311.32	--- SLD	TANK FOUNDATIONS & BERMS	750	CY				1.125	844	50.68 WCON	43,000	43,000		
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	2200	CY				1.125	2475	50.68 WCON	125,000	125,000		
6311.5		SITE FILL AND LANDSCAPING												
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	139000	CY				0.050	6950	67.15 WSIT	467,000	467,000		
6311.52	SIT SIT	SEED & MULCH SITE	43	AC	1000.00 SEED		43,000	19.275	829	67.15 WSIT	56,000	99,000		
731		OFF-SITE DISPOSAL												
7311.4		OFF-SITE DISPOSAL												
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	28000	CY				0.433	12124	104.87 DSL	1,271,000	1,271,000		
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL						N/A						
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY				0.090	135	109.45 DDBR	15,000	15,000		
7311.44		DETENTION PONDS - "VOID"	38500	CY										
TOTAL 341.C											43,000	38,275	2,912,000	2,955,000

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

341.P1: PEAKERS 1-6 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1 - 6										
6101.1		COMB. TURBINE STRUCTURE DEMOLITION										
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	2600	CY				1.125	2925	50.68 WCON	148,000	148,000
		TOTAL 341.P1							2,925		148,000	148,000

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

341.P2: PEAKERS 7-10 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		LABOR COST	TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR			WAGE RATE
611		STATION PEAKERS 7 - 10										
6111.1		COMB. TURBINE STRUCTURE DEMOLITION										
6111.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	14000	CY		CONC		1.125	15750	50.68	798,000	798,000
		TOTAL 341.P2							15,750		798,000	798,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE LABOR COST			
631		STATION PEAKERS COMMON FACILITIES								
6312		EQUIPMENT								
6312.1		COMBUSTION TURBINES					INCL. ACCTS 610,611			
6312.3		FUEL OIL SYSTEM								
6312.31	SCR MTL	FUEL OIL STORAGE TANKS - 4 EA	3465 TN	-40.00 MTL	-139,000	2.672	9258 45.40 WEQP	420,000	281,000	
6312.32	SCR MTL	MISC. TANKS AND PUMPS	550 TN	-40.00 MTL	-22,000	2.672	1470 45.40 WEQP	67,000	45,000	
6312.4	SCR MTL	WATER TREATMENT SYSTEM & DEMIN. SYSTEM	300 TN	-40.00 MTL	-12,000	2.672	802 45.40 WEQP	36,000	24,000	
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	200 TN	-40.00 MTL	-8,000	2.025	405 45.40 WEQP	18,000	10,000	
6312.6	SCR MTL	PACKAGE BOILER, MISCELLANEOUS EQUIPMENT	300 TN	-40.00 MTL	-12,000	2.672	802 45.40 WEQP	36,000	24,000	
TOTAL 342.C						-193,000		12,737	577,000	384,000

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

344.P1: PEAKERS 1-6 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1 - 6										
6102.1		COMBUSTION TURBINES 1-6										
6102.11	SCR MTL	COMBUSTION TURBINES GE 6EA @ 60.9MW	2520	TN	-40.00 MTL		-101,000	3.570	8996	45.40 WEQP	408,000	307,000
TOTAL 344.P1							-101,000		8,996		408,000	307,000

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

344.P2: PEAKERS 7-10 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
611		STATION PEAKERS 7 - 10										
6112.1		COMBUSTION TURBINES 7-10										
6112.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 85.4MW	2000	TN	-40.00 MTL		-80,000	3.570	7140	45.40 WEQP	324,000	244,000
TOTAL 344.P2							-80,000		7,140		324,000	244,000

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

345.P1: PEAKERS 1-6 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1 - 6									
6102.1		COMBUSTION TURBINES 1-6									
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	500 TN	-40.00 MTL		-20,000	3.570	1785	45.40 WEQP	81,000	61,000
6107		SCRAP VALUE									
6107.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000					-25,000
		TOTAL 345.P1				-45,000		1,785		81,000	36,000

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

345.P2: PEAKERS 7-10 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
611		STATION PEAKERS 7 - 10									
6112.1		COMBUSTION TURBINES 7-10									
6112.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	500 TN	-40.00 MTL		-20,000	3.570	1785	45.40 WEQP	81,000	61,000
6117		SCRAP VALUE									
6117.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000					-25,000
TOTAL 345.P2						-45,000		1,785		81,000	36,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				24,000	24,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				3,000	3,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						594,000	594,000

Sargent & Lundy
Chicago

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

FLORIDA POWER CORPORATION
DEBARY PEAKERS
CONCEPTUAL COST ESTIMATE
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Estimate No: 16421C
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Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DDBR	135	15,000
DSLQ	12,124	1,271,000
WCON	22,716	1,151,000
WEGP	32,443	1,471,000
WMSR	3,502	179,000
WSIT	18,473	1,242,000
TOTAL	89,393	5,329,000

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

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	583,640	CF	0
CONC	20,925	CY	0
DISP	29,500	CY	0
EXC	167,200	CY	0
FENC	1,000	LF	0
FILL	139,000	CY	0
MTL	10,335	TN	-414,000
PVMT	11,000	SY	0
RRTR	4,432	TF	0
SCRC	100,000	LB	-50,000
SCRM	10,265	TN	0
SEED	43	AC	43,000
VOID	38,500	CY	0
TOTAL			-421,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
HIGGINS UNITS 1, 2, 3, AND PEAKERS

SARGENT & LUNDY

ESTIMATE NO. 16422D
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

APPROVED BY:

Algonquin for J. KOTIN
A. C. ...

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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
HIGGINS UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16422D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-197,000	693,000	496,000
231	UNIT # 2		-172,000	631,000	459,000
331	UNIT # 3		-165,000	594,000	429,000
531	COMMON FACILITIES		-55,000	606,000	551,000
610	STATION PEAKERS 1-4		-70,000	305,000	235,000
631	STATION PEAKERS COMMON FACILITIES		-9,000	98,000	89,000
731	OFF-SITE DISPOSAL			1,886,000	1,886,000
	TOTAL CONSTRUCTION COSTS		-668,000	4,813,000	4,145,000
	INDIRECT EXPENSES				608,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				713,000
	TOTAL PROJECT COST AFUDC				5,466,000
	GRAND TOTAL COST				5,466,000

FINANCIAL ASSUMPTIONS:

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

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

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

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
HIGGINS UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16422D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE				
DSL	OFF-SITE DISPOSAL			1,886,000	1,886,000
IND	INDIRECT COSTS			608,000	608,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,538,000	1,538,000
SCR	SCRAP VALUE		-693,000		-693,000
SIT	SITE WORK		25,000	299,000	324,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,090,000	1,090,000
	TOTAL CONSTRUCTION COSTS		-668,000	5,421,000	4,753,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				713,000
	TOTAL PROJECT COST				5,466,000
	AFUDC				
	GRAND TOTAL COST				5,466,000

FINANCIAL ASSUMPTIONS:

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

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

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

Sargent & Lundy
Chicago

FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
HIGGINS UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16422D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-64,000	269,000	205,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-46,000	222,000	176,000
311.3	UNIT 3 - STRUCTURES AND IMPROVEMENTS		-41,000	189,000	148,000
311.C	COMMON SITE FACILITIES		23,000	2,300,000	2,323,000
312.1	UNIT 1 - BOILER PLANT		-76,000	196,000	120,000
312.2	UNIT 2 - BOILER PLANT		-76,000	196,000	120,000
312.3	UNIT 3 - BOILER PLANT		-76,000	196,000	120,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-61,000	182,000	121,000
314.1	UNIT 1 - TURBINE PLANT		-25,000	153,000	128,000
314.2	UNIT 2 - TURBINE PLANT		-24,000	151,000	127,000
314.3	UNIT 3 - TURBINE PLANT		-24,000	151,000	127,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-25,000	40,000	15,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-19,000	37,000	18,000
315.3	UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT		-19,000	37,000	18,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-17,000	10,000	-7,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-7,000	35,000	28,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-7,000	25,000	18,000
316.3	UNIT 3 - MISC. POWER PLANT EQUIPMENT		-5,000	21,000	16,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		2,000	65,000	67,000
341.P	PEAKERS 1-4 - STRUCTURES AND IMPROVEMENTS			102,000	102,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-11,000	33,000	22,000
344.P	PEAKERS 1-4 - GAS TURBINE PLANT		-38,000	154,000	116,000
345.P	PEAKERS 1-4 - ACCESSORY ELECTRICAL EQUIPMENT		-32,000	49,000	17,000
IND	INDIRECT EXPENSES			608,000	608,000
TOTAL CONSTRUCTION COSTS			-668,000	5,421,000	4,753,000

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

FLORIDA POWER CORPORATION
HIGGINS UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 18MAY00

Price level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.A		MAIN POWER BLOCK DEMOLITION (1,863,265 CF)										
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	2425	CY			CONC	0.844	2047	50.68 WCON	104,000	104,000
1311.A2		WALLS										
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	30000	SF				0.008	240	50.88 WMSR	12,000	12,000
1311.A22	--- MTL	INTERIOR WALLS						INCL. ACCT. 1311.A21		WMSR		
1311.A23	--- MTL	TRANSITE SIDING						INCL. ACCT. 1311.A91		WMSR		
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	1054	CY			CONC	0.599	631	50.68 WCON	32,000	32,000
1311.A4		STRUCTURAL AND GALLERY STEEL										
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1595	TN	-40.00		MTL	1.016	1621	44.84 WSTL	73,000	9,000
1311.A42	--- MTL	GALLERY GRATING	15000	SF				INCL. ACCT. 1311.A4		WSTL		
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF								WROF		
1311.A51	--- SLD	BOILER ROOM	9340	SF				0.011	103	55.80 WROF	6,000	6,000
1311.A52	--- SLD	TURBINE ROOM	7540	SF				0.011	83	55.80 WROF	5,000	5,000
1311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT. 1311				
1311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA						INCL. ACCT. 1311				

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

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST		
1311.A55	--- SLD	AIR HEATER RM, MISC.	4960	SF				0.011	55	55.80 WROF	3,000	3,000		
1311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40 WEQP	4,000	4,000		
1311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000	10,000		
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				450.000	450	45.40 WEQP	20,000	20,000		
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	2	EA				INCL. ACCT. 1311.A8						
1311.A82	--- MTL	FIXTURES	429	EA				INCL. ACCT. 1311.A8						
1311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 1311.A8						
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG 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														
											-64,000	5,545	269,000	205,000

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

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
231		UNIT # 2									
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
2311.A		MAIN POWER BLOCK DEMOLITION (1,450,490 CF)									
2311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	2045	CY		CONC	0.844	1726	50.68 WCON	87,000	87,000
2311.A2		WALLS									
2311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	25130	SF			0.008	201	50.88 WMSR	10,000	10,000
2311.A22	--- MTL	INTERIOR WALLS							INCL. ACCT. 1311.A21 WMSR		
2311.A23	--- MTL	TRANSITE SIDING							INCL. ACCT. 1311.A91 WMSR		
2311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	1054	CY		CONC	0.599	631	50.68 WCON	32,000	32,000
2311.A4		STRUCTURAL AND GALLERY STEEL									
2311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1143	TN	-40.00	MTL	1.016	1161	44.84 WSTL	52,000	6,000
2311.A42	--- MTL	GALLERY GRATING	13864	SF					INCL. ACCT. 2311.A4 WSTL		
2311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF							WROF		
2311.A51	--- SLD	BOILER ROOM	7007	SF			0.011	77	55.80 WROF	4,000	4,000
2311.A52	--- SLD	TURBINE ROOM	5929	SF			0.011	65	55.80 WROF	4,000	4,000
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.	5466	SF			0.011	60	55.80 WROF	3,000	3,000
2311.A6	--- MTL	M/BLDG ELEVATOR							INCL. ACCT. 1311		

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

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE		WAGE WEQP	LABOR COST
2311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000	10,000
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				450.000	450	45.40 WEQP	20,000	20,000
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	2	EA				INCL. ACCT. 2311.A8				
2311.A82	--- MTL	FIXTURES	429	EA				INCL. ACCT. 2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A91	--- ASB	TRANSITE WALL						N/A				
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
TOTAL 311.2								-46,000	4,596		222,000	176,000

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
331		UNIT # 3										
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
3311.A		MAIN POWER BLOCK DEMOLITION (1,390,445 CF)										
3311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	1600	CY		CONC		0.844	1350	50.68 WCON	68,000	68,000
3311.A2		WALLS										
3311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	38721	SF				0.008	310	50.88 WMSR	16,000	16,000
3311.A22	--- MTL	INTERIOR WALLS						INCL. ACCT.		1311.A21 WMSR		
3311.A23	--- MTL	TRANSITE SIDING						INCL. ACCT.		3311.A91 WMSR		
3311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	825	CY		CONC		0.599	494	50.68 WCON	25,000	25,000
3311.A4		STRUCTURAL AND GALLERY STEEL										
3311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1019	TN	-40.00 MTL		-41,000	1.016	1035	44.84 WSTL	46,000	5,000
3311.A42	--- MTL	GALLERY GRATING	14994	SF				INCL. ACCT.		3311.A4 WSTL		
3311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF								WROF		
3311.A51	--- SLD	BOILER ROOM	7007	SF				0.011	77	55.80 WROF	4,000	4,000
3311.A52	--- SLD	TURBINE ROOM	5929	SF				0.011	65	55.80 WROF	4,000	4,000
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.	1463	SF				0.011	16	55.80 WROF	1,000	1,000
3311.A6	--- MTL	M/BLDG ELEVATOR						INCL. ACCT.		1311		

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
3311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000	10,000
3311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				337.500	338	45.40 WEQP	15,000	15,000
3311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS	1	EA				INCL. ACCT. 3311.A8				
3311.A82	--- MTL	FIXTURES	223	EA				INCL. ACCT. 3311.A8				
3311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 3311.A8				
3311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
3311.A91	--- ASB	TRANSITE WALL						N/A				
3311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
3311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
TOTAL 311.3								-41,000	3,910		189,000	148,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE	
131		UNIT # 1									
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
1311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311
1311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311
231		UNIT # 2									
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
2311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311
2311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311
331		UNIT # 3									
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
3311.B		OUTLYING STRUCTURES DEMOLITION									INCL. ACCT. 5311
3311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									INCL. ACCT. 5311
531		COMMON FACILITIES									
5311		COMMON FACILITIES									
5311.A		SITE EXCAVATION									
5311.A1	---	ASH POND EXCAVATE 2' DEEP									N/A
	SIT										
5311.A2	---	PERC. PONS - 4 EA EXCAVATE SLUDGE & CONTAMINATED SOIL -	31500	CY							INCL. ACCT. 7311.C82
	SIT					EXC					
5311.A3	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	9700	CY							INCL. ACCT. 7311.C82
	SIT					EXC					
5311.A4	---	BERMS AND DIXES EXCAVATION	19000	CY							
	SIT						0.060	1140	67.15	77,000	77,000
									WSIT		

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.A5	--- SIT	BORROW EXCAVATION	15000	CY				0.060	900	67.15 WSIT	60,000	60,000
5311.A6	--- SIT	FILL	34000					INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION										
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	16000	CF				0.004	64	50.88 WMSR	3,000	3,000
5311.B2	--- SLD	GUARDHOUSE						INCL. ACCT.5311.B44				
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS										
5311.B42	--- SLD	ADMINISTRATION BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING						INCL. ACCT. 1311.A				
5311.B43	--- SLD	PUMPHSES - STEEL FRAME /CONCRETE BLOCK BUILDING	26000	CF				0.006	156	50.88 WMSR	8,000	8,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	9000	CF				0.006	54	50.88 WMSR	3,000	3,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	200	CY				1.125	225	50.68 WCON	11,000	11,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS	860	CY				0.563	484	50.68 WCON	25,000	25,000
5311.B7		COOLING TOWER COMMON STRUCTURES - DISCHARGE FLUME, MIXING STRUCTURE,						INCL. ACCT. 5311.B5				
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	4060	SY				0.120	487	67.15 WSIT	33,000	33,000
5311.C22	--- SLD	CONCRETE WALKWAYS	150	CY				0.525	79	50.68 WCON	4,000	4,000
5311.C23	--- SLD	CONCRETE CURBS	2000	LF				0.012	24	67.15 WSIT	2,000	2,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	* * * M A T E R I A L * * *			* * * L A B O R * * *			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE	
5311.C3	--- MTL	FENCES AND GATES	1755	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			112.500	113	67.15 WSIT	8,000	8,000
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS			225.000	225	50.68 WCON	11,000	11,000
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	--- MTL	INTAKE CANAL SHEET PILING WALL				MTL		REMAIN IN PLACE			
5311.C73		INTAKE CANAL									
5311.C731	SIT SLD	INTAKE WELL CLOSURE	1	LS	5500.00		6,000			16,000	22,000
5311.C732		INTAKE FILL - "VOID"	4700	CY		VOID		INCL. IN WRKG			
5311.C733	--- SLD	INTAKE STRUCTURE	200	CY		CONC	1.050	210	50.68 WCON	11,000	11,000
5311.C74		DISCHARGE CANAL AND TUNNEL - "VOID" VOLUME	3200	CY		VOID		INCL. IN WRKG			
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	5500.00		6,000			9,000	15,000
5311.C742	--- SLD	DISCHARGE STRUCTURE	100	CY		CONC	1.050	105	50.68 WCON	5,000	5,000
5311.C743	--- MTL	DISCHARGE CANAL SHEET PILING WALL				MTL		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			

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR RATE				
5311.C811	--- DSL	MAIN BUILDING BSMT	70 CY		VOID						
5311.C812	--- DSL	CONCRETE PIPE TRENCH	300 CY		VOID						
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	4000 CY		VOID						
5311.C9		SITE FILL AND LANDSCAPING									
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	34000 CY		FILL	0.050	1700	67.15 WSIT	114,000	114,000	
5311.C92	SIT SIT	SEED & MULCH SITE	11 AC	1000.00 SEED		11,000	19.275	212	67.15 WSIT	14,000	25,000
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 &	41200 CY		DISP	0.433	17840	104.87 DSL	1,871,000	1,871,000	
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL					N/A				
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500 CY		DISP	0.090	135	109.45 DDBR	15,000	15,000	
TOTAL 311.C						23,000		24,153	2,300,000	2,323,000	

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE	
131		UNIT # 1										
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
1311.A		MAIN POWER BLOCK DEMOLITION (1,863,265 CF)										
1311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS					PREVIOUSLY REMOVED			
1312		BOILER PLANT										
1312.A	SCR MTL	BOILER AND APPURTENANCES	1350	TN	-40.00 MTL		-54,000	2.025	2734	48.30 WBLR	132,000	78,000
1312.B		DRAFT EQUIPMENT										
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	100	TN	-40.00 MTL		-4,000	2.672	267	45.40 WEQP	12,000	8,000
1312.B2	--- MTL	PRECIPITATOR							N/A			
1312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 1312.A			
1312.B4	SCR MTL	REMOVAL OF STEEL STACK	30	TN	-40.00 MTL		-1,000	2.025	61	45.40 WEQP	3,000	2,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200	CY		CONC		1.080	216	50.68 WCON	11,000	11,000
1312.C		FEED WATER SYSTEM										
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.025	142	45.40 WEQP	6,000	3,000
1312.C2		CONDENSATE TANKS							INCL. ACCT. 1316.B			
1312.D		WATER TREATMENT SYSTEM										
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
1312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F			
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	250	TN	-40.00 MTL		-10,000	2.025	506	45.40 WEQP	23,000	13,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE	WAGE RATE	
1312.N	---	REMOVAL OF ALL ASBESTOS									
	ASB	EQUIPMENT AND PIPING									
		INSULATION									
		TOTAL 312.1					-76,000		4,129	196,000	120,000

INCL. ACCT. 1311.A94

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.A		MAIN POWER BLOCK DEMOLITION (1,450,490 CF)										
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS					PREVIOUSLY REMOVED			
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES	1350	TN	-40.00 MTL		-54,000	2.025	2734	48.30 WBLR	132,000	78,000
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	100	TN	-40.00 MTL		-4,000	2.672	267	45.40 WEQP	12,000	8,000
2312.B2	--- MTL	PRECIPITATOR							N/A			
2312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 2312.A			
2312.B4	SCR MTL	REMOVAL OF STEEL STACK	30	TN	-40.00 MTL		-1,000	2.025	61	45.40 WEQP	3,000	2,000
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200	CY		CONC		1.080	216	50.68 WCON	11,000	11,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.025	142	45.40 WEQP	6,000	3,000
2312.C2		CONDENSATE TANKS							INCL. ACCT. 2316.B			
2312.D		WATER TREATMENT SYSTEM										
2312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
2312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F			
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	250	TN	-40.00 MTL		-10,000	2.025	506	45.40 WEQP	23,000	13,000

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION										
		TOTAL 312.2					-76,000		4,129		196,000	120,000

INCL. ACCT. 2311.A94

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

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** L A B O R ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE
331		UNIT # 3								
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
3311.A		MAIN POWER BLOCK DEMOLITION (1,390,445 CF)								
3311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
3311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS					PREVIOUSLY REMOVED		
3312		BOILER PLANT								
3312.A	SCR MTL	BOILER AND APPURTENANCES	1350 TN	-40.00 MTL	-54,000	2.025	2734	48.30 WBLR	132,000	78,000
3312.B		DRAFT EQUIPMENT								
3312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	100 TN	-40.00 MTL	-4,000	2.672	267	45.40 WEQP	12,000	8,000
3312.B2	--- MTL	PRECIPITATOR						N/A		
3312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 3312.A		
3312.B4	SCR MTL	REMOVAL OF STEEL STACK	30 TN	-40.00 MTL	-1,000	2.025	61	45.40 WEQP	3,000	2,000
3312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200 CY	CONC		1.080	216	50.68 WCON	11,000	11,000
3312.C		FEED WATER SYSTEM								
3312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	70 TN	-40.00 MTL	-3,000	2.025	142	45.40 WEQP	6,000	3,000
3312.C2		CONDENSATE TANKS						INCL. ACCT. 3316.B		
3312.D		WATER TREATMENT SYSTEM								
3312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100 TN	-40.00 MTL	-4,000	2.025	203	45.40 WEQP	9,000	5,000
3312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F		
3312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	250 TN	-40.00 MTL	-10,000	2.025	506	45.40 WEQP	23,000	13,000

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

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE	
3312.N	---	REMOVAL OF ALL ASBESTOS									
	ASB	EQUIPMENT AND PIPING									
		INSULATION									
		TOTAL 312.3									
							-76,000		4,129	196,000	120,000

INCL. ACCT. 3311.A94

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

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE		
531		COMMON FACILITIES							
5312.F		FUEL OIL EQUIPMENT							
5312.F1	SCR MTL	FUEL AND LUBE OIL STORAGE TANKS - 1 EA @ 80,000BRL, 1 EA @ 55,000BRL	817 TN	-40.00 MTL		-33,000	2.672 2183 45.40 WEQP	99,000	66,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	390 TN	-40.00 MTL		-16,000	2.672 1042 45.40 WEQP	47,000	31,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS					INCL. ACCT. 5311.B6		
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	300 TN	-40.00 MTL		-12,000	2.672 802 45.40 WEQP	36,000	24,000
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						-61,000	4,027	182,000	121,000

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

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE	LABOR COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL					WEQP		
1314.B2	SCR MTL	CONDENSER	160	TN	-40.00		-6,000	2.025	324	45.40	15,000	9,000
					MTL					WEQP		
1314.B3	--- SLD	TURBINE PEDESTAL	775	CY				1.800	1395	50.68	71,000	71,000
					CONC					WCON		
1314.B4		TURBINE PLANT PIPING AND HANGERS								INCL. ACCT. 1312.G		
1314.C		CIRCULATING WATER SYSTEM										
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	100	TN	-40.00		-4,000	2.025	203	45.40	9,000	5,000
					MTL					WEQP		
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				480.000	480	50.68	24,000	24,000
										WCON		
1314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 1314.C1		
1314.C4	SCR MTL	10 TN GANTRY CRANE	20	TN	-40.00		-1,000	2.025	41	45.40	2,000	1,000
					MTL					WEQP		
1314.C5		COOLING WATER TOWER								N/A		
TOTAL 314.1							-25,000		3,152		153,000	128,000

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

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNRR RATE	LABOR 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	350 TN	-40.00 MTL		-14,000	2.025	709	45.40 WEQP	32,000	18,000
2314.B2	SCR MTL	CONDENSER	160 TN	-40.00 MTL		-6,000	2.025	324	45.40 WEQP	15,000	9,000
2314.B3	--- SLD	TURBINE PEDESTAL	775 CY				1.800	1395	50.68 WCON	71,000	71,000
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.	100 TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1 LS				480.000	480	50.68 WCON	24,000	24,000
2314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 2314.C1	
2314.C4	--- MTL	10 TN GANTRY CRANE								INCL. ACCT. 1314.C4	
2314.C5		COOLING WATER TOWER								N/A	
TOTAL 314.2						-24,000		3,111		151,000	127,000

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

314.3: UNIT 3 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE	LABOR COST
331		UNIT # 3										
3314		TURBINE PLANT										
3314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
3314.B1	SCR MTL	TURBINE GENERATOR	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL					WEQP		
3314.B2	SCR MTL	CONDENSER	160	TN	-40.00		-6,000	2.025	324	45.40	15,000	9,000
					MTL					WEQP		
3314.B3	--- SLD	TURBINE PEDESTAL	775	CY				1.800	1395	50.68	71,000	71,000
					CONC					WCON		
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.	100	TN	-40.00		-4,000	2.025	203	45.40	9,000	5,000
					MTL					WEQP		
3314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				480.000	480	50.68	24,000	24,000
										WCON		
3314.C3	--- MTL	INTAKE RACKS, MISC.							INCL. ACCT. 3314.C1			
3314.C4	--- MTL	10 TN GANTRY CRANE							INCL. ACCT. 1314.C4			
					MTL							
3314.C5		COOLING WATER TOWER							N/A			
		TOTAL 314.3					-24,000		3,111		151,000	127,000

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

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE			MNHR	WAGE RATE
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	125	TN	-40.00 MTL		-5,000	2.672	334	45.40 WEQP	15,000	10,000
1315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	465	CY		CONC		1.080	502	50.68 WCON	25,000	25,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	40000	LB	-0.50 SCRC		-20,000					-20,000
		TOTAL 315.1					-25,000		836		40,000	15,000

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

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	95	TN	-40.00 MTL		-4,000	2.672	254	45.40 WEQP	12,000	8,000
2315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	465	CY		CONC		1.080	502	50.68 WCON	25,000	25,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-0.50 SCRC		-15,000					-15,000
		TOTAL 315.2					-19,000		756		37,000	18,000

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

315.3: UNIT 3 - ACCESSORY ELECTRICAL
 EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE LABOR COST		
331		UNIT # 3							
3315		ACCESSORY ELECTRICAL EQUIPMENT							
3315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	95 TN	-40.00 MTL		-4,000	2.672 254 45.40 WEQP	12,000	8,000
3315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C		
3315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	465 CY		CONC		1.080 502 50.68 WCON	25,000	25,000
3317		SCRAP VALUE							
3317.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC		-15,000			-15,000
TOTAL 315.3						-19,000	756	37,000	18,000

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

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			
531		COMMON FACILITIES								
5315		ACCESSORY ELECTRICAL EQUIPMENT								
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	60 TN	-40.00 MTL		-2,000	2.672 160	45.40 WEQP	7,000	5,000
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C			
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	50 CY		CONC		1.080 54	50.68 WCON	3,000	3,000
5317		SCRAP VALUE								
5317.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC		-15,000				-15,000
		TOTAL 315.C				-17,000	214		10,000	-7,000

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

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 1										
1316		MISCELLANEOUS POWER PLANT EQUIPMENT										
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	120	TN	-40.00 MTL		-5,000	2.025	243	45.40 WEQP	11,000	6,000
1316.B	SCR MTL	MISC. SMALL TANKS	38	TN	-40.00 MTL		-2,000	2.672	102	45.40 WEQP	5,000	3,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/20 TON	1	EA				225.000	225	44.84 WSTL	10,000	10,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				187.500	188	45.40 WEQP	9,000	9,000
TOTAL 316.1							-7,000		758		35,000	28,000

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

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
231		UNIT # 2										
2316		MISCELLANEOUS POWER PLANT EQUIPMENT										
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	120	TN	-40.00 MTL		-5,000	2.025	243	45.40 WEQP	11,000	6,000
2316.B	SCR MTL	MISC. SMALL TANKS	38	TN	-40.00 MTL		-2,000	2.672	102	45.40 WEQP	5,000	3,000
2316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/20 TON									INCL. ACCT. 1316.C	
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				187.500	188	45.40 WEQP	9,000	9,000
		TOTAL 316.2					-7,000		533		25,000	18,000

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

316.3: UNIT 3 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE
331		UNIT # 3								
3316		MISCELLANEOUS POWER PLANT EQUIPMENT								
3316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	120 TN	-40.00 MTL	-5,000	2.025	243	45.40 WEQP	11,000	6,000
3316.B	SCR MTL	MISC. SMALL TANKS	8 TN	-40.00 MTL		2.672	21	45.40 WEQP	1,000	1,000
3316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/20 TON						INCL. ACCT. 1316.C		
3316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1 LT			187.500	188	45.40 WEQP	9,000	9,000
TOTAL 316.3					-5,000		452		21,000	16,000

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

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR 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.A		
6311.22		ROADS & PAVEMENTS										
6311.221	---	PAVED SURFACES	2900	SY				0.120	348	67.15	23,000	23,000
	SLD					PVMT				WSIT		
6311.222	---	CONCRETE WALKWAYS	140	CY				0.525	74	50.68	4,000	4,000
	SLD					CONC				WCON		
6311.23	---	FENCES AND GATES										
	MTL									REMAIN IN PLACE		
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	---	MISC. SITE BUILDINGS	2000	CF				0.006	12	50.88	1,000	1,000
	SLD					BLDG				WMSR		
6311.32	---	TANK FOUNDATIONS	80	CY				1.125	90	50.68	5,000	5,000
	SLD					CONC				WCON		
6311.33	---	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	120	CY				1.125	135	50.68	7,000	7,000
	SLD					CONC				WCON		
6311.4		OFF-SITE DISPOSAL										
												INCL. ACCT. 7311.C8
6311.5		SITE FILL AND LANDSCAPING										
6311.51	---	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	6500	CY				0.050	325	67.15	22,000	22,000
	SIT					FILL				WSIT		
6311.52	SIT	SEED & MULCH SITE	2	AC	1000.00		2,000	19.275	39	67.15	3,000	5,000
	SIT				SEED					WSIT		
TOTAL 341.C							2,000		1,023		65,000	67,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
610		STATION PEAKERS 1-4									
6101.1		COMB. TURBINE STRUCTURE DEMOLITION									
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	1780	CY		CONC	1.125	2003	50.68	102,000	102,000
		TOTAL 341.P						2,003		102,000	102,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE
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, 1 - 15,000BRL	220	TN	-40.00 MTL	-9,000	2.672	588	45.40 WEQP	27,000	18,000
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	60	TN	-40.00 MTL	-2,000	2.025	122	45.40 WEQP	6,000	4,000
TOTAL 342.C											
						-11,000		710		33,000	22,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1-4									
6102.1		COMBUSTION TURBINES 1-4									
6102.11	SCR MTL	COMBUSTION TURBINES WORTHINGTON 2EA @ 33.8MW, 2EA @ 42.9MW	950 TN	-40.00 MTL		-38,000	3.570	3392	45.40 WEQP	154,000	116,000
TOTAL 344.P						-38,000		3,392		154,000	116,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1-4									
6102.1		COMBUSTION TURBINES 1-4									
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	300 TN	-40.00 MTL		-12,000	3.570	1071	45.40 WEQP	49,000	37,000
6107		SCRAP VALUE									
6107.B	SCR SCR	SCRAP VALUE OF COPPER	40000 LB	-0.50 SCRC		-20,000					-20,000
TOTAL 345.P						-32,000		1,071		49,000	17,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				36,000	36,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				5,000	5,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						608,000	608,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
HIGGINS UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 37
Estimate No: 16422D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price Level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	0	0
DDBR	135	15,000
DSLQ	17,840	1,871,000
WBLR	8,202	396,000
WCON	18,342	929,000
WEQP	21,009	953,000
WMSR	1,037	53,000
WROF	601	34,000
WSIT	5,288	356,000
WSTL	4,042	181,000
TOTAL	76,496	4,788,000

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

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	53,000	CF	0
CONC	17,003	CY	0
DISP	42,700	CY	0
EXC	56,200	CY	0
FILL	40,500	CY	0
MTL	15,163	TN	-608,000
PVMT	6,960	SY	0
SCRC	170,000	LB	-85,000
SCRM	15,075	TN	0
SEED	13	AC	13,000
VOID	12,270	CY	0
TOTAL			-680,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
UNITS P1 THRU P14

SARGENT & LUNDY

ESTIMATE NO. 16423D
PROJECT NO. 9991-003
May 17, 2000

REVIEWED BY:

APPROVED BY:

Palgany for S. KOTM
A. C. ...

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

FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16423D
Project No: 9991-003
Prepared by: KS2/ /

Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKERS 1 - 6		-141,000	666,000	525,000
611	STATION PEAKERS 7 - 10		-125,000	1,203,000	1,078,000
613	STATION PEAKER 11		-35,000	155,000	120,000
614	STATION PEAKERS 12 - 14		-94,000	903,000	809,000
631	STATION PEAKERS COMMON FACILITIES		-132,000	1,731,000	1,599,000
731	OFF-SITE DISPOSAL			717,000	717,000
TOTAL CONSTRUCTION COSTS			-527,000	5,375,000	4,848,000
INDIRECT EXPENSES					589,000
ESCALATION					
SALES/USE TAX					
CONTINGENCY					816,000
TOTAL PROJECT COST AFUDC					6,253,000
GRAND TOTAL COST					6,253,000

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%

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

FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16423D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			717,000	717,000
IND	INDIRECT COSTS			589,000	589,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,751,000	1,751,000
SCR	SCRAP VALUE		-548,000		-548,000
SIT	SITE WORK		21,000	526,000	547,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			2,381,000	2,381,000
TOTAL CONSTRUCTION COSTS			-527,000	5,964,000	5,437,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					816,000
TOTAL PROJECT COST					6,253,000
AFUDC					
GRAND TOTAL COST					6,253,000

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%

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

FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16423D
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 17MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKERS COMMON SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		21,000	1,991,000	2,012,000
341.P1	PEAKERS 1-6 - STRUCTURES AND IMPROVEMENTS			196,000	196,000
341.P2	PEAKER 7-11 - STRUCTURES AND IMPROVEMENTS			1,437,000	1,437,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-153,000	457,000	304,000
344.P1	PEAKERS 1-6 - GAS TURBINE PLANT		-96,000	389,000	293,000
344.P2	PEAKERS 7-11 - GAS TURBINE PLANT		-164,000	662,000	498,000
345.P1	PEAKERS 1-6 - ACCESSORY ELECTRICAL EQUIPMENT		-45,000	81,000	36,000
345.P2	PEAKERS 7-11- ACCESSORY ELECTRICAL EQUIPMENT		-90,000	162,000	72,000
IND	INDIRECT EXPENSES			589,000	589,000
	TOTAL CONSTRUCTION COSTS		-527,000	5,964,000	5,437,000

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

FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 17MAY00

Price level: 2000

341.C: PEAKERS COMMON SITE FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	
631		STATION PEAKERS COMMON FACILITIES								
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION								
6311.1		COMB. TURBINE STRUCTURE DEMOLITION								INCL. ACCTS 610,611
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION								
6311.21		SITE EXCAVATION								
6311.211	---	OILY SAND AND SOIL UNDER TANK FARMS - 2' DEEP	14500	CY						INCL. ACCT. 7311.41
	SIT				EXC					
6311.212	---	BERMS AND DIKES EXCAVATION	5200	CY			0.060	312	67.15	21,000
	SIT				EXC				WSIT	21,000
6311.213	---	BORROW EXCAVATION	59400	CY			0.060	3564	67.15	239,000
	SIT				EXC				WSIT	239,000
6311.214	---	FILL	64600	CY						INCL.ACCT.5311.51
	SIT									
6311.22		ROADS & PAVEMENTS								
6311.221	---	PAVED SURFACES	11300	SY			0.120	1356	67.15	91,000
	SLD				PVMT				WSIT	91,000
6311.222	---	CONCRETE PAVEMENT & WALKWAYS	2500	CY			0.525	1313	50.68	67,000
	SLD				CONC				WCON	67,000
6311.223	---	SYNTETIC LINER IN TANK FARM AREA	26000	SY			0.120	3120	67.15	210,000
	SLD				PVMT				WSIT	210,000
6311.23	---	FENCES AND GATES	6300	LF			0.025	158	67.15	11,000
	SIT				FENC				WSIT	11,000
6311.3		OUTLYING STRUCTURES DEMOLITION								
6311.31	---	MISC. SITE BUILDINGS								
	SLD									
6311.311	---	MAINTENANCE & WAREHOUSE BUILDING	16800	CF			0.006	101	50.88	5,000
	SLD				BLDG				WMSR	5,000

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

341.C: PEAKERS COMMON SITE FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR WAGE RATE		LABOR COST
6311.312	--- SLD	COMMON SERVICE BUILDING	176640 CF				0.006 1060	50.88 WMSR	54,000	54,000
6311.313	--- SLD	WATER TREATMENT BUILDING	138600 CF				0.006 832	50.88 WMSR	42,000	42,000
6311.314	--- SLD	JET REPAIR BLDG.	62500 CF				0.006 375	50.88 WMSR	19,000	19,000
6311.315	--- SLD	WAREHOUSE BLDG.	126000 CF				0.006 756	50.88 WMSR	38,000	38,000
6311.316	--- SLD	MISC. SITE BUILDINGS	22600 CF				0.006 136	50.88 WMSR	7,000	7,000
6311.32	--- SLD	TANK FOUNDATIONS & BERMS	2360 CY				1.125 2655	50.68 WCON	135,000	135,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	1410 CY				1.125 1586	50.68 WCON	80,000	80,000
6311.5		SITE FILL AND LANDSCAPING								
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	67830 CY				0.050 3392	67.15 WSIT	228,000	228,000
6311.52	SIT SIT	SEED & MULCH SITE	21 AC	1000.00 SEED		21,000	19.275 405	67.15 WSIT	27,000	48,000
731		OFF-SITE DISPOSAL								
7311.4		OFF-SITE DISPOSAL								
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	14500 CY				0.433 6279	104.87 DSLGS	658,000	658,000
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL					N/A			
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	6000 CY				0.090 540	109.45 DDBR	59,000	59,000
7311.44		DETENTION POND - "VOID"	2800 CY				VOID	INCL. IN WRKG		
TOTAL 341.C						21,000		27,940	1,991,000	2,012,000

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

341.P1: PEAKERS 1-6 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1 - 6										
6101.1		COMB. TURBINE STRUCTURE DEMOLITION										
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	3440	CY				1.125	3870	50.68	196,000	196,000
						CONC				WCON		
		TOTAL 341.P1							3,870		196,000	196,000

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

341.P2: PEAKER 7-11 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
611		STATION PEAKERS 7 - 10										
6111.1		COMB. TURBINE STRUCTURE DEMOLITION										
6111.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	14000	CY				1.125	15750	50.68 WCON	798,000	798,000
613		STATION PEAKER 11										
6131.1		COMB. TURBINE STRUCTURE DEMOLITION										
6131.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	710	CY				1.125	799	50.68 WCON	40,000	40,000
614		STATION PEAKERS 12 - 14										
6141.1		COMB. TURBINE STRUCTURE DEMOLITION										
6141.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	10500	CY				1.125	11813	50.68 WCON	599,000	599,000
TOTAL 341.P2									28,362		1,437,000	1,437,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	* * * M A T E R I A L * * *			* * * L A B O R * * *			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
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 - 100,000BRL	2420 TN	-40.00 MTL		-97,000	2.672	6466	45.40 WEQP	294,000	197,000
6312.32	SCR MTL	MISCEL. STORAGE TANKS & PUMPS (DEMIN. ETC)	1100 TN	-40.00 MTL		-44,000	2.672	2939	45.40 WEQP	133,000	89,000
6312.4	SCR MTL	WATER TREATMENT SYSTEM	100 TN	-40.00 MTL		-4,000	2.672	267	45.40 WEQP	12,000	8,000
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	200 TN	-40.00 MTL		-8,000	2.025	405	45.40 WEQP	18,000	10,000
TOTAL 342.C						-153,000		10,077		457,000	304,000

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

344.P1: PEAKERS 1-6 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
610		STATION PEAKERS 1 - 6										
6102.1		COMBUSTION TURBINES 1-6										
6102.11	SCR MTL	COMBUSTION TURBINES GE 6EA @ 56.7MW	2400	TN MTL	-40.00		-96,000	3.570	8568	45.40 WEQP	389,000	293,000
		TOTAL 344.P1					-96,000		8,568		389,000	293,000

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

344.P2: PEAKERS 7-11 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE
611		STATION PEAKERS 7 - 10								
6112.1		COMBUSTION TURBINES 7-10								
6112.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 85.4MW	2000	TN	-40.00 MTL		-80,000	3.570 7140 45.40 WEQP	324,000	244,000
613		STATION PEAKER 11								
6132.1		COMBUSTION TURBINE 11								
6132.11	SCR MTL	COMBUSTION TURBINE ABB V84.3 1@ 153.4 MW	588	TN	-40.00 MTL		-24,000	3.570 2099 45.40 WEQP	95,000	71,000
614		STATION PEAKERS 12 - 14								
6142.1		COMBUSTION TURBINES 7-10								
6142.11	SCR MTL	COMBUSTION TURBINES GE 4EA @ 85.4MW	1500	TN	-40.00 MTL		-60,000	3.570 5355 45.40 WEQP	243,000	183,000
TOTAL 344.P2							-164,000	14,594	662,000	498,000

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

345.P1: PEAKERS 1-6 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE		LABOR COST
610		STATION PEAKERS 1 - 6							
6102.1		COMBUSTION TURBINES 1-6							
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	500 TN	-40.00 MTL		-20,000	3.570 1785 45.40 WEQP	81,000	61,000
6107		SCRAP VALUE							
6107.B	SCR SCR	SCRAP VALUE OF COPPER	50000 LB	-0.50 SCRC		-25,000			-25,000
TOTAL 345.P1						-45,000	1,785	81,000	36,000

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

345.P2: PEAKERS 7-11- ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
611		STATION PEAKERS 7 - 10										
6112.1		COMBUSTION TURBINES 7-10										
6112.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	500	TN	-40.00 MTL		-20,000	3.570	1785	45.40 WEQP	81,000	61,000
6117		SCRAP VALUE										
6117.B	SCR SCR	SCRAP VALUE OF COPPER	50000	LB	-0.50 SCRC		-25,000					-25,000
613		STATION PEAKER 11										
6132.1		COMBUSTION TURBINE 11										
6132.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	125	TN	-40.00 MTL		-5,000	3.570	446	45.40 WEQP	20,000	15,000
6137		SCRAP VALUE										
6137.B	SCR SCR	SCRAP VALUE OF COPPER	12000	LB	-0.50 SCRC		-6,000					-6,000
614		STATION PEAKERS 12 - 14										
6142.1		COMBUSTION TURBINES 7-10										
6142.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	375	TN	-40.00 MTL		-15,000	3.570	1339	45.40 WEQP	61,000	46,000
6147		SCRAP VALUE										
6147.B	SCR SCR	SCRAP VALUE OF COPPER	37500	LB	-0.50 SCRC		-19,000					-19,000
TOTAL 345.P2									3,570		162,000	72,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	
900	---	INDIRECT EXPENSES								
	IND									
900.1	---	FPC INDIRECT EXPENSES	1	LS						
	IND									
900.11	---	FPC ENGINEERING ALLOCATION	1	LS					86,000	86,000
	IND									
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS					19,000	19,000
	IND									
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS					135,000	135,000
	IND									
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS					3,000	3,000
	IND									
900.15	---	FPC SUPERVISION	1	LS					108,000	108,000
	IND									
900.16	---	SECURITY SERVICES	1	LS					140,000	140,000
	IND									
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS					81,000	81,000
	IND									
900.18	---	PERMITS	1	LS					17,000	17,000
	IND									
		TOTAL IND							589,000	589,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
INTERCESSION CITY PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 14
Estimate No: 16423D
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 17MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DDBR	540	59,000
DSLQ	6,279	658,000
WCON	37,786	1,915,000
WEQP	38,594	1,751,000
WMSR	3,260	165,000
WSIT	12,307	827,000
TOTAL	98,766	5,375,000

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

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	543,140 CF	0
CONC	34,920 CY	0
DISP	20,500 CY	0
EXC	79,100 CY	0
FENC	6,300 LF	0
FILL	67,830 CY	0
MTL	11,808 TN	-473,000
PVMT	37,300 SY	0
SCRC	149,500 LB	-75,000
SCRM	11,808 TN	0
SEED	21 AC	21,000
VOID	2,800 CY	0
TOTAL		-527,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
REVISED FOR THE SALE OF THE PEAKER TURBINE

SARGENT & LUNDY

ESTIMATE NO. 16424E
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

APPROVED BY:

for J. KOTIN
[Signature]

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

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16424E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKER (REMOVED FROM SITE)			9,000	9,000
631	STATION PEAKER COMMON FACILITIES		-1,000	66,000	65,000
731	OFF-SITE DISPOSAL			47,000	47,000
TOTAL CONSTRUCTION COSTS			-1,000	122,000	121,000
INDIRECT EXPENSES					62,000
ESCALATION					
SALES/USE TAX					
CONTINGENCY					27,000
TOTAL PROJECT COST AFUDC					210,000
GRAND TOTAL COST					210,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16424E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			47,000	47,000
IND	INDIRECT COSTS			62,000	62,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			8,000	8,000
SCR	SCRAP VALUE		-3,000		-3,000
SIT	SITE WORK		2,000	32,000	34,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			35,000	35,000
TOTAL CONSTRUCTION COSTS			-1,000	184,000	183,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					27,000
TOTAL PROJECT COST					210,000
AFUDC					
GRAND TOTAL COST					210,000

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%

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

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16424E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKER SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		2,000	105,000	107,000
341.P	PEAKER - STRUCTURES AND IMPROVEMENTS			9,000	9,000
342.C	PEAKER COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-3,000	8,000	5,000
344.P	PEAKER - GAS TURBINE PLANT				
345.P	PEAKER - ACCESSORY ELECTRICAL EQUIPMENT				
IND	INDIRECT EXPENSES			62,000	62,000
	TOTAL CONSTRUCTION COSTS		-1,000	184,000	183,000

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

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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Estimate No: 16424E
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 18MAY00

Price level: 2000

341.C: PEAKER SITE FACILITIES - STRUCTURES
AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE	
631		STATION PEAKER 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	1000 CY		EXC					
6311.212	--- SIT	BERMS AND DIKES EXCAVATION	1100 CY		EXC		0.060	66	67.15 WSIT	4,000 4,000
6311.213	--- SIT	BORROW EXCAVATION	4000 CY		EXC		0.060	240	67.15 WSIT	16,000 16,000
6311.214	--- SIT	FILL	2500 CY							INCL. ACCT. 6311.51
6311.22		ROADS & PAVEMENTS								
6311.221	--- SLD	ASPH. & GRAVEL PAVED SURFACES	1500 SY		PVMT		0.120	180	67.15 WSIT	12,000 12,000
6311.222	--- SLD	CONCRETE WALKWAYS	100 CY		CONC		0.525	53	50.68 WCON	3,000 3,000
6311.23	--- SIT	FENCES AND GATES	405 LF		FENC		0.025	10	67.15 WSIT	1,000 1,000
6311.3		OUTLYING STRUCTURES DEMOLITION								
6311.31	--- SLD	MISC. SITE BUILDINGS								N/A
6311.32	--- SLD	TANK & PUMPS FOUNDATIONS	140 CY		CONC		1.125	158	50.68 WCON	8,000 8,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	50 CY		CONC		1.125	56	50.68 WCON	3,000 3,000

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

341.C: PEAKER SITE FACILITIES - STRUCTURES
AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST			
6311.5		SITE FILL AND LANDSCAPING													
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	2500	CY		FILL		0.050	125	67.15 WSIT	8,000	8,000			
6311.52	SIT SIT	SEED & MULCH SITE	2	AC	1000.00 SEED		2,000	19.275	39	67.15 WSIT	3,000	5,000			
731		OFF-SITE DISPOSAL													
7311.4		OFF-SITE DISPOSAL													
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	1000	CY		DISP		0.433	433	104.87 DSL	45,000	45,000			
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL						N/A							
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	200	CY		DISP		0.090	18	109.45 DDBR	2,000	2,000			
TOTAL 341.C												2,000	1,378	105,000	107,000

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

341.P: PEAKER - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKER (REMOVED FROM SITE)										
6101.1		COMB. TURBINE STRUCTURE DEMOLITION										
6101.11	--- SLD	COMB. TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	165	CY				1.125	186	50.68 WCON	9,000	9,000
		TOTAL 341.P							186		9,000	9,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE
631		STATION PEAKER COMMON FACILITIES									
6312		EQUIPMENT									
6312.1		COMBUSTION TURBINE								INCL. ACCT. 610	
6312.3		FUEL OIL SYSTEM									
6312.31	SCR MTL	FUEL OIL STORAGE TANK - 1 EA - 150,000GAL	60	TN	-40.00 MTL	-2,000	2.672	160	45.40 WEQP	7,000	5,000
6312.32		MISCEL.LUBE OIL STORAGE								INCL. ACCT. 5110.31	
6312.4		WATER TREATMENT SYSTEM								N/A	
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	15	TN	-40.00 MTL	-1,000	2.025	30	45.40 WEQP	1,000	
TOTAL 342.C							-3,000		190	8,000	5,000

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

344.P: PEAKER - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
610		STATION PEAKER (REMOVED FROM SITE)							
6102.1		COMBUSTION TURBINE							REMOVED PREVIOUSLY
6102.11	SCR MTL	COMBUSTION TURBINE GE 19.3MW			TN	MTL			REMOVED PREVIOUSLY WEQP
		TOTAL 344.P							

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

345.P: PEAKER - ACCESSORY ELECTRICAL
EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
610		STATION PEAKER (REMOVED FROM SITE)							
6102.1		COMBUSTION TURBINE							
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT		TN		MTL			REMOVED PREVIOUSLY WEQP
6107		SCRAP VALUE							
6107.B	SCR SCR	SCRAP VALUE OF COPPER		LB		SCRC			N/A
TOTAL 345.P									

Sargent & Lundy
Chicago

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

FLORIDA POWER CORPORATION
PORT ST. JOE PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 11
Estimate No: 16424E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
=====	=====	=====
DDBR	18	2,000
DSLQ	433	45,000
WCON	453	23,000
WEQP	190	8,000
WSIT	660	44,000
TOTAL	1,754	122,000

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

TYPE CODE	QUANTITY UM	DOLLARS
CONC	290 CY	0
DISP	1,200 CY	0
EXC	6,100 CY	0
FENC	405 LF	0
FILL	2,500 CY	0
MTL	75 TN	-3,000
PVMT	1,500 SY	0
SCRC	0 LB	0
SCRM	75 TN	0
SEED	2 AC	2,000
TOTAL		-1,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
RIO PINAR PEAKER

SARGENT & LUNDY

ESTIMATE NO. 16425C
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

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APPROVED BY:

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

FLORIDA POWER CORPORATION
RIO PINAR PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16425C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	STATION PEAKER		-17,000	58,000	41,000
631	STATION PEAKER COMMON FACILITIES		-1,000	111,000	110,000
731	OFF-SITE DISPOSAL			47,000	47,000
	TOTAL CONSTRUCTION COSTS		-18,000	216,000	198,000
	INDIRECT EXPENSES				256,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				68,000
	TOTAL PROJECT COST AFUDC				522,000
	GRAND TOTAL COST				522,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
RIO PINAR PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			47,000	47,000
IND	INDIRECT COSTS			256,000	256,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			57,000	57,000
SCR	SCRAP VALUE		-20,000		-20,000
SIT	SITE WORK		2,000	41,000	43,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			71,000	71,000
TOTAL CONSTRUCTION COSTS			-18,000	472,000	454,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					68,000
TOTAL PROJECT COST					522,000
AFUDC					
GRAND TOTAL COST					522,000

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%

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FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
RIO PINAR PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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Estimate No: 16425C
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	PEAKER SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		2,000	150,000	152,000
341.P	PEAKER - STRUCTURES AND IMPROVEMENTS			9,000	9,000
342.C	PEAKER COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-3,000	8,000	5,000
344.P	PEAKER - GAS TURBINE PLANT		-10,000	41,000	31,000
345.P	PEAKER - ACCESSORY ELECTRICAL EQUIPMENT		-7,000	8,000	1,000
IND	INDIRECT EXPENSES			256,000	256,000
	TOTAL CONSTRUCTION COSTS		-18,000	472,000	454,000

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

FLORIDA POWER CORPORATION
RIO PINAR PEAKER
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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Estimate No: 16425C
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Estimate Date: 18MAY00

Price level: 2000

341.C: PEAKER SITE FACILITIES - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	
631		STATION PEAKER 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	1000 CY		EXC				
6311.212	--- SIT	BERMS AND DIKES EXCAVATION							INCL. ACCT. 5311.32
6311.213	--- SIT	BORROW EXCAVATION	5000 CY		EXC	0.060	300	67.15	20,000
								WSIT	20,000
6311.214	--- SIT	FILL	5000 CY						INCL. ACCT. 5311.51
6311.22		ROADS & PAVEMENTS							
6311.221	--- SLD	ASPH. & GRAVEL PAVED SURFACES	5000 SY		PVMT	0.120	600	67.15	40,000
								WSIT	40,000
6311.222	--- SLD	CONCRETE WALKWAYS	100 CY		CONC	0.525	53	50.68	3,000
								WCON	3,000
6311.23	--- SIT	FENCES AND GATES	500 LF		FENC	0.025	13	67.15	1,000
								WSIT	1,000
6311.3		OUTLYING STRUCTURES DEMOLITION							
6311.31	--- SLD	MISC. SITE BUILDINGS							
6311.311	--- SLD	FUEL TRANSFER HOUSE	2400 CF		BLDG	0.006	14	50.88	1,000
								WMSR	1,000
6311.312	--- SLD	MISC. SITE BUILDINGS							N/A

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

341.C: PEAKER SITE FACILITIES - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	* * * M A T E R I A L * * *			* * * L A B O R * * *		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR WAGE RATE		LABOR COST	
6311.32	--- SLD	TANK & PUMPS FOUNDATIONS, & BERMS	270 CY				1.125	304	50.68 WCON	15,000	15,000
6311.33	--- SLD	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	50 CY				1.125	56	50.68 WCON	3,000	3,000
6311.5		SITE FILL AND LANDSCAPING									
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	5000 CY				0.050	250	67.15 WSIT	17,000	17,000
6311.52	SIT SIT	SEED & MULCH SITE	2 AC	1000.00 SEED		2,000	19.275	39	67.15 WSIT	3,000	5,000
731		OFF-SITE DISPOSAL									
7311.4		OFF-SITE DISPOSAL									
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	1000 CY				0.433	433	104.87 DSL	45,000	45,000
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL					N/A				
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	200 CY				0.090	18	109.45 DDBR	2,000	2,000
TOTAL 341.C						2,000		2,080		150,000	152,000

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

341.P: PEAKER - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		
610		STATION PEAKER							
6101.1		COMB. TURBINE STRUCTURE DEMOLITION							
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	165 CY		CONC	1.125	186 50.68 WCON	9,000 9,000	
TOTAL 341.P							186	9,000	9,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
631		STATION PEAKER COMMON FACILITIES										
6312		EQUIPMENT										
6312.1		COMBUSTION TURBINE									INCL. ACCT. 610	
6312.3		FUEL OIL SYSTEM										
6312.31	SCR MTL	FUEL OIL STORAGE TANK - 1 EA - 150,000GAL	60	TN	-40.00 MTL		-2,000	2.672	160	45.40 WEQP	7,000	5,000
6312.32		MISCEL.LUBE OIL STORAGE									INCL. ACCT. 5110.31	
6312.4		WATER TREATMENT SYSTEM									N/A	
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	15	TN	-40.00 MTL		-1,000	2.025	30	45.40 WEQP	1,000	
TOTAL 342.C							-3,000		190		8,000	5,000

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

344.P: PEAKER - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKER										
6102.1		COMBUSTION TURBINE										
6102.11	SCR MTL	COMBUSTION TURBINE GE 19.3MW	250	TN	-40.00 MTL		-10,000	3.570	893	45.40 WEQP	41,000	31,000
TOTAL 344.P								-10,000		893	41,000	31,000

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

345.P: PEAKER - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
610		STATION PEAKER										
6102.1		COMBUSTION TURBINE										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	50	TN	-40.00 MTL		-2,000	3.570	179	45.40 WEQP	8,000	6,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	10000	LB	-0.50 SCRC		-5,000					-5,000
		TOTAL 345.P					-7,000		179		8,000	1,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				43,000	43,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				1,000	1,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				70,000	70,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				1,000	1,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				54,000	54,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				70,000	70,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS					
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						256,000	256,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
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CREW CODE	MAN-HOURS	DOLLARS
=====	=====	=====
DDBR	18	2,000
DSLQ	433	45,000
WCON	599	30,000
WEQP	1,262	57,000
WMSR	14	1,000
WSIT	1,202	81,000
TOTAL	3,528	216,000

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

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	2,400	CF	0
CONC	585	CY	0
DISP	1,200	CY	0
EXC	6,000	CY	0
FENC	500	LF	0
FILL	5,000	CY	0
MTL	375	TN	-15,000
PVMT	5,000	SY	0
SCRC	10,000	LB	-5,000
SCRM	375	TN	0
SEED	2	AC	2,000
TOTAL			-18,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS

SARGENT & LUNDY

ESTIMATE NO. 16426C
PROJECT NO. 9991-003
May 18, 2000

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APPROVED BY:

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FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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Estimate No: 16426C
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Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-162,000	2,368,000	2,206,000
231	UNIT # 2		-154,000	2,287,000	2,133,000
331	UNIT # 3		-219,000	2,607,000	2,388,000
531	COMMON FACILITIES		-54,000	801,000	747,000
610	STATION PEAKERS 1-3		-62,000	267,000	205,000
631	STATION PEAKERS COMMON FACILITIES		-27,000	150,000	123,000
731	OFF-SITE DISPOSAL			769,000	769,000
TOTAL CONSTRUCTION COSTS			-678,000	9,249,000	8,571,000
INDIRECT EXPENSES					610,000
ESCALATION					
SALES/USE TAX					
CONTINGENCY					1,377,000
TOTAL PROJECT COST					10,558,000
AFUDC					
GRAND TOTAL COST					10,558,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			5,366,000	5,366,000
DSL	OFF-SITE DISPOSAL			769,000	769,000
IND	INDIRECT COSTS			610,000	610,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,668,000	1,668,000
SCR	SCRAP VALUE		-703,000		-703,000
SIT	SITE WORK		25,000	300,000	325,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,146,000	1,146,000
	TOTAL CONSTRUCTION COSTS		-678,000	9,859,000	9,181,000
	INDIRECT EXPENSES				(included above)
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				1,377,000
	TOTAL PROJECT COST				10,558,000
	AFUDC				
	GRAND TOTAL COST				10,558,000

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%

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

FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-39,000	739,000	700,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-36,000	660,000	624,000
311.3	UNIT 3 - STRUCTURES AND IMPROVEMENTS		-53,000	2,114,000	2,061,000
311.C	COMMON SITE FACILITIES		22,000	1,383,000	1,405,000
312.1	UNIT 1 - BOILER PLANT		-69,000	1,445,000	1,376,000
312.2	UNIT 2 - BOILER PLANT		-70,000	1,447,000	1,377,000
312.3	UNIT 3 - BOILER PLANT		-101,000	259,000	158,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-59,000	177,000	118,000
314.1	UNIT 1 - TURBINE PLANT		-24,000	130,000	106,000
314.2	UNIT 2 - TURBINE PLANT		-24,000	139,000	115,000
314.3	UNIT 3 - TURBINE PLANT		-34,000	185,000	151,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-24,000	22,000	-2,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-18,000	17,000	-1,000
315.3	UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT		-24,000	22,000	-2,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-17,000	10,000	-7,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-6,000	32,000	26,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT		-6,000	24,000	18,000
316.3	UNIT 3 - MISC. POWER PLANT EQUIPMENT		-7,000	27,000	20,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		2,000	62,000	64,000
341.P	PEAKERS 1-3 - STRUCTURES AND IMPROVEMENTS			75,000	75,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-29,000	88,000	59,000
344.P	PEAKERS 1-3 - GAS TURBINE PLANT		-37,000	151,000	114,000
345.P	PEAKERS 1-3 - ACCESSORY ELECTRICAL EQUIPMENT		-25,000	41,000	16,000
IND	INDIRECT EXPENSES			610,000	610,000
TOTAL CONSTRUCTION COSTS			-678,000	9,859,000	9,181,000

FERC ACCOUNTS DETAILS

FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Price level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST	
131		UNIT # 1											
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS											
1311.A		MAIN POWER BLOCK DEMOLITION (771,535 CF)											
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	2906	CY			CONC	0.844	2453	50.68	124,000	124,000	
1311.A2		WALLS											
1311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	3220	SF				0.008	26	50.88	1,000	1,000	
1311.A22	--- MTL	INTERIOR WALLS						INCL. ACCT. 1311.A21,3		WMSR			
1311.A23	--- MTL	TRANSITE SIDING	27720	SF				INCL. ACCT. 1311.A91		WMSR			
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	577	CY			CONC	0.599	346	50.68	18,000	18,000	
1311.A4		STRUCTURAL AND GALLERY STEEL											
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	966	TN	-40.00		MTL	-39,000	1.016	981	44.84	44,000	5,000
1311.A42	--- MTL	GALLERY GRATING	8450	SF				INCL. ACCT. 1311.A4		WSTL			
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF								WROF			
1311.A51	--- SLD	BOILER ROOM	4261	SF				0.011	47	55.80	3,000	3,000	
1311.A52	--- SLD	TURBINE ROOM	6030	SF				0.011	66	55.80	4,000	4,000	
1311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT. 1311.A52					
1311.A54	--- SLD	ELECT. BAY, BUNKER BAY, AND WATER TREATMENT AREA						INCL. ACCT. 1311.A55					

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

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL RATE	EQUIPMENT COST	*** MATERIAL COST	*** MNRH RATE	LABOR MNHRS	WAGE RATE	*** LABOR COST	TOTAL COST
1311.A55	--- SLD	AIR HEATER RM, MISC.	5218	SF				0.011	57	55.80 WROF	3,000	3,000
1311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40 WEQP	4,000	4,000
1311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000	10,000
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				450.000	450	45.40 WEQP	20,000	20,000
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS						INCL. ACCT. 1311.A8				
1311.A82	--- MTL	FIXTURES						INCL. ACCT. 1311.A8				
1311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 1311.A8				
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
1311.A91	--- ASB	TRANSITE WALL	27720	SF				0.360	9979	50.88 WMSR	508,000	508,000
1311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
TOTAL 311.1								-39,000	14,720		739,000	700,000

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

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
2311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40	10,000	10,000
										WEQP		
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				450.000	450	45.40	20,000	20,000
										WEQP		
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS						INCL. ACCT. 2311.A8				
2311.A82	--- MTL	FIXTURES						INCL. ACCT. 2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A91	--- ASB	TRANSITE WALL & ROOF	24986	SF				0.360	8995	50.88	458,000	458,000
						TRNS				WMSR		
2311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
TOTAL 311.2								-36,000		13,144	660,000	624,000

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
331		UNIT # 3										
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
3311.A		MAIN POWER BLOCK DEMOLITION (837,735 CF)										
3311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	4158	CY		CONC		0.844	3509	50.68	178,000	178,000
3311.A2		WALLS										
3311.A21	--- SLD	MASONRY WALLS - CONCRETE BLOCK & TILES	2539	SF				0.008	20	50.88	1,000	1,000
3311.A22	--- MTL	INTERIOR WALLS						INCL. ACCT. 3311.A21.3				
3311.A23	--- MTL	TRANSITE SIDING	30171	SF				INCL. ACCT. 3311.A91				
3311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	380	CY		CONC		0.599	228	50.68	12,000	12,000
3311.A4		STRUCTURAL AND GALLERY STEEL										
3311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1330	TN	-40.00		-53,000	1.016	1351	44.84	61,000	8,000
3311.A42	--- MTL	GALLERY GRATING	205159	SF				INCL. ACCT. 3311.A4				
3311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF										
3311.A51	--- SLD	BOILER ROOM	5734	SF				0.011	63	55.80	4,000	4,000
3311.A52	--- SLD	TURBINE ROOM	5808	SF				0.011	64	55.80	4,000	4,000
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.	3903	SF				0.011	43	55.80	2,000	2,000
3311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40	4,000	4,000

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
3311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000	10,000
3311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				337.500	338	45.40 WEQP	15,000	15,000
3311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS						INCL. ACCT. 3311.A8				
3311.A82	--- MTL	FIXTURES						INCL. ACCT. 3311.A8				
3311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 3311.A8				
3311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
3311.A91	--- ASB	TRANSITE WALL	30171	SF				0.360	10862	50.88 WMSR	553,000	553,000
3311.A92	--- ASB	TRANSITE SEWER PIPE						N/A				
3311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A				
3311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS							1,270,000	1,270,000
TOTAL 311.3								-53,000	16,793		2,114,000	2,061,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE
131		UNIT # 1								
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
1311.B		OUTLYING STRUCTURES DEMOLITION							INCL. ACCT. 5311	
1311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							INCL. ACCT. 5311	
231		UNIT # 2								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.B		OUTLYING STRUCTURES DEMOLITION							INCL. ACCT. 5311	
2311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							INCL. ACCT. 5311	
331		UNIT # 3								
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
3311.B		OUTLYING STRUCTURES DEMOLITION							INCL. ACCT. 5311	
3311.C		SITE WORK AND SITE STRUCTURES DEMOLITION							INCL. ACCT. 5311	
531		COMMON FACILITIES								
5311		COMMON FACILITIES								
5311.A		SITE EXCAVATION								
5311.A1	---	ASH POND EXCAVATE 2' DEEP							N/A	
	SIT									
5311.A2	---	PERC. PONS - 2 EA	3700	CY					INCL. ACCT. 5311.C82	
	SIT	EXCAVATE SLUDGE & CONTAMINATED SOIL -				EXC				
5311.A3	---	OILY SAND AND SOIL UNDER FUEL OIL TANK FARMS AND GAS TANK & PUMPS - 2'	12900	CY					INCL. ACCT. 5311.C82	
	SIT					EXC				
5311.A4	---	BERMS AND DIKES EXCAVATION	18000	CY			0.060	1080	67.15	73,000
	SIT							WSIT		73,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** L A B O R ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
5311.A5	--- SIT	BORROW EXCAVATION	16000 CY		EXC		0.060	960	67.15 WSIT	64,000	64,000
5311.A6	--- SIT	FILL	34000				INCL.ACCT.5311.C8,C9				
5311.B		OUTLYING STRUCTURES DEMOLITION									
5311.B1	--- SLD	WAREHOUSES AND STOREROOMS	280000 CF		BLDG		0.004	1120	50.88 WMSR	57,000	57,000
5311.B2	--- SLD	GUARDHOUSE					INCL. ACCT.5311.B45				
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS									
5311.B42	--- SLD	EMPLOYEE CLUBHOUSE - WOOD BUILDING			BLDG		INCL. ACCT. 5311.B5				
5311.B43	--- SLD	PUMPHSES - STEEL FRAME /CONCRETE BLOCK BUILDING	15600 CF		BLDG		0.006	94	50.88 WMSR	5,000	5,000
5311.B45	--- SLD	MISCELLANEOUS SMALL SIZE BUILDINGS	16000 CF		BLDG		0.006	96	50.88 WMSR	5,000	5,000
5311.B46	--- ASB	TRANSITE WALL	2005 SF		TRNS		0.360	722	50.88 WMSR	37,000	37,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	740 CY		CONC		1.125	833	50.68 WCON	42,000	42,000
5311.B6	--- SLD	TANK & PUMP FOUNDATIONS	403 CY		CONC		0.563	227	50.68 WCON	12,000	12,000
5311.B7		COOLING TOWER COMMON STRUCTURES - DISCHARGE FLUME, MIXING STRUCTURE,					INCL. ACCT. 5311.B5				
5311.C		SITE WORK AND SITE STRUCTURES DEMOLITION									
5311.C1	--- MTL	R/R TRACKS	4375 TF		RRTK		0.225	984	67.15 WSIT	66,000	66,000
5311.C2		ROADS & PAVEMENTS									
5311.C21	--- SLD	PAVED SURFACES	7450 SY		PVMT		0.120	894	67.15 WSIT	60,000	60,000
5311.C22	--- SLD	CONCRETE WALKWAYS	100 CY		CONC		0.525	53	50.68 WCON	3,000	3,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST			
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS													
												INCL. IN WRKG			
5311.C811	--- DSL	MAIN BUILDING BSMT	21000	CY											
												VOID			
5311.C812	--- DSL	CONCRETE PIPE TRENCH	300	CY											
												VOID			
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	2000	CY											
												VOID			
5311.C9		SITE FILL AND LANDSCAPING													
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	34000	CY					0.050	1700	67.15	114,000	114,000		
											WSIT				
5311.C92	SIT SIT	SEED & MULCH SITE	11	AC	1000.00		11,000	19.275	212	67.15	14,000	25,000			
						SEED					WSIT				
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 &	16600	CY				0.433	7188	104.87	754,000	754,000			
											DSL				
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL							N/A						
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY				0.090	135	109.45	15,000	15,000			
											DDBR				
TOTAL 311.C												22,000	17,041	1,383,000	1,405,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL RATE	MATERIAL EQUIPMENT COST	*** MATERIAL COST	*** MNRH RATE	LABOR MNHRS	*** WAGE RATE	LABOR COST	TOTAL COST
131		UNIT # 1									
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS									
1311.A		MAIN POWER BLOCK DEMOLITION (771,535 CF)									
1311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL									
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS							1,270,000	1,270,000
1312		BOILER PLANT									
1312.A	SCR MTL	BOILER AND APPURTENANCES	1200 TN	-40.00 MTL		-48,000	2.025	2430	48.30 WBLR	117,000	69,000
1312.B		DRAFT EQUIPMENT									
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	100 TN	-40.00 MTL		-4,000	2.672	267	45.40 WEQP	12,000	8,000
1312.B2	--- MTL	PRECIPITATOR							N/A		
1312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 1312.A		
1312.B4	SCR MTL	REMOVAL OF STEEL STACK	50 TN	-40.00 MTL		-2,000	2.025	101	45.40 WEQP	5,000	3,000
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	150 CY						50.68 WCON	8,000	8,000
1312.C		FEED WATER SYSTEM									
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	70 TN	-40.00 MTL		-3,000	2.025	142	45.40 WEQP	6,000	3,000
1312.C2		CONDENSATE TANKS							INCL. ACCT. 1316.B		
1312.D		WATER TREATMENT SYSTEM									
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
1312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F		
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	200 TN	-40.00 MTL		-8,000	2.025	405	45.40 WEQP	18,000	10,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
1312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION										
		TOTAL 312.1					-69,000		3,710		1,445,000	1,376,000

INCL. ACCT. 1311.A94

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR
231		UNIT # 2								
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
2311.A		MAIN POWER BLOCK DEMOLITION (763,091 CF)								
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1	LS				1,270,000	1,270,000	
2312		BOILER PLANT								
2312.A	SCR MTL	BOILER AND APPURTENANCES	1215	TN	-40.00 MTL		-49,000	2.025 2460 48.30 WBLR	119,000	70,000
2312.B		DRAFT EQUIPMENT								
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	100	TN	-40.00 MTL		-4,000	2.672 267 45.40 WEQP	12,000	8,000
2312.B2	--- MTL	PRECIPITATOR						N/A		
2312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 2312.A		
2312.B4	SCR MTL	REMOVAL OF STEEL STACK	50	TN	-40.00 MTL		-2,000	2.025 101 45.40 WEQP	5,000	3,000
2312.B41		ASBESTOS ON STACK (UNIT 2 ONLY)						INCL. ACCT. 2311.A94		
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	150	CY		CONC		1.080 162 50.68 WCON	8,000	8,000
2312.C		FEED WATER SYSTEM								
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.025 142 45.40 WEQP	6,000	3,000
2312.C2		CONDENSATE TANKS						INCL. ACCT. 2316.B		
2312.D		WATER TREATMENT SYSTEM								
2312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025 203 45.40 WEQP	9,000	5,000
2312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F		

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	200 TN	-40.00 MTL		-8,000	2.025	405	45.40 WEQP	18,000	10,000
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION							INCL. ACCT. 2311.A94		
TOTAL 312.2						-70,000		3,740		1,447,000	1,377,000

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

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
331		UNIT # 3										
3312		BOILER PLANT										
3312.A	SCR MTL	BOILER AND APPURTENANCES	1825	TN	-40.00 MTL		-73,000	2.025	3696	48.30 WBLR	179,000	106,000
3312.B		DRAFT EQUIPMENT										
3312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	135	TN	-40.00 MTL		-5,000	2.672	361	45.40 WEQP	16,000	11,000
3312.B2	--- MTL	PRECIPITATOR							N/A			
3312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 3312.A			
3312.B4	SCR MTL	REMOVAL OF STEEL STACK	80	TN	-40.00 MTL		-3,000	2.025	162	45.40 WEQP	7,000	4,000
3312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200	CY		CONC		1.080	216	50.68 WCON	11,000	11,000
3312.C		FEED WATER SYSTEM										
3312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
3312.C2		CONDENSATE TANKS							INCL. ACCT. 3316.B			
3312.D		WATER TREATMENT SYSTEM										
3312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	100	TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
3312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F			
3312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	300	TN	-40.00 MTL		-12,000	2.025	608	45.40 WEQP	28,000	16,000
3312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION							INCL. ACCT. 3311.A94			
TOTAL 312.3							-101,000		5,449		259,000	158,000

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

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE	LABOR COST
531		COMMON FACILITIES								
5312.F		FUEL OIL EQUIPMENT								
5312.F1	SCR MTL	RESIDUAL OIL STORAGE TANKS - 1 EA @ 80,000BRL, 1 EA @ 55,000BRL	817 TN	-40.00 MTL		-33,000	2.672 2183	45.40 WEQP	99,000	66,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	150 TN	-40.00 MTL		-6,000	2.672 401	45.40 WEQP	18,000	12,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS					INCL. ACCT. 5311.B6			
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	450 TN	-40.00 MTL		-18,000	2.672 1202	45.40 WEQP	55,000	37,000
5312.K	SCR MTL	WOOD CHIP AND GASIFICATION EQUIPMENT	40 TN	-40.00 MTL		-2,000	2.672 107	45.40 WEQP	5,000	3,000
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						-59,000	3,893		177,000	118,000

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

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
131		UNIT # 1									
1314		TURBINE PLANT									
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES									
1314.B1	SCR MTL	TURBINE GENERATOR	315 TN	-40.00 MTL		-13,000	2.025	638	45.40 WEQP	29,000	16,000
1314.B2	SCR MTL	CONDENSER	145 TN	-40.00 MTL		-6,000	2.025	294	45.40 WEQP	13,000	7,000
1314.B3	--- SLD	TURBINE PEDESTAL	566 CY		CONC		1.800	1019	50.68 WCON	52,000	52,000
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.	100 TN	-40.00 MTL		-4,000	2.025	203	45.40 WEQP	9,000	5,000
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1 LS				480.000	480	50.68 WCON	24,000	24,000
1314.C3	--- MTL	INTAKE RACKS, MISC.					INCL. ACCT. 1314.C1				
1314.C4	SCR MTL	20 TN BRIDGE CRANE	30 TN	-40.00 MTL		-1,000	2.025	61	45.40 WEQP	3,000	2,000
1314.C5		COOLING WATER TOWER					N/A				
TOTAL 314.1						-24,000		2,695		130,000	106,000

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

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
231		UNIT # 2										
2314		TURBINE PLANT										
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
2314.B1	SCR MTL	TURBINE GENERATOR	350	TN	-40.00		-14,000	2.025	709	45.40	32,000	18,000
					MTL					WEQP		
2314.B2	SCR MTL	CONDENSER	160	TN	-40.00		-6,000	2.025	324	45.40	15,000	9,000
					MTL					WEQP		
2314.B3	--- SLD	TURBINE PEDESTAL	645	CY				1.800	1161	50.68	59,000	59,000
					CONC					WCON		
2314.B4		TURBINE PLANT PIPING AND HANGERS										
2314.C		CIRCULATING WATER SYSTEM										
2314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	100	TN	-40.00		-4,000	2.025	203	45.40	9,000	5,000
					MTL					WEQP		
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				480.000	480	50.68	24,000	24,000
										WCON		
2314.C3	--- MTL	INTAKE RACKS, MISC.										
2314.C4	--- MTL	10 TN GANTRY CRANE										
2314.C5		COOLING WATER TOWER										
		TOTAL 314.2					-24,000			2,877	139,000	115,000

N/A

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

314.3: UNIT 3 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST			
331		UNIT # 3													
3314		TURBINE PLANT													
3314.B		TURBINE GENERATOR UNIT AND ACCESSORIES													
3314.B1	SCR MTL	TURBINE GENERATOR	475	TN	-40.00		-19,000	2.025	962	45.40	44,000	25,000			
					MTL					WEQP					
3314.B2	SCR MTL	CONDENSER	215	TN	-40.00		-9,000	2.025	435	45.40	20,000	11,000			
					MTL					WEQP					
3314.B3	--- SLD	TURBINE PEDESTAL	850	CY				1.800	1530	50.68	78,000	78,000			
					CONC					WCON					
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.	150	TN	-40.00		-6,000	2.025	304	45.40	14,000	8,000			
					MTL					WEQP					
3314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				562.500	563	50.68	29,000	29,000			
										WCON					
3314.C3	--- MTL	INTAKE RACKS, MISC.									INCL. ACCT. 3314.C1				
3314.C4	--- MTL	10 TN GANTRY CRANE									INCL. ACCT. 1314.C4				
						MTL									
3314.C5		COOLING WATER TOWER									N/A				
TOTAL 314.3												-34,000	3,794	185,000	151,000

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

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
131		UNIT # 1									
1315		ACCESSORY ELECTRICAL EQUIPMENT									
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	110	TN	-40.00 MTL		-4,000	2.672 294	45.40 WEQP	13,000	9,000
1315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C			
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	165	CY		CONC		1.080 178	50.68 WCON	9,000	9,000
1317		SCRAP VALUE									
1317.B	SCR SCR	SCRAP VALUE OF COPPER	40000	LB	-0.50 SCRC		-20,000				-20,000
		TOTAL 315.1					-24,000	472		22,000	-2,000

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

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
231		UNIT # 2										
2315		ACCESSORY ELECTRICAL EQUIPMENT										
2315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.672	187	45.40 WEQP	8,000	5,000
2315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.C		
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	165	CY		CONC		1.080	178	50.68 WCON	9,000	9,000
2317		SCRAP VALUE										
2317.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-0.50 SCRC		-15,000					-15,000
		TOTAL 315.2					-18,000		365		17,000	-1,000

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

315.3: UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
331		UNIT # 3										
3315		ACCESSORY ELECTRICAL EQUIPMENT										
3315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	110	TN	-40.00		-4,000	2.672	294	45.40	13,000	9,000
3315.B		CABLE TRAYS & DUCTRUNS										
3315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	160	CY		CONC		1.080	173	50.68	9,000	9,000
3317		SCRAP VALUE										
3317.B	SCR SCR	SCRAP VALUE OF COPPER	40000	LB	-0.50	SCRC	-20,000					-20,000
		TOTAL 315.3					-24,000		467		22,000	-2,000

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

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
531		COMMON FACILITIES										
5315		ACCESSORY ELECTRICAL EQUIPMENT										
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	60	TN	-40.00 MTL		-2,000	2.672	160	45.40 WEQP	7,000	5,000
5315.B		CABLE TRAYS & DUCTRUNS								INCL. ACCT. 5311.7		
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	50	CY		CONC		1.080	54	50.68 WCON	3,000	3,000
5317		SCRAP VALUE										
5317.B	SCR SCR	SCRAP VALUE OF COPPER	30000	LB	-0.50 SCRC		-15,000					-15,000
		TOTAL 315.C					-17,000		214		10,000	-7,000

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

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR				
131		UNIT # 1										
1316		MISCELLANEOUS POWER PLANT EQUIPMENT										
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	115	TN	-40.00 MTL		-5,000	2.025	233	45.40 WEQP	11,000	6,000
1316.B	SCR MTL	MISC. SMALL TANKS	30	TN	-40.00 MTL		-1,000	2.672	80	45.40 WEQP	4,000	3,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 50/10 TON	1	EA			187.500	188		44.84 WSTL	8,000	8,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT			187.500	188		45.40 WEQP	9,000	9,000
TOTAL 316.1							-6,000		689		32,000	26,000

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

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNRS		WAGE RATE	LABOR COST
231		UNIT # 2								
2316		MISCELLANEOUS POWER PLANT EQUIPMENT								
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	115 TN	-40.00 MTL	-5,000	2.025	233	45.40 WEQP	11,000	6,000
2316.B	SCR MTL	MISC. SMALL TANKS	30 TN	-40.00 MTL	-1,000	2.672	80	45.40 WEQP	4,000	3,000
2316.C	--- MTL	TURBINE ROOM O.H. CRANE 50/10 TON							INCL. ACCT. 1316.C	
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1 LT			187.500	188	45.40 WEQP	9,000	9,000
TOTAL 316.2						-6,000		501	24,000	18,000

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

316.3: UNIT 3 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		LABOR COST
331		UNIT # 3								
3316		MISCELLANEOUS POWER PLANT EQUIPMENT								
3316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	145	TN	-40.00 MTL	-6,000	2.025 294	45.40 WEQP	13,000	7,000
3316.B	SCR MTL	MISC. SMALL TANKS	20	TN	-40.00 MTL	-1,000	2.672 53	45.40 WEQP	2,000	1,000
3316.C	--- MTL	TURBINE ROOM O.H. CRANE 50/10 TON					INCL. ACCT. 1316.C			
3316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT		262.500	263	45.40 WEQP	12,000	12,000
TOTAL 316.3						-7,000		610	27,000	20,000

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

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR 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.A			
6311.22		ROADS & PAVEMENTS												
6311.221	---	PAVED SURFACES	1600	SY				0.120	192	67.15	13,000	13,000		
	SLD					PVMT				WSIT				
6311.222	---	CONCRETE WALKWAYS	100	CY				0.525	53	50.68	3,000	3,000		
	SLD					CONC				WCON				
6311.23	---	FENCES AND GATES										INCL. ACCT. 5311.C		
	MTL													
6311.3		OUTLYING STRUCTURES DEMOLITION												
6311.31	---	MISC. SITE BUILDINGS - WATER INJECTION & FUEL FILTER. ETC.	18000	CF				0.006	108	50.88	5,000	5,000		
	SLD					BLDG				WMSR				
6311.32	---	TANK FOUNDATIONS	130	CY				1.125	146	50.68	7,000	7,000		
	SLD					CONC				WCON				
6311.33	---	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	165	CY				1.125	186	50.68	9,000	9,000		
	SLD					CONC				WCON				
6311.4		OFF-SITE DISPOSAL										INCL. ACCT. 5311.CB		
6311.5		SITE FILL AND LANDSCAPING												
6311.51	---	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	6500	CY				0.050	325	67.15	22,000	22,000		
	SIT					FILL				WSIT				
6311.52	SIT	SEED & MULCH SITE	2	AC	1000.00			19.275	39	67.15	3,000	5,000		
	SIT				SEED					WSIT				
TOTAL 341.C											2,000	1,049	62,000	64,000

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

341.P: PEAKERS 1-3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
610		STATION PEAKERS 1-3										
6101.1		COMB. TURBINE STRUCTURE DEMOLITION										
6101.11	--- SLD	COMB. TURBINE FOUNDATIONS - COMMON MAT AND PEDESTALS	1320	CY		CONC		1.125	1485	50.68	75,000	75,000
		TOTAL 341.P							1,485		75,000	75,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR 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 TANK - 1 EA - 100,000BRL	640	TN	-40.00 MTL		-26,000	2.672	1710	45.40 WEQP	78,000	52,000
6312.32		MISCEL.LUBE OIL STORAGE									INCL. ACCT. 6110.31	
6312.4	SCR MTL	DEMINEALIZ. SYSTEM	30	TN	-40.00 MTL		-1,000	2.672	80	45.40 WEQP	4,000	3,000
6312.5	SCR MTL	FUEL OIL & MISC. PIPING	60	TN	-40.00 MTL		-2,000	2.025	122	45.40 WEQP	6,000	4,000
TOTAL 342.C								-29,000		1,912	88,000	59,000

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

344.P: PEAKERS 1-3 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1-3									
6102.1		COMBUSTION TURBINES 1-3									
6102.11	SCR MTL	COMBUSTION TURBINES P&W 3EA @ 61.2MW	930 TN	-40.00 MTL		-37,000	3.570	3320	45.40 WEQP	151,000	114,000
TOTAL 344.P						-37,000		3,320		151,000	114,000

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

345.P: PEAKERS 1-3 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1-3									
6102.1		COMBUSTION TURBINES 1-3									
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	250 TN	-40.00 MTL		-10,000	3.570	893	45.40 WEQP	41,000	31,000
6107		SCRAP VALUE									
6107.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC		-15,000					-15,000
TOTAL 345.P						-25,000		893		41,000	16,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				38,000	38,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				5,000	5,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						610,000	610,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
SUWANNEE UNITS 1, 2, 3, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 36
Estimate No: 16426C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
****	53	2,000
DASH	0	0
DDBR	135	15,000
DSLQ	7,188	754,000
WBLR	8,586	415,000
WCON	18,798	954,000
WEQP	22,564	1,023,000
WMSR	32,028	1,630,000
WROF	508	30,000
WSIT	6,536	440,000
WSTL	3,437	154,000
TOTAL	99,833	5,417,000

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

TYPE CODE	QUANTITY	UM	DOLLARS
BLDG	329,600	CF	0
CONC	17,374	CY	0
DISP	18,100	CY	0
EXC	32,600	CY	0
FENC	500	LF	0
FILL	40,500	CY	0
MTL	15,426	TN	-618,000
PVMT	9,050	SY	0
RRTK	4,375	TF	0
SCRC	170,000	LB	-85,000
SCRM	15,360	TN	0
SEED	13	AC	13,000
TRNS	84,882	SF	0
VOID	23,300	CY	0
TOTAL			-690,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS

SARGENT & LUNDY

ESTIMATE NO. 16427E
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

APPROVED BY:

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Chicago

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

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16427E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
131	UNIT # 1		-31,000	233,000	202,000
231	UNIT # 2		-33,000	227,000	194,000
331	UNIT # 3		-221,000	1,557,000	1,336,000
431	UNIT # 4		-246,000	1,438,000	1,192,000
531	COMMON FACILITIES		-76,000	1,176,000	1,100,000
610	STATION PEAKERS 1-2		-27,000	109,000	82,000
611	STATION PEAKERS 3-4		-60,000	273,000	213,000
631	STATION PEAKERS COMMON FACILITIES		-49,000	330,000	281,000
731	OFF-SITE DISPOSAL			901,000	901,000
TOTAL CONSTRUCTION COSTS			-743,000	6,244,000	5,501,000
INDIRECT EXPENSES					1,157,000
ESCALATION					
SALES/USE TAX					
CONTINGENCY					999,000
TOTAL PROJECT COST AFUDC					7,657,000
GRAND TOTAL COST					7,657,000

FINANCIAL ASSUMPTIONS:

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

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

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

Sargent & Lundy
Chicago

WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16427E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			1,630,000	1,630,000
DSL	OFF-SITE DISPOSAL			901,000	901,000
IND	INDIRECT COSTS			1,157,000	1,157,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,886,000	1,886,000
SCR	SCRAP VALUE		-782,000		-782,000
SIT	SITE WORK		39,000	691,000	730,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			1,136,000	1,136,000
TOTAL CONSTRUCTION COSTS			-743,000	7,401,000	6,658,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					999,000
TOTAL PROJECT COST					7,657,000
AFUDC					
GRAND TOTAL COST					7,657,000

FINANCIAL ASSUMPTIONS:

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

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

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

Sargent & Lundy
Chicago

FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16427E
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS		-17,000	110,000	93,000
311.2	UNIT 2 - STRUCTURES AND IMPROVEMENTS		-23,000	126,000	103,000
311.3	UNIT 3 - STRUCTURES AND IMPROVEMENTS		-54,000	1,068,000	1,014,000
311.4	UNIT 4 - STRUCTURES AND IMPROVEMENTS		-77,000	941,000	864,000
311.C	COMMON SITE FACILITIES		32,000	1,794,000	1,826,000
312.1	UNIT 1 - BOILER PLANT		-6,000	21,000	15,000
312.2	UNIT 2 - BOILER PLANT		-6,000	21,000	15,000
312.3	UNIT 3 - BOILER PLANT		-100,000	258,000	158,000
312.4	UNIT 4 - BOILER PLANT		-103,000	264,000	161,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-91,000	273,000	182,000
314.1	UNIT 1 - TURBINE PLANT		-3,000	67,000	64,000
314.2	UNIT 2 - TURBINE PLANT		-3,000	67,000	64,000
314.3	UNIT 3 - TURBINE PLANT		-35,000	178,000	143,000
314.4	UNIT 4 - TURBINE PLANT		-34,000	180,000	146,000
315.1	UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT		-1,000	4,000	3,000
315.2	UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT		-1,000	4,000	3,000
315.3	UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT		-24,000	22,000	-2,000
315.4	UNIT 4 - ACCESSORY ELECTRICAL EQUIPMENT		-24,000	22,000	-2,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-17,000	10,000	-7,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT		-4,000	31,000	27,000
316.2	UNIT 2 - MISC. POWER PLANT EQUIPMENT			9,000	9,000
316.3	UNIT 3 - MISC. POWER PLANT EQUIPMENT		-8,000	31,000	23,000
316.4	UNIT 4 - MISC. POWER PLANT EQUIPMENT		-8,000	31,000	23,000
341.C	PEAKERS COMMON FACILITIES - STRUCTURES AND IMPROVEMENTS		7,000	163,000	170,000
341.P1	PEAKERS 1-2 - STRUCTURES AND IMPROVEMENTS			20,000	20,000

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

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.P2	PEAKERS 3-4 - STRUCTURES AND IMPROVEMENTS			71,000	71,000
342.C	PEAKERS COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-56,000	167,000	111,000
344.P1	PEAKERS 1-2 - GAS TURBINE PLANT		-18,000	73,000	55,000
344.P2	PEAKERS 3-4 - GAS TURBINE PLANT		-42,000	170,000	128,000
345.P1	PEAKERS 1-2 - ACCESSORY ELECTRICAL EQUIPMENT		-9,000	16,000	7,000
345.P2	PEAKERS 3-4 - ACCESSORY ELECTRICAL EQUIPMENT		-18,000	32,000	14,000
IND	INDIRECT EXPENSES			1,157,000	1,157,000
TOTAL CONSTRUCTION COSTS			-743,000	7,401,000	6,658,000

FERC ACCOUNTS DETAILS

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 18MAY00

Price Level: 2000

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST	
131		UNIT # 1											
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS											
1311.A		MAIN POWER BLOCK DEMOLITION (381,240 CF)											
1311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	902	CY			CONC	0.844	761	50.68 WCON	39,000	39,000	
1311.A2		WALLS											
1311.A21	--- SLD	MASONRY WALLS - BRICK	22640	SF				0.008	181	50.88 WMSR	9,000	9,000	
1311.A22	--- MTL	INTERIOR WALLS						INCL. ACCT. 1311.A21,3		WMSR			
1311.A23	--- MTL	TRANSITE SIDING						N/A		WMSR			
1311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	200	CY			CONC	0.599	120	50.68 WCON	6,000	6,000	
1311.A4		STRUCTURAL AND GALLERY STEEL											
1311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	420	TN	-40.00		MTL	-17,000	1.016	427	44.84 WSTL	19,000	2,000
1311.A42	--- MTL	GALLERY GRATING						INCL. ACCT. 1311.A4		WSTL			
1311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF								WROF			
1311.A51	--- SLD	BOILER ROOM	2982	SF				0.011	33	55.80 WROF	2,000	2,000	
1311.A52	--- SLD	TURBINE ROOM	1720	SF				0.011	19	55.80 WROF	1,000	1,000	
1311.A53	--- SLD	CONTROL HOUSE						INCL. ACCT. 1311.A52					
1311.A54	--- SLD	ELECT. BAY, BUNKER BAY, AND WATER TREATMENT AREA						INCL. ACCT. 1311.A55					

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

311.1: UNIT 1 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE	
1311.A55	--- SLD	AIR HEATER RM, MISC.	710	SF				0.011	8	55.80 WROF	•
1311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40 WEQP	4,000
1311.A7	--- MTL	M/BLDG HVAC	1	LS				225.000	225	45.40 WEQP	10,000
1311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS				450.000	450	45.40 WEQP	20,000
1311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS						INCL. ACCT. 1311.A8			
1311.A82	--- MTL	FIXTURES						INCL. ACCT. 1311.A8			
1311.A83	--- MTL	M/BLDG MISC. ELECTRICAL						INCL. ACCT. 1311.A8			
1311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL									
1311.A91	--- ASB	TRANSITE WALL						N/A		WMSR	
1311.A92	--- ASB	TRANSITE SEWER PIPE						N/A			
1311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS						N/A			
TOTAL 311.1								-17,000	2,314	110,000	93,000

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

311.2: UNIT 2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
2311.A7	--- MTL	M/BLDG HVAC	1	LS			225.000	225	45.40 WEQP	10,000	10,000
2311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS			300.000	300	45.40 WEQP	14,000	14,000
2311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS					INCL. ACCT. 2311.A8				
2311.A82	--- MTL	FIXTURES					INCL. ACCT. 2311.A8				
2311.A83	--- MTL	M/BLDG MISC. ELECTRICAL					INCL. ACCT. 2311.A8				
2311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL									
2311.A91	--- ASB	TRANSITE WALL & ROOF					N/A		WMSR		
2311.A92	--- ASB	TRANSITE SEWER PIPE					N/A				
2311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS					N/A				
		TOTAL 311.2					-23,000		2,589	126,000	103,000

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	LABOR WAGE RATE	LABOR COST	TOTAL COST
331		UNIT # 3										
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
3311.A		MAIN POWER BLOCK DEMOLITION (1,247,624 CF)										
3311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	1460	CY		CONC		0.844	1232	50.68 WCON	62,000	62,000
3311.A2		WALLS										
3311.A21	--- SLD	MASONRY WALLS - CONCRETE	4000	SF				0.008	32	50.88 WMSR	2,000	2,000
3311.A22	--- MTL	INTERIOR WALLS								INCL.ACCT.3311.A21.3 WMSR		
3311.A23	--- MTL	TRANSITE SIDING	45428	SF						INC. ACCT. 3311.A91		
3311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	285	CY		CONC		0.599	171	50.68 WCON	9,000	9,000
3311.A4		STRUCTURAL AND GALLERY STEEL										
3311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1360	TN	-40.00 MTL		-54,000	1.016	1382	44.84 WSTL	62,000	8,000
3311.A42	--- MTL	GALLERY GRATING	20850	SF						INCL. ACCT. 3311.A4 WSTL		
3311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF								WROF		
3311.A51	--- SLD	BOILER ROOM	2704	SF				0.011	30	55.80 WROF	2,000	2,000
3311.A52	--- SLD	TURBINE ROOM	6884	SF				0.011	76	55.80 WROF	4,000	4,000
3311.A53	--- SLD	CONTROL HOUSE								INCL. ACCT. 3311.A52		
3311.A54	--- SLD	MACHINE SHOP AND WATER TREATMENT AREA								INCL.ACCT.3311.A51,2		
3311.A55	--- SLD	AIR HEATER RM, MISC.	2092	SF				0.011	23	55.80 WROF	1,000	1,000
3311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40 WEQP	4,000	4,000

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

311.3: UNIT 3 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST	
3311.A7	--- MTL	M/BLDG HVAC	1 LS				225.000	225	45.40 WEQP	10,000	10,000	
3311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1 LS				337.500	338	45.40 WEQP	15,000	15,000	
3311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS					INCL. ACCT. 3311.A8					
3311.A82	--- MTL	FIXTURES					INCL. ACCT. 3311.A8					
3311.A83	--- MTL	M/BLDG MISC. ELECTRICAL					INCL. ACCT. 3311.A8					
3311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
3311.A91	--- ASB	TRANSITE WALL	45428 SF				0.360	16354	50.88 WMSR	832,000	832,000	
3311.A92	--- ASB	TRANSITE SEWER PIPE					N/A					
3311.A93	--- ASB	2"-4" TRANSITE CABLE TRAYS & CONDUITS	14115 LF				0.090	1270	50.88 WMSR	65,000	65,000	
TOTAL 311.3												
							-54,000		21,223	1,068,000	1,014,000	

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

311.4: UNIT 4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHRS	WAGE RATE		LABOR COST
431		UNIT # 4										
4311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
4311.A		MAIN POWER BLOCK DEMOLITION (1,757,348 CF)										
4311.A1	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	1682	CY		CONC		0.844	1420	50.68	72,000	72,000
4311.A2		WALLS										
4311.A21	--- SLD	MASONRY WALLS - CONCRETE	4000	SF				0.008	32	50.88	2,000	2,000
4311.A22	--- MTL	INTERIOR WALLS										
4311.A23	--- MTL	TRANSITE SIDING	39857	SF								
4311.A3	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	237	CY		CONC		0.599	142	50.68	7,000	7,000
4311.A4		STRUCTURAL AND GALLERY STEEL										
4311.A41	SCR MTL	STRUCTURAL AND GIRT STEEL	1915	TN	-40.00	MTL	-77,000	1.016	1946	44.84	87,000	10,000
4311.A42	--- MTL	GALLERY GRATING	31470	SF								
4311.A5		PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF										
4311.A51	--- SLD	BOILER ROOM	6031	SF				0.011	66	55.80	4,000	4,000
4311.A52	--- SLD	TURBINE ROOM	6292	SF				0.011	69	55.80	4,000	4,000
4311.A53	--- SLD	CONTROL HOUSE										
4311.A54	--- SLD	MACHINE SHOP EXTENSION	7873	SF				0.011	87	55.80	5,000	5,000
4311.A55	--- SLD	AIR HEATER RM, MISC.	1955	SF				0.011	22	55.80	1,000	1,000
4311.A6	--- MTL	M/BLDG ELEVATOR	1	EA				90.000	90	45.40	4,000	4,000

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

311.4: UNIT 4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
4311.A7	--- MTL	M/BLDG HVAC	1	LS			225.000	225	45.40 WEQP	10,000	10,000
4311.A8	--- MTL	MAIN BUILDING ELECTRICAL	1	LS			337.500	338	45.40 WEQP	15,000	15,000
4311.A81	--- MTL	7.5KVA TO 30KVA TRANSFORMERS					INCL. ACCT. 4311.A8				
4311.A82	--- MTL	FIXTURES					INCL. ACCT. 4311.A8				
4311.A83	--- MTL	M/BLDG MISC. ELECTRICAL					INCL. ACCT. 4311.A8				
4311.A9	--- ASB	DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL									
4311.A91	--- ASB	TRANSITE WALL	39857	SF			0.360	14349	50.88 WMSR	730,000	730,000
4311.A92	--- ASB	TRANSITE SEWER PIPE					N/A				
4311.A93	--- ASB	TRANSITE CABLE TRAYS & CONDUITS					N/A				
TOTAL 311.4							-77,000		18,786	941,000	864,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.C21	--- SLD	PAVED SURFACES	8750	SY				0.120	1050	67.15	71,000	71,000
						PVMT				WSIT		
5311.C22	--- SLD	CONCRETE WALKWAYS	150	CY				0.525	79	50.68	4,000	4,000
						CONC				WCON		
5311.C23	--- SLD	CONCRETE CURBS	2000	LF				0.012	24	67.15	2,000	2,000
										WSIT		
5311.C3	--- MTL	FENCES AND GATES									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				112.500	113	67.15	8,000	8,000
										WSIT		
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				225.000	225	50.68	11,000	11,000
										WCON		
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	--- MTL	INTAKE CANAL SHEET PILING WALL									REMAIN IN PLACE	
						MTL						
5311.C73		INTAKE CANAL										
5311.C731	SIT SLD	INTAKE WELLS CLOSURE	1	LS	6000.00		6,000				13,000	19,000
5311.C732		INTAKE FILL - "VOID"	4800	CY							INCL. IN WRKG	
						VOID						
5311.C733	--- SLD	INTAKE STRUCTURE AND SEAWALL	300	CY				1.050	315	50.68	16,000	16,000
						CONC				WCON		
5311.C734	--- SLD	WOOD LOG BOOM STRUCTURE	2	EA				37.500	75	50.68	4,000	4,000
										WCON		
5311.C74		DISCHARGE CANAL AND DREDGING CHANNEL - "VOID" VOLUME	37000	CY							INCL. IN WRKG	
						VOID						

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
5311.C741	SIT SIT	DISCHARGE CLOSURE	1	LS	6000.00		6,000			9,000	15,000	
5311.C742	--- SLD	DISCHARGE STRUCTURE	100	CY		CONC		1.050	105	50.68 WCON	5,000	5,000
5311.C743	--- MTL	DISCHARGE CANAL SHEET PILING WALL				MTL		REMAIN IN PLACE				
5311.C8	--- DSL	MISCEL. SITE WORK AND MATERIAL HANDLING						INCL. IN WRKG				
5311.C81	--- DSL	MISC. ON-SITE "VOIDS" - PERFORATE CONCRETE FOR DRAINAGE, FILL W/DEBRIS						INCL. IN WRKG				
5311.C811	--- DSL	MAIN BUILDING BSMT	1185	CY		VOID						
5311.C812	--- DSL	CONCRETE PIPE TRENCH	300	CY		VOID						
5311.C813	--- DSL	CONCRETE CABLE TRENCHES AND TUNNEL	400	CY		VOID						
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	65000	CY		FILL		0.050	3250	67.15 WSIT	218,000	218,000
5311.C92	SIT SIT	SEED & MULCH SITE	20	AC	1000.00	SEED	20,000	19.275	386	67.15 WSIT	26,000	46,000
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 &	19500	CY		DISP		0.433	8444	104.87 DSLG	886,000	886,000
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL						N/A				
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1500	CY		DISP		0.090	135	109.45 DDBR	15,000	15,000
TOTAL 311.C								32,000		22,455	1,794,000	1,826,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
131		UNIT # 1							
1311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS							
1311.A		MAIN POWER BLOCK DEMOLITION (381,240 CF)							
1311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL							
1311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION						ABATED	
1312		BOILER PLANT							
1312.A	SCR MTL	BOILER AND APPURTENANCES 2 EA @ 140,000#/HR		TN		MTL		PREV. REMOVED WBLR	
1312.B		DRAFT EQUIPMENT							
1312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING		TN		MTL		PREV. REMOVED WEQP	
1312.B2	--- MTL	PRECIPITATOR						N/A	
1312.B3		ID, FD FANS & MOTORS						INCL. ACCT. 1312.A	
1312.B4	SCR MTL	REMOVAL OF STEEL STACK		TN		MTL		PREV. REMOVED WEQP	
1312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	120	CY		CONC	1.080	130 50.68 WCON	7,000 7,000
1312.C		FEED WATER SYSTEM							
1312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT		TN		MTL		PREV. REMOVED WEQP	
1312.C2		CONDENSATE TANKS						INCL. ACCT. 1316.B	
1312.D		WATER TREATMENT SYSTEM							
1312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT		TN		MTL		PREV. REMOVED WEQP	
1312.F		FUEL OIL EQUIPMENT						INCL. ACCT. 5312.F	
1312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	150	TN	-40.00	MTL	-6,000	2.025 304 45.40 WEQP	14,000 8,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE	WAGE RATE	
1312.N	---	REMOVAL OF ALL ASBESTOS								
	ASB	EQUIPMENT AND PIPING								
		INSULATION								
		TOTAL 312.1				-6,000		434	21,000	15,000

INCL. ACCT. 1311.A94

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
231		UNIT # 2										
2311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS										
2311.A		MAIN POWER BLOCK DEMOLITION (619,041 CF)										
2311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL										
2311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION							ABATED			
2312		BOILER PLANT										
2312.A	SCR MTL	BOILER AND APPURTENANCES (1 @ 300,000#/hr)		TN		MTL			PREV. REMOVED		WBLR	
2312.B		DRAFT EQUIPMENT										
2312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING		TN		MTL			PREV. REMOVED		WEQP	
2312.B2	--- MTL	PRECIPITATOR							N/A			
2312.B3		ID, FD FANS & MOTORS							INCL. ACCT. 2312.A			
2312.B4	SCR MTL	REMOVAL OF STEEL STACK		TN		MTL			PREV. REMOVED		WEQP	
2312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	120	CY		CONC		1.080	130	50.68	7,000	7,000
2312.C		FEED WATER SYSTEM										
2312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT		TN		MTL			PREV. REMOVED		WEQP	
2312.C2		CONDENSATE TANKS							INCL. ACCT. 2316			
2312.D		WATER TREATMENT SYSTEM										
2312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT		TN		MTL			PREV. REMOVED		WEQP	
2312.F		FUEL OIL EQUIPMENT							INCL. ACCT. 5312.F			
2312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	150	TN	-40.00	MTL	-6,000	2.025	304	45.40	14,000	8,000

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

312.2: UNIT 2 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
2312.N	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION										
		TOTAL 312.2					-6,000		434		21,000	15,000

INCL. ACCT. 2311.A94

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

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE
331		UNIT # 3								
3311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
3311.A		MAIN POWER BLOCK DEMOLITION (1,247,624 CF)								
3311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
3311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION	1 LS				ABATED			
3312		BOILER PLANT								
3312.A	SCR MTL	BOILER AND APPURTENANCES	1830 TN	-40.00 MTL	-73,000	2.025	3706	48.30 WBLR	179,000	106,000
3312.B		DRAFT EQUIPMENT								
3312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	135 TN	-40.00 MTL	-5,000	2.672	361	45.40 WEQP	16,000	11,000
3312.B2	--- MTL	PRECIPITATOR					N/A			
3312.B3		ID, FD FANS & MOTORS					INCL. ACCT. 3312.A			
3312.B4	SCR MTL	REMOVAL OF STEEL STACKS	100 TN	-40.00 MTL	-4,000	2.025	203	45.40 WEQP	9,000	5,000
3312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200 CY	CONC		1.080	216	50.68 WCON	11,000	11,000
3312.C		FEED WATER SYSTEM								
3312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100 TN	-40.00 MTL	-4,000	2.025	203	45.40 WEQP	9,000	5,000
3312.C2		CONDENSATE TANKS					INCL. ACCT. 3316.B			
3312.D		WATER TREATMENT SYSTEM								
3312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	60 TN	-40.00 MTL	-2,000	2.025	122	45.40 WEQP	6,000	4,000
3312.F		FUEL OIL EQUIPMENT					INCL. ACCT. 5312.F			
3312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	300 TN	-40.00 MTL	-12,000	2.025	608	45.40 WEQP	28,000	16,000

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

312.3: UNIT 3 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE	
3312.N	---	REMOVAL OF ALL ASBESTOS								
	ASB	EQUIPMENT AND PIPING								
		INSULATION								
		TOTAL 312.3					-100,000	5,419	258,000	158,000

INCL. ACCT. 3311.A94

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

312.4: UNIT 4 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			WAGE RATE
431		UNIT # 4								
4311		STRUCTURES AND IMPROVEMENTS - DEMOLITION AND MODIFICATIONS								
4311.A		MAIN POWER BLOCK DEMOLITION (1,757,348 CF)								
4311.A9		DEMOLITION AND REMOVAL OF M/BLDG HAZARDOUS MATERIAL								
4311.A94	--- ASB	REMOVAL OF ALL ASBESTOS EQUIPMENT AND PIPING INSULATION - PARTIALLY	1 LS				ABATED			
4312		BOILER PLANT								
4312.A	SCR MTL	BOILER AND APPURTENANCES	1840 TN	-40.00 MTL		-74,000	2.025 3726	48.30 WBLR	180,000	106,000
4312.B		DRAFT EQUIPMENT								
4312.B1	SCR MTL	FLUES AND DUCTS INCL. BREECHING	135 TN	-40.00 MTL		-5,000	2.672 361	45.40 WEQP	16,000	11,000
4312.B2	--- MTL	PRECIPITATOR					N/A			
4312.B3		ID, FD FANS & MOTORS					INCL. ACCT. 4312.A			
4312.B4	SCR MTL	REMOVAL OF STEEL STACKS - 2 EA	155 TN	-40.00 MTL		-6,000	2.025 314	45.40 WEQP	14,000	8,000
4312.B5	--- SLD	FOUNDATIONS (2 FT BELOW GRADE) FOR DRAFT EQUIPMENT	200 CY		CONC		1.080 216	50.68 WCON	11,000	11,000
4312.C		FEED WATER SYSTEM								
4312.C1	SCR MTL	FEED WATER DEAERATING EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.025 203	45.40 WEQP	9,000	5,000
4312.C2		CONDENSATE TANKS					INCL. ACCT. 4316.B			
4312.D		WATER TREATMENT SYSTEM								
4312.D1	SCR MTL	WATER TREATMENT, DEMINERAL., CHEMICAL TREATMENT EQUIPMENT	60 TN	-40.00 MTL		-2,000	2.025 122	45.40 WEQP	6,000	4,000
4312.F		FUEL OIL EQUIPMENT					INCL. ACCT. 5312.F			
4312.G	SCR MTL	BOILER PLANT PIPING AND HANGERS	300 TN	-40.00 MTL		-12,000	2.025 608	45.40 WEQP	28,000	16,000

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

312.4: UNIT 4 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR RATE	WAGE RATE		LABOR COST
4312.N	---	REMOVAL OF ALL ASBESTOS										
	ASB	EQUIPMENT AND PIPING										
		INSULATION										
		TOTAL 312.4					-103,000		5,550		264,000	161,000

INCL. ACCT. 4311.A94

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

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE		
531		COMMON FACILITIES							
5312.F		FUEL OIL EQUIPMENT							
5312.F1	SCR MTL	FUEL AND LUBE OIL STORAGE TANKS - 1 EA @ 200,000BRL, 1 EA @	1570 TN	-40.00 MTL	-63,000	2.672	4195 45.40 WEQP	190,000	127,000
5312.F2	SCR MTL	MISCELLANEOUS FUEL OIL EQUIPMENT	390 TN	-40.00 MTL	-16,000	2.672	1042 45.40 WEQP	47,000	31,000
5312.F3		FUEL OIL EQUIPMENT FOUNDATIONS					INCL. ACCT. 5311.B6		
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	300 TN	-40.00 MTL	-12,000	2.672	802 45.40 WEQP	36,000	24,000
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									
					-91,000		6,039	273,000	182,000

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

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
131		UNIT # 1										
1314		TURBINE PLANT										
1314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
1314.B1	SCR MTL	TURBINE GENERATOR		TN				PREV. REMOVED				
						MTL		WEQP				
1314.B2	SCR MTL	CONDENSER		TN				PREV. REMOVED				
						MTL		WEQP				
1314.B3	--- SLD	TURBINE PEDESTAL	400	CY				1.800	720	50.68	36,000	36,000
						CONC		WCON				
1314.B4		TURBINE PLANT PIPING AND HANGERS						INCL. ACCT. 1312.G				
1314.C		CIRCULATING WATER SYSTEM										
1314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	80	TN	-40.00		-3,000	2.025	162	45.40	7,000	4,000
						MTL		WEQP				
1314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				480.000	480	50.68	24,000	24,000
								WCON				
1314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 1314.C1				
1314.C4	--- MTL	12 TN GANTRY CRANE		TN				INCL. ACCT. 3314.C4				
						MTL						
1314.C5		COOLING WATER TOWER						N/A				
		TOTAL 314.1					-3,000		1,362		67,000	64,000

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

314.2: UNIT 2 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR
231		UNIT # 2								
2314		TURBINE PLANT								
2314.B		TURBINE GENERATOR UNIT AND ACCESSORIES								
2314.B1	SCR MTL	TURBINE GENERATOR		TN				PREV. REMOVED WEQP		
2314.B2	SCR MTL	CONDENSER		TN				PREV. REMOVED WEQP		
2314.B3	--- SLD	TURBINE PEDESTAL	400	CY				1.800 720 50.68 WCON	36,000 36,000	
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.	80	TN	-40.00		-3,000	2.025 162 45.40 WEQP	7,000 4,000	
2314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				480.000 480 50.68 WCON	24,000 24,000	
2314.C3	--- MTL	INTAKE RACKS, MISC.						INCL. ACCT. 2314.C1		
2314.C4	--- MTL	12 TN GANTRY CRANE		TN				INCL. ACCT. 3314.C4		
2314.C5		COOLING WATER TOWER						N/A		
TOTAL 314.2							-3,000	1,362	67,000	64,000

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

314.3: UNIT 3 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
331		UNIT # 3										
3314		TURBINE PLANT										
3314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
3314.B1	SCR MTL	TURBINE GENERATOR	480	TN	-40.00 MTL		-19,000	2.025	972	45.40 WEQP	44,000	25,000
3314.B2	SCR MTL	CONDENSER	220	TN	-40.00 MTL		-9,000	2.025	446	45.40 WEQP	20,000	11,000
3314.B3	--- SLD	TURBINE PEDESTAL	746	CY		CONC		1.800	1343	50.68 WCON	68,000	68,000
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.	150	TN	-40.00 MTL		-6,000	2.025	304	45.40 WEQP	14,000	8,000
3314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				562.500	563	50.68 WCON	29,000	29,000
3314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 3314.C1		
3314.C4	SCR MTL	12 TN GANTRY CRANE	30	TN	-40.00 MTL		-1,000	2.025	61	45.40 WEQP	3,000	2,000
3314.C5		COOLING WATER TOWER								N/A		
		TOTAL 314.3					-35,000		3,689		178,000	143,000

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

314.4: UNIT 4 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
431		UNIT # 4									.	
4314		TURBINE PLANT										
4314.B		TURBINE GENERATOR UNIT AND ACCESSORIES										
4314.B1	SCR MTL	TURBINE GENERATOR	480	TN	-40.00 MTL		-19,000	2.025	972	45.40 WEQP	44,000	25,000
4314.B2	SCR MTL	CONDENSER	220	TN	-40.00 MTL		-9,000	2.025	446	45.40 WEQP	20,000	11,000
4314.B3	--- SLD	TURBINE PEDESTAL	805	CY		CONC		1.800	1449	50.68 WCON	73,000	73,000
4314.B4		TURBINE PLANT PIPING AND HANGERS								INCL. ACCT. 4312.G		
4314.C		CIRCULATING WATER SYSTEM										
4314.C1	SCR MTL	CIRCULATING WATER SYSTEM EQUIPMENT - PUMPS, MOTORS, SWITCHGEAR, TRAV.	150	TN	-40.00 MTL		-6,000	2.025	304	45.40 WEQP	14,000	8,000
4314.C2	--- SLD	CIRCULATING WATER SYSTEM PIPING AND TUNNELS	1	LS				562.500	563	50.68 WCON	29,000	29,000
4314.C3	--- MTL	INTAKE RACKS, MISC.								INCL. ACCT. 4314.C1		
4314.C4	--- MTL	12 TN GANTRY CRANE				MTL				INCL. ACCT. 3314.C4		
4314.C5		COOLING WATER TOWER								N/A		
TOTAL 314.4							-34,000		3,734		180,000	146,000

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

315.1: UNIT 1 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
131		UNIT # 1										
1315		ACCESSORY ELECTRICAL EQUIPMENT										
1315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT		TN		MTL		PREV REMOVED		WEQP		
1315.B		CABLE TRAYS & DUCTRUNS						INCL. ACCT. 5311.C				
1315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	80	CY		CONC		1.080	86	50.68 WCON	4,000	4,000
1317		SCRAP VALUE										
1317.B	SCR SCR	SCRAP VALUE OF COPPER	2000	LB	-0.50	SCRC					-1,000	-1,000
		TOTAL 315.1							86		4,000	3,000

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

315.2: UNIT 2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST	
					RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE
231		UNIT # 2									
2315		ACCESSORY ELECTRICAL EQUIPMENT									
2315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT		TN		MTL			PREV REMOVED WEQP		
2315.B		CABLE TRAYS & DUCTRUNS							INCL. ACCT. 5311.C		
2315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	80	CY		CONC		1.080	86 50.68 WCON	4,000 4,000	
2317		SCRAP VALUE									
2317.B	SCR SCR	SCRAP VALUE OF COPPER	2000	LB	-0.50	SCRC				-1,000 -1,000	
TOTAL 315.2											-1,000 86 4,000 3,000

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

315.3: UNIT 3 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHRS		WAGE RATE	LABOR COST
331		UNIT # 3								
3315		ACCESSORY ELECTRICAL EQUIPMENT								
3315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	110 TN	-40.00 MTL		-4,000	2.672 294	45.40 WEQP	13,000	9,000
3315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C			
3315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	160 CY		CONC		1.080 173	50.68 WCON	9,000	9,000
3317		SCRAP VALUE								
3317.B	SCR SCR	SCRAP VALUE OF COPPER	40000 LB	-0.50 SCRC		-20,000				-20,000
		TOTAL 315.3				-24,000		467	22,000	-2,000

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

315.4: UNIT 4 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		LABOR COST	TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR			
431		UNIT # 4								
4315		ACCESSORY ELECTRICAL EQUIPMENT								
4315.A	SCR MTL	GENERATOR BUS TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	110 TN	-40.00 MTL		-4,000	2.672 294	45.40 WEQP	13,000	9,000
4315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C			
4315.C	--- SLD	TRANSFORMER FOUNDATIONS & FIRE WALLS, CURBS, PIERS, BASIN INCL. TRANSFER CAR	160 CY		CONC		1.080 173	50.68 WCON	9,000	9,000
4317		SCRAP VALUE								
4317.B	SCR SCR	SCRAP VALUE OF COPPER	40000 LB	-0.50 SCRC		-20,000				-20,000
TOTAL 315.4						-24,000	467		22,000	-2,000

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

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS	
531		COMMON FACILITIES						
5315		ACCESSORY ELECTRICAL EQUIPMENT						
5315.A	SCR MTL	STATION AUXILIARY TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	60 TN	-40.00 MTL	-2,000	2.672	160 45.40 WEQP	7,000 5,000
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.7	
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	50 CY	CONC		1.080	54 50.68 WCON	3,000 3,000
5317		SCRAP VALUE						
5317.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC	-15,000			-15,000
TOTAL 315.C					-17,000		214 10,000	-7,000

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

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
131		UNIT # 1										
1316		MISCELLANEOUS POWER PLANT EQUIPMENT										
1316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	70	TN	-40.00 MTL		-3,000	2.025	142	45.40 WEQP	6,000	3,000
1316.B	SCR MTL	MISC. SMALL TANKS	30	TN	-40.00 MTL		-1,000	2.672	80	45.40 WEQP	4,000	3,000
1316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/15 TON	1	EA				262.500	263	44.84 WSTL	12,000	12,000
1316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				187.500	188	45.40 WEQP	9,000	9,000
		TOTAL 316.1					-4,000		673		31,000	27,000

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

316.2: UNIT 2 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	
231		UNIT # 2								
2316		MISCELLANEOUS POWER PLANT EQUIPMENT								
2316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	TN		MTL			PREV. REMOVED WEQP		
2316.B	SCR MTL	MISC. SMALL TANKS	TN		MTL			PREV. REMOVED WEQP		
2316.C	--- MTL	TURBINE ROOM D.H. CRANE 75/15 TON						INCL. ACCT. 1316.C		
2316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT			187.500	188 45.40 WEQP	9,000	9,000
		TOTAL 316.2						188	9,000	9,000

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

316.3: UNIT 3 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE RATE		LABOR COST	
331		UNIT # 3									
3316		MISCELLANEOUS POWER PLANT EQUIPMENT									
3316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	145	TN	-40.00 MTL	-6,000	2.025	294	45.40 WEQP	13,000	7,000
3316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-40.00 MTL	-2,000	2.672	134	45.40 WEQP	6,000	4,000
3316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/15 TON						INCL. ACCT. 1316.C			
3316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT			262.500	263	45.40 WEQP	12,000	12,000
TOTAL 316.3						-8,000		691		31,000	23,000

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

316.4: UNIT 4 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
431		UNIT # 4										
4316		MISCELLANEOUS POWER PLANT EQUIPMENT										
4316.A	SCR MTL	MISCELLANEOUS POWER PLANT EQUIPMENT	145	TN	-40.00 MTL		-6,000	2.025	294	45.40 WEQP	13,000	7,000
4316.B	SCR MTL	MISC. SMALL TANKS	50	TN	-40.00 MTL		-2,000	2.672	134	45.40 WEQP	6,000	4,000
4316.C	--- MTL	TURBINE ROOM O.H. CRANE 75/15 TON								INCL. ACCT. 1316.C		
4316.G	--- MTL	BALANCE OF PLANT PIPING AND HANGERS	1	LT				262.500	263	45.40 WEQP	12,000	12,000
TOTAL 316.4							-8,000		691		31,000	23,000

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

341.C: PEAKERS COMMON FACILITIES -
STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
631		STATION PEAKERS COMMON FACILITIES										
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION										
6311.1		COMB. TURBINE STRUCTURE DEMOLITION									INCL. ACCTS 610,611	
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION										
6311.21		SITE EXCAVATION									INCL. ACCT. 5311.A	
6311.22		ROADS & PAVEMENTS										
6311.221	---	PAVED SURFACES - GRAVEL & ASPHALT PVMT	6300	SY				0.120	756	67.15	51,000	51,000
	SLD									WSIT		
6311.222	---	CONCRETE WALKWAYS	140	CY				0.525	74	50.68	4,000	4,000
	SLD									WCON		
6311.23	---	FENCES AND GATES	1000	LF				0.025	25	67.15	2,000	2,000
	SIT									WSIT		
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	---	MISC. SITE BUILDINGS	2000	CF				0.006	12	50.88	1,000	1,000
	SLD									WMSR		
6311.32	---	TANK FOUNDATIONS	220	CY				1.125	248	50.68	13,000	13,000
	SLD									WCON		
6311.33	---	MISC. EQUIPMENT AND SITE BUILDINGS FOUNDATIONS	120	CY				1.125	135	50.68	7,000	7,000
	SLD									WCON		
6311.4		OFF-SITE DISPOSAL										INCL. ACCT. 7311.C8
6311.5		SITE FILL AND LANDSCAPING										
6311.51	---	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	22600	CY				0.050	1130	67.15	76,000	76,000
	SIT									WSIT		
6311.52	SIT	SEED & MULCH SITE	7	AC	1000.00			19.275	135	67.15	9,000	16,000
	SIT				SEED					WSIT		
TOTAL 341.C								7,000		2,515	163,000	170,000

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

341.P1: PEAKERS 1-2 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1-2									
6101.1		COMB. TURBINE STRUCTURE DEMOLITION									
6101.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	350 CY		CONC		1.125	394	50.68 WCON	20,000	20,000
		TOTAL 341.P1						394		20,000	20,000

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

341.P2: PEAKERS 3-4 - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
611		STATION PEAKERS 3-4										
6111.1		COMB. TURBINE STRUCTURE DEMOLITION										
6111.11	--- SLD	COMB.TURBINE FOUNDATIONS -COMMON MAT AND PEDESTALS	1250	CY		CONC		1.125	1406	50.68	71,000	71,000
		TOTAL 341.P2							1,406		71,000	71,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE
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 - 1 EA - 200,000BRL, 1 - 20,000BRL	1255	TN	-40.00 MTL	-50,000	2.672	3353	45.40 WEQP	152,000	102,000
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 2000LF - 2-OIL, 1-STEAM	160	TN	-40.00 MTL	-6,000	2.025	324	45.40 WEQP	15,000	9,000
		TOTAL 342.C				-56,000		3,677		167,000	111,000

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

344.P1: PEAKERS 1-2 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
610		STATION PEAKERS 1-2									
6102.1		COMBUSTION TURBINES 1-2									
6102.11	SCR MTL	COMBUSTION TURBINES GE 2EA @ 19.3MW	450 TN	-40.00 MTL		-18,000	3.570	1607	45.40 WEQP	73,000	55,000
TOTAL 344.P1						-18,000		1,607		73,000	55,000

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

344.P2: PEAKERS 3-4 - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
611		STATION PEAKERS 3-4									
6112.1		COMBUSTION TURBINES 3-4									
6112.11	SCR MTL	COMBUSTION TURBINES WESTING. 2EA @ 71.2MW	1050 TN	-40.00 MTL		-42,000	3.570	3749	45.40 WEQP	170,000	128,000
TOTAL 344.P2						-42,000		3,749		170,000	128,000

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

345.P1: PEAKERS 1-2 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
610		STATION PEAKERS 1-2									
6102.1		COMBUSTION TURBINES 1-2									
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	100 TN	-40.00 MTL		-4,000	3.570	357	45.40 WEQP	16,000	12,000
6107		SCRAP VALUE									
6107.B	SCR SCR	SCRAP VALUE OF COPPER	10000 LB	-0.50 SCRC		-5,000					-5,000
TOTAL 345.P1						-9,000		357		16,000	7,000

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

345.P2: PEAKERS 3-4 - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
611		STATION PEAKERS 3-4									
6112.1		COMBUSTION TURBINES 3-4									
6112.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	200 TN	-40.00 MTL		-8,000	3.570	714	45.40 WEQP	32,000	24,000
6117		SCRAP VALUE									
6117.B	SCR SCR	SCRAP VALUE OF COPPER	20000 LB	-0.50 SCRC		-10,000					-10,000
TOTAL 345.P2						-18,000		714		32,000	14,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES							
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				173,000	173,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				33,000	33,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				270,000	270,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				5,000	5,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				216,000	216,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				281,000	281,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				162,000	162,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						1,157,000	1,157,000

Sargent & Lundy
Chicago

ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
TURNER UNITS 1, 2, 3, 4, AND PEAKERS
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 48
Estimate No: 16427E
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 18MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DASH	0	0
DDBR	135	15,000
DSLQ	8,444	886,000
WBLR	7,432	359,000
WCON	17,111	868,000
WEQP	29,009	1,312,000
WMSR	34,025	1,733,000
WROF	515	28,000
WSIT	12,089	814,000
WSTL	4,612	207,000
TOTAL	113,372	6,222,000

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

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	371,100 CF	0
CONC	13,942 CY	0
DISP	21,000 CY	0
EXC	72,500 CY	0
FENC	1,000 LF	0
FILL	87,600 CY	0
MTL	17,830 TN	-710,000
PVMT	15,050 SY	0
SCRC	144,000 LB	-72,000
SCRM	16,655 TN	0
SEED	27 AC	27,000
TRNS	85,445	0
VOID	43,685 CY	0
TOTAL		-755,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
COGENERATION PLANT

SARGENT & LUNDY

ESTIMATE NO. 16428C
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

Allyson for L. KOTM

APPROVED BY:

[Signature]

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

FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16428C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	COGENERATING PLANT		-70,000	350,000	280,000
631	COGENERATING PLANT COMMON FACILITIES		-15,000	110,000	95,000
731	OFF-SITE DISPOSAL			10,000	10,000
	TOTAL CONSTRUCTION COSTS		-85,000	470,000	385,000
	INDIRECT EXPENSES				570,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				143,000
	TOTAL PROJECT COST AFUDC				1,098,000
	GRAND TOTAL COST				1,098,000

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%

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

FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16428C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			10,000	10,000
IND	INDIRECT COSTS			570,000	570,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			211,000	211,000
SCR	SCRAP VALUE		-86,000		-86,000
SIT	SITE WORK		1,000	29,000	30,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			220,000	220,000
TOTAL CONSTRUCTION COSTS			-85,000	1,040,000	955,000

INDIRECT EXPENSES (included above)
ESCALATION
SALES/USE TAX
CONTINGENCY 143,000

TOTAL PROJECT COST 1,098,000
AFUDC

GRAND TOTAL COST 1,098,000

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%

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

FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16428C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	COGEN. PLANT COMMON SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		1,000	75,000	76,000
341.P	COGEN. PLANT - STRUCTURES AND IMPROVEMENTS		-10,000	195,000	185,000
342.C	COGEN. PLANT COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-16,000	45,000	29,000
342.P	COGEN. PLANT - BOILER PLANT (HRSG) EQUIPMENT		-32,000	103,000	71,000
344.P	COGEN. PLANT - GAS TURBINE PLANT		-9,000	36,000	27,000
345.P	COGEN. PLANT - ACCESSORY ELECTRICAL EQUIPMENT		-19,000	16,000	-3,000
IND	INDIRECT EXPENSES			570,000	570,000
	TOTAL CONSTRUCTION COSTS		-85,000	1,040,000	955,000

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

FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Estimate Date: 18MAY00

Price level: 2000

341.C: COGEN. PLANT COMMON SITE FACILITIES
- STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***			*** L A B O R ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE		LABOR COST
631		COGENERATING PLANT COMMON FACILITIES										
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION										
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION										
6311.21		SITE EXCAVATION										
6311.213	---	BORROW EXCAVATION	3750	CY				0.060	225	67.15	15,000	15,000
	SIT				EXC					WSIT		
6311.214	---	FILL	3750	CY								
	SIT											
6311.22		ROADS & PAVEMENTS										
6311.221	---	PAVED SURFACES	1000	SY				0.120	120	67.15	8,000	8,000
	SLD				PVMT					WSIT		
6311.222	---	CONCRETE PAVEMENT & WALKWAYS	150	CY				0.525	79	50.68	4,000	4,000
	SLD				CONC					WCON		
6311.23	---	FENCES AND GATES										
	SIT											
6311.24	---	R/R TRACKS SIDING										
	MTL											
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	---	MISC. SITE BUILDINGS										
	SLD											
6311.311	---	ADMIN. BUILDING										
	SLD											
6311.312	---	WATER TREATMENT BUILDING										
	SLD											
6311.32	---	MISC. EQUIPMENT AND TANK FOUNDATIONS & BERMS	195	CY				1.125	219	50.68	11,000	11,000
	SLD				CONC					WCON		
6311.33	---	CONCRETE CONTAINMENT STRUCTURE	235	CY				1.125	264	50.68	13,000	13,000
	SLD				CONC					WCON		

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

341.C: COGEN. PLANT COMMON SITE FACILITIES
- STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
6311.34	--- SLD	TRANSFORMER FOUNDATIONS										
								INCL. ACCT. 6311.11		*		
6311.5		SITE FILL AND LANDSCAPING										
6311.51	--- SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	3750	CY		FILL		0.050	188	67.15 WSIT	13,000	13,000
6311.52	SIT SIT	SEED & MULCH SITE	1	AC	1000.00	SEED	1,000	19.275	19	67.15 WSIT	1,000	2,000
7311.4		OFF-SITE DISPOSAL										
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &							N/A			
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	109.45 DDBR	10,000	10,000
		TOTAL 341.C					1,000		1,204		75,000	76,000

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

341.P: COGEN. PLANT - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST	
610		COGENERATING PLANT											
6101.1		MAIN POWER BLOCK DEMOLITION (813,000 CF)											
6101.11	--- SLD	BUILDING FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	3010	CY		CONC	0.844	2540	50.68 WCON	129,000	129,000		
6101.12	--- SLD	MASONRY WALLS - PRECAST CONCRETE BLOCK	21600	SF		MSRY	0.008	173	50.88 WMSR	9,000	9,000		
6101.13	--- SLD	ELEVATED CONCRETE FLOORS, STAIRS, ROOFS	350	CY		CONC	0.599	210	50.68 WCON	11,000	11,000		
6101.14		STRUCTURAL AND GALLERY STEEL											
6101.141	SCR MTL	STRUCTURAL AND GIRT STEEL	250	TN	-40.00	MTL	1.016	254	44.84 WSTL	11,000	1,000		
6101.142	--- MTL	GALLERIES				GALL			INCL. ACCT. 6101.141 WSTL				
6101.15	--- SLD	PRECAST CONCRETE CHANNEL & LW CONCRETE ROOF	27100	SF		ROOF	0.011	298	55.80 WROF	17,000	17,000		
6101.151	--- SLD	CT & ADMIN. BUILDING	16100	SF			0.011	177	55.80 WROF	10,000	10,000		
6101.152	--- SLD	HRSG BUILDING	6000	SF			0.011	66	55.80 WROF	4,000	4,000		
6101.153	--- SLD	WATER TREATMENT BUILDING	3000	SF			0.011	33	55.80 WROF	2,000	2,000		
6101.154	--- SLD	MISCELLANEOUS AREAS	3000	SF			0.011	33	55.80 WROF	2,000	2,000		
TOTAL 341.P										-10,000	3,784	195,000	185,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
631		COGENERATING PLANT COMMON FACILITIES										
6312		EQUIPMENT										
6312.3		FUEL OIL SYSTEM										
6312.31	--- MTL	FUEL OIL STORAGE TANKS - 4 EA						N/A				
6312.32	SCR MTL	MISC. TANKS AND PUMPS	100	TN	-40.00 MTL		-4,000	2.672	267	45.40 WEQP	12,000	8,000
6312.4	SCR MTL	WATER TREATMENT SYSTEM & DEMIN. SYSTEM	150	TN	-40.00 MTL		-6,000	2.672	401	45.40 WEQP	18,000	12,000
6312.5	SCR MTL	AIR FILTER HOUSE	40	TN	-40.00 MTL		-2,000	2.672	107	45.40 WEQP	5,000	3,000
6312.6	SCR MTL	MISC. PIPING	60	TN	-40.00 MTL		-2,000	2.025	122	45.40 WEQP	6,000	4,000
6312.7	SCR MTL	PIPING BRIDGE	40	TN	-40.00 MTL		-2,000	2.025	81	45.40 WEQP	4,000	2,000
		TOTAL 342.C					-16,000		978		45,000	29,000

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

342.P: COGEN. PLANT - BOILER PLANT (HRSG)
EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***		*** L A B O R ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR		WAGE RATE
610		COGENERATING PLANT								
6102.2	SCR MTL	PACKAGE HRSG, AND AUX. EQUIPMENT	800	TN	-40.00 MTL		-32,000	2.672 2138	48.30 WBLR	103,000 71,000
		TOTAL 342.P					-32,000	2,138		103,000 71,000

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

344.P: COGEN. PLANT - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE	LABOR COST
610		COGENERATING PLANT									
6102.1		COMBUSTION TURBINES									
6102.11	SCR MTL	COMBUSTION TURBINE GE 1EA @ 40MW, LM6000	225	TN	-40.00 MTL		-9,000	3.570 803	45.40 WEGP	36,000	27,000
TOTAL 344.P							-9,000	803		36,000	27,000

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

345.P: COGEN. PLANT - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
610		COGENERATING PLANT									
6102.1		COMBUSTION TURBINES									
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	100 TN	-40.00 MTL		-4,000	3.570	357	45.40 WEQP	16,000	12,000
6107		SCRAP VALUE									
6107.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC		-15,000					-15,000
		TOTAL 345.P				-19,000		357		16,000	-3,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
900	---	INDIRECT EXPENSES							
	IND								
900.1	---	FPC INDIRECT EXPENSES	1	LS					
	IND								
900.11	---	FPC ENGINEERING ALLOCATION	1	LS				86,000	86,000
	IND								
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS				2,000	2,000
	IND								
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS				135,000	135,000
	IND								
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS				1,000	1,000
	IND								
900.15	---	FPC SUPERVISION	1	LS				108,000	108,000
	IND								
900.16	---	SECURITY SERVICES	1	LS				140,000	140,000
	IND								
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS				81,000	81,000
	IND								
900.18	---	PERMITS	1	LS				17,000	17,000
	IND								
		TOTAL IND						570,000	570,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
UNIVERSITY OF FLORIDA
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 12
Estimate No: 16428C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 18MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
=====	=====	=====
DDBR	90	10,000
WBLR	2,138	103,000
WCON	3,312	168,000
WEQP	2,138	97,000
WMSR	173	9,000
WROF	607	35,000
WSIT	552	37,000
WSTL	254	11,000
TOTAL	9,264	470,000

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

TYPE CODE	QUANTITY UM	DOLLARS
CONC	3,940 CY	0
DISP	1,000 CY	0
EXC	3,750 CY	0
FILL	3,750 CY	0
GALL	0	0
MSRY	21,600 SF	0
MTL	1,765 TN	-71,000
PVMT	1,000 SY	0
ROOF	27,100 SF	0
SCRC	30,000 LB	-15,000
SCRM	1,765 TN	0
SEED	1 AC	1,000
TOTAL		-85,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
SYSTEMS FUEL TERMINAL
BARTOW-ANCLOTE OIL PIPELINE

SARGENT & LUNDY

ESTIMATE NO. 16429C
PROJECT NO. 9991-003
June 16, 2000

REVIEWED BY:

APPROVED BY:

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Chicago

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

FLORIDA POWER CORPORATION
SYSTEMS FUEL TERMINAL
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 16429C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16JUN00

Price Level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
531	BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES		-297,000	3,843,000	3,546,000
731	OFF-SITE DISPOSAL			2,041,000	2,041,000
	TOTAL CONSTRUCTION COSTS		-297,000	5,884,000	5,587,000
	INDIRECT EXPENSES				598,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				928,000
	TOTAL PROJECT COST AFUDC				7,113,000
	GRAND TOTAL COST				7,113,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
SYSTEMS FUEL TERMINAL
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 16429C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 16JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
ASB	ASBESTOS, TRANSITE			500,000	500,000
DSL	OFF-SITE DISPOSAL			2,041,000	2,041,000
IND	INDIRECT COSTS			598,000	598,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			1,374,000	1,374,000
SCR	SCRAP VALUE		-330,000		-330,000
SIT	SITE WORK		33,000	1,795,000	1,828,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			174,000	174,000
TOTAL CONSTRUCTION COSTS			-297,000	6,482,000	6,185,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					928,000
TOTAL PROJECT COST					7,113,000
AFUDC					
GRAND TOTAL COST					7,113,000

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%

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

FLORIDA POWER CORPORATION
SYSTEMS FUEL TERMINAL
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 16429C
Project No: 9991-003
Prepared by: KSZ/ /
Estimate Date: 16JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
311.1	UNIT 1 - STRUCTURES AND IMPROVEMENTS				
311.C	COMMON SITE FACILITIES		33,000	4,007,000	4,040,000
312.1	UNIT 1 - BOILER PLANT			500,000	500,000
312.C	MATERIAL HANDLING - COMMON FACILITIES		-310,000	1,347,000	1,037,000
314.1	UNIT 1 - TURBINE PLANT		-1,000	2,000	1,000
315.C	COMMON - ACCESSORY ELECTRICAL EQUIPMENT		-19,000	15,000	-4,000
316.1	UNIT 1 - MISC. POWER PLANT EQUIPMENT			13,000	13,000
IND	INDIRECT EXPENSES			598,000	598,000
	TOTAL CONSTRUCTION COSTS		-297,000	6,482,000	6,185,000

FERC ACCOUNTS DETAILS

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS	WAGE RATE
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES									
5311		COMMON FACILITIES									
5311.A		SITE EXCAVATION									
5311.A1	--- SIT	EXCAVATE 5' DEEP TO REMOVE PIPELINE	166000	CY		EXC	0.060	9960	67.15	669,000	669,000
5311.A3	--- SIT	OILY SAND AND SOIL UNDER TANK FARMS & OIL PIPES - 2' DEEP	40400	CY		EXC	INCL. ACCT. 7311.C82				
5311.A4	--- SIT	BERMS AND DIKES EXCAVATION	15000	CY			0.060	900	67.15	60,000	60,000
5311.A5	--- SIT	BORROW EXCAVATION					NOT REQUIRED				
5311.A6	--- SIT	FILL	166000	CY		FILL	0.060	9960	67.15	669,000	669,000
5311.8		OUTLYING STRUCTURES DEMOLITION									
5311.B4		MISCELLANEOUS OUTLYING BUILDINGS									
5311.B41	--- SLD	DOCK SERVICE BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	11000	CF		BLDG	0.006	66	47.11	3,000	3,000
5311.B42	--- SLD	CONTROL BUILDING - STEEL FRAME /CONCRETE BLOCK BUILDING	4000	CF		BLDG	0.006	24	47.11	1,000	1,000
5311.B43	--- SLD	PUMPHSE - STEEL FRAME /CONCRETE BLOCK BUILDING	91300	CF		BLDG	0.006	548	50.88	28,000	28,000
5311.B44	--- SLD	BOILER HOUSE - STEEL FRAME /CONCRETE BLOCK BUILDING	27500	CF		BLDG	0.006	165	50.88	8,000	8,000
5311.B5	--- SLD	MISCELLANEOUS EQUIPMENT PADS AND SITE BUILDINGS FOUNDATIONS	900	CY		CONC	1.125	1013	50.68	51,000	51,000
5311.B6	--- SLD	TANK FOUNDATIONS & CONCRETE BERMS	600	CY		CONC	0.563	338	50.68	17,000	17,000
5311.87		COOLING TOWER COMMON STRUCTURES - DISCHARGE FLUME, MIXING STRUCTURE,					INCL. ACCT. 5311.B5				

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST
5311.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	5630	SY		PVMT		0.120	676	67.15 WSIT	45,000	45,000
5311.C22	--- SLD	CONCRETE WALKWAYS	60	CY		CONC		0.525	32	50.68 WCON	2,000	2,000
5311.C23	--- SLD	CONCRETE CURBS	6000	LF				0.012	72	67.15 WSIT	5,000	5,000
5311.C3	--- MTL	FENCES AND GATES								REMAIN IN PLACE		
5311.C4		YARD DRAINAGE								ABANDON IN PLACE		
5311.C5		FIRE LINES & HYDRANTS										
5311.C51		UNDERGROUND MISC. PIPING								ABANDON IN PLACE		
5311.C6	--- SLD	OUTDOOR LIGHTING	1	LS				225.000	225	50.68 WCON	11,000	11,000
5311.C61	--- SLD	PRESTRESSED CONCRETE AND FLOODLIGHT POLES	25	EA						INCL. ACCT. 5311.C6		
5311.C62		CABLE AND CONDUIT								ABANDON IN PLACE		
5311.C7		DOCKS								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.C812	--- DSL	PIPE TRENCH	166000	CY		VOID				INCL. IN WRKG		
5311.C9		SITE FILL AND LANDSCAPING										
5311.C91	--- SIT	COVER DISTURBED AREAS OF SITE AND PIPES WITH 2 FT. OF SOIL	105500	CY		FILL		0.050	5275	67.15 WSIT	354,000	354,000
5311.C92	SIT SIT	SEED & MULCH SITE	33	AC	1000.00 SEED		33,000	19.275	636	67.15 WSIT	43,000	76,000

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

311.C: COMMON SITE FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST			
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS	WAGE RATE		LABOR COST		
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 &	40400 CY		DISP		0.433	17493	104.87 DSL	1,834,000 1,834,000			
7311.C823	--- DSL	EXCESS OF SOLID DEBRIS - INSULATED C.S. FUEL OIL PIPE - TRANSPORT &	20000 CY		DISP		0.090	1800	109.45 DDBR	197,000 197,000			
7311.C824	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	1000 CY		DISP		0.090	90	109.45 DDBR	10,000 10,000			
TOTAL 311.C										33,000	49,273	4,007,000	4,040,000

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

312.1: UNIT 1 - BOILER PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNRS
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES								
5312.F		FUEL OIL EQUIPMENT								
5312.F5		DEMOLITION AND REMOVAL OF HAZARDOUS MATERIAL								
5312.F52	--- ASB	ALLOWANCE FOR DECONTAMINATION OF SOIL AND GROUND WATER UNDER	1	LS					500,000	500,000
		TOTAL 312.1							500,000	500,000

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

312.C: MATERIAL HANDLING - COMMON FACILITIES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES								
5312.F		FUEL OIL EQUIPMENT								
5312.F1	SCR MTL	FUEL OIL STORAGE TANKS - 2 EA @ 250,000BRL	2200 TN	-40.00 MTL		-88,000	2.672 5878	45.40 WEQP	267,000	179,000
5312.F2	SCR MTL	PACKAGE BOILER, DEAERATOR, MISCELLANEOUS FUEL OIL EQUIPMENT	400 TN	-40.00 MTL		-16,000	2.672 1069	45.40 WEQP	49,000	33,000
5312.F3	SCR MTL	14" DIA FUEL OIL PIPELINE - 34 MI.	5000 TN	-40.00 MTL		-200,000	4.463 22315	45.40 WEQP	1,013,000	813,000
5312.F4		FUEL OIL EQUIPMENT FOUNDATIONS					INCL.ACCT.4311.B5,B6			
5312.J	SCR MTL	MISCEL. STORAGE TANKS AND PUMPS	145 TN	-40.00 MTL		-6,000	2.672 387	45.40 WEQP	18,000	12,000
		TOTAL 312.C				-310,000		29,649	1,347,000	1,037,000

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

314.1: UNIT 1 - TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***		*** L A B O R ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE	WAGE RATE	LABOR COST
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES										
5316		MISCELLANEOUS EQUIPMENT										
5316.A	SCR MTL	8 TON GANTRY CRANE	16	TN	-40.00 MTL		-1,000	2.672	43	45.40 WEQP	2,000	1,000
		TOTAL 314.1					-1,000		43		2,000	1,000

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

315.C: COMMON - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR RATE
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES							
5315		ACCESSORY ELECTRICAL EQUIPMENT							
5315.A	SCR MTL	STEP-UP TRANSFORMERS AND MISC. ELECTRICAL EQUIPMENT	100 TN	-40.00 MTL		-4,000	2.672 267	45.40 WEQP 12,000	8,000
5315.B		CABLE TRAYS & DUCTRUNS					INCL. ACCT. 5311.C		
5315.C	--- SLD	TRANSFORMER YARD FOUNDATIONS, FIRE WALLS, PIERS, CURBS	50 CY		CONC		1.080 54	50.68 WCON 3,000	3,000
5317		SCRAP VALUE							
5317.B	SCR SCR	SCRAP VALUE OF COPPER	30000 LB	-0.50 SCRC		-15,000			-15,000
TOTAL 315.C						-19,000	321	15,000	-4,000

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

316.1: UNIT 1 - MISC. POWER PLANT EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
531		BARTOW-ANCLOTE OIL PIPELINE - COMMON FACILITIES									
5316		MISCELLANEOUS EQUIPMENT									
5316.B	--- MTL	BALANCE PIPING AND HANGERS	1	LT			281.250	281	45.40 WEQP	13,000	13,000
		TOTAL 316.1						281		13,000	13,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR
900	---	INDIRECT EXPENSES								
	IND									
900.1	---	FPC INDIRECT EXPENSES	1	LS						
	IND									
900.11	---	FPC ENGINEERING ALLOCATION	1	LS					86,000	86,000
	IND									
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS					27,000	27,000
	IND									
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS					135,000	135,000
	IND									
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS					4,000	4,000
	IND									
900.15	---	FPC SUPERVISION	1	LS					108,000	108,000
	IND									
900.16	---	SECURITY SERVICES	1	LS					140,000	140,000
	IND									
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS					81,000	81,000
	IND									
900.18	---	PERMITS	1	LS					17,000	17,000
	IND									
		TOTAL IND							598,000	598,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
SYSTEMS FUEL TERMINAL
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 14
Estimate No: 16429C
Project No: 9991-003
Prepared by: KSZ/ /

Estimate Date: 16JUN00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
****	90	4,000
DASH	0	0
DDBR	1,890	207,000
DSLG	17,493	1,834,000
WCON	1,662	84,000
WEQP	30,240	1,374,000
WMSR	713	36,000
WSIT	27,479	1,845,000
TOTAL	79,567	5,384,000

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

TYPE CODE	QUANTITY UM	DOLLARS
BLDG	133,800 CF	0
CONC	1,610 CY	0
DISP	61,400 CY	0
EXC	206,400 CY	0
FILL	271,500 CY	0
MTL	7,861 TN	-315,000
PVMT	5,630 SY	0
SCRC	30,000 LB	-15,000
SCRM	2,845 TN	0
SEED	33 AC	33,000
VOID	166,000 CY	0
TOTAL		-297,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR

FLORIDA POWER CORPORATION
HINES ENERGY CENTER (POLK COUNTY)
COGENERATION PLANT 4 X 4 X 2

SARGENT & LUNDY

ESTIMATE NO. 18154D
PROJECT NO. 9991-003
May 18, 2000

REVIEWED BY:

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APPROVED BY:

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

FLORIDA POWER CORPORATION
HINES ENERGY CENTER (POLK COUNTY)
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 18154D
Project No: 9991-003
Prepared by: KSZ/JMK/
Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	COGENERATING PLANT (POWER BLOCK 1)		-406,000	1,473,000	1,067,000
611	COGENERATING PLANT (POWER BLOCK 2)		-404,000	1,442,000	1,038,000
631	COGENERATING PLANT COMMON FACILITIES		152,000	349,000	501,000
731	OFF-SITE DISPOSAL			139,000	139,000
	TOTAL CONSTRUCTION COSTS		-658,000	3,403,000	2,745,000
	INDIRECT EXPENSES				1,152,000
	ESCALATION				
	SALES/USE TAX				
	CONTINGENCY				585,000
	TOTAL PROJECT COST				4,482,000
	AFUDC				
	GRAND TOTAL COST				4,482,000

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%

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WORK PACKAGE SUMMARY

FLORIDA POWER CORPORATION
HINES ENERGY CENTER (POLK COUNTY)
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 2
Estimate No: 18154D
Project No: 9991-003
Prepared by: KSZ/JMK/

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			139,000	139,000
IND	INDIRECT COSTS			1,152,000	1,152,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			2,423,000	2,423,000
SCR	SCRAP VALUE		-859,000	9,000	-850,000
SIT	SITE WORK		201,000	81,000	282,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			751,000	751,000
TOTAL CONSTRUCTION COSTS			-658,000	4,555,000	3,897,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					585,000
TOTAL PROJECT COST					4,482,000
AFUDC					
GRAND TOTAL COST					4,482,000

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%

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FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
HINES ENERGY CENTER (POLK COUNTY)
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 3
Estimate No: 181540
Project No: 9991-003
Prepared by: KSZ/JMK/

Estimate Date: 18MAY00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	COGEN. PLANT COMMON SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		166,000	346,000	512,000
341.P	COGEN. PLANT - STRUCTURES AND IMPROVEMENTS		-8,000	621,000	613,000
342.C	COGEN. PLANT COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-49,000	129,000	80,000
342.P	COGEN. PLANT - BOILER PLANT (HRSG) EQUIPMENT		-416,000	1,342,000	926,000
344.P	COGEN. PLANT - GAS TURBINE PLANT		-180,000	726,000	546,000
345.P	COGEN. PLANT - ACCESSORY ELECTRICAL EQUIPMENT		-206,000	226,000	20,000
IND	INDIRECT EXPENSES			1,152,000	1,152,000
	TOTAL CONSTRUCTION COSTS		-693,000	4,542,000	3,849,000

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

341.C: COGEN. PLANT COMMON SITE FACILITIES
- STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** L A B O R ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE
6311.51	SIT SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	17700 CY		FILL		0.050 885 67.15	59,000	59,000
6311.52	SIT SIT	SEED & MULCH SITE	7 AC	1000.00	SEED	7,000	19.275 135 67.15	9,000	16,000
7311.4		OFF-SITE DISPOSAL							
7311.41	--- DSL	SPECIAL WASTE - NON-HAZ. CONTAMINATED SOIL - EXCAVATE, TRANSPORT &	2200 CY		DISP		0.433 953 104.87	100,000	100,000
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL					N/A		
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	4000 CY		DISP		0.090 360 109.45	39,000	39,000
TOTAL 341.C						166,000	4,509	346,000	512,000

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

341.P: COGEN. PLANT - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST					
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST			
6111.11	--- SLD	FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	5150	CY		CONC		0.844	4347	50.68 WCON	220,000	220,000			
6111.12		BUILDINGS (STRUCTURAL DEMOLITION)													
6111.121	SCR SCR	CONTROL/SERVICE BUILDING (INCLD IN POWER BLOCK 1)		TN						WSTL					
6111.122	SCR SCR	FIRE PUMP & FOAM BLDG.	2	TN	-40.00			1.016	2	44.84 WSTL					
6111.123	SCR SCR	ELECTRICAL EQUIPMENT	18	TN	-40.00		-1,000	1.016	18	44.84 WSTL	1,000				
6111.124	SCR SCR	CIRC WATER CHEMICAL FEED BUILDING	5	TN	-40.00			1.016	5	44.84 WSTL					
6111.13		BUILDING SIDING DEMOLITION													
6111.131	SLD SLD	CONTROL SERVICE BLDG (INCLD IN POWER BLOCK 1)		SF						WROF					
6111.132	SLD SLD	FIRE PUMP & FOAM BLDG	2250	SF				0.011	25	55.80 WROF	1,000	1,000			
6111.133	SLD SLD	ELECTRICAL EQUIPMENT BUILDING	9000	SF				0.011	99	55.80 WROF	6,000	6,000			
6111.134	SLD SLD	CIRC WATER CHEMICAL FEED BUILDING	2300	SF				0.011	25	55.80 WROF	1,000	1,000			
6111.14		STEAM TURBINE PEDESTAL													
6111.141	SLD SLD	FOUNDATION DEMOLITION	1500	CY				0.844	1266	50.68 WCON	64,000	64,000			
6111.142	SCR SCR	STRUCTURAL DEMOLITION	40	TN	-40.00		-2,000	1.016	41	44.84 WSTL	2,000				
TOTAL 341.P												-8,000	12,262	621,000	613,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE	LABOR COST
631		COGENERATING PLANT COMMON FACILITIES								
6312		EQUIPMENT								
6312.3		TANKS (SIZED FOR 2 UNITS)								
6312.31	SCR MTL	FUEL OIL TANK	67 TN	-40.00 MTL		-3,000	2.672 179	45.40 WEQP	8,000	5,000
6312.32	SCR MTL	DEMINERALIZED WATER TANK	38 TN	-40.00 MTL		-2,000	2.672 102	45.40 WEQP	5,000	3,000
6312.33	SCR MTL	FILTERED /FIRE WATER TANK	13 TN	-40.00 MTL		-1,000	2.672 35	45.40 WEQP	2,000	1,000
6312.36	SCR MTL	MISC. EQUIP. AND PUMPS	500 TN	-40.00 MTL		-20,000	2.672 1336	45.40 WEQP	61,000	41,000
6312.4	SCR MTL	WATER TREATMENT SYSTEM	50 TN	-40.00 MTL		-2,000	2.672 134	45.40 WEQP	6,000	4,000
6312.6	SCR MTL	MISC. PIPING	440 TN	-40.00 MTL		-18,000	2.025 891	45.40 WEQP	40,000	22,000
6312.7	SCR MTL	PIPING BRIDGE	75 TN	-40.00 MTL		-3,000	2.025 152	45.40 WEQP	7,000	4,000
TOTAL 342.C						-49,000		2,829	129,000	80,000

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

342.P: COGEN. PLANT - BOILER PLANT (HRSG)
EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS WAGE RATE LABOR COST		
610		COGENERATING PLANT (POWER BLOCK 1)							
6102.2	SCR MTL	PACKAGE HRSG, AND AUX. EQUIPMENT INCLD. STACK	5200 TN	-40.00 MTL		-208,000	2.672 13894 48.30 WBLR	671,000	463,000
611		COGENERATING PLANT (POWER BLOCK 2)							
6112.2	SCR MTL	PACKAGE HRSG, AND AUX. EQUIPMENT INCLD. STACK	5200 TN	-40.00 MTL		-208,000	2.672 13894 48.30 WBLR	671,000	463,000
TOTAL 342.P						-416,000	27,788	1,342,000	926,000

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

344.P: COGEN. PLANT - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***			TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNRS		WAGE RATE	LABOR COST
610		COGENERATING PLANT (POWER BLOCK 1)										
6102.1		COMBUSTION TURBINES										
6102.11	SCR MTL	COMBUSTION TURBINE	1640	TN	-40.00 MTL		-66,000	3.570	5855	45.40 WEQP	266,000	200,000
6102.3	SCR MTL	STEAM TURBINE	600	TN	-40.00 MTL		-24,000	3.570	2142	45.40 WEQP	97,000	73,000
611		COGENERATING PLANT (POWER BLOCK 2)										
6112.1		COMBUSTION TURBINES										
6112.11	SCR MTL	COMBUSTION TURBINE	1640	TN	-40.00 MTL		-66,000	3.570	5855	45.40 WEQP	266,000	200,000
6112.3	SCR MTL	STEAM TURBINE	600	TN	-40.00 MTL		-24,000	3.570	2142	45.40 WEQP	97,000	73,000
TOTAL 344.P								-180,000		15,994	726,000	546,000

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

345.P: COGEN. PLANT - ACCESSORY ELECTRICAL EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** L A B O R ***			TOTAL COST	
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE
610		COGENERATING PLANT (POWER BLOCK 1)								
6102.1		COMBUSTION TURBINES								
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	700 TN	-40.00 MTL	-28,000	3.570	2499	45.40 WEQP	113,000	85,000
6107		SCRAP VALUE								
6107.B	SCR SCR	SCRAP VALUE OF COPPER	150000 LB	-0.50 SCRC	-75,000					-75,000
611		COGENERATING PLANT (POWER BLOCK 2)								
6112.1		COMBUSTION TURBINES								
6112.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	700 TN	-40.00 MTL	-28,000	3.570	2499	45.40 WEQP	113,000	85,000
6117		SCRAP VALUE								
6117.B	SCR SCR	SCRAP VALUE OF COPPER	150000 LB	-0.50 SCRC	-75,000					-75,000
TOTAL 345.P						-206,000		4,998	226,000	20,000

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

IND: INDIRECT EXPENSES

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** LABOR ***			TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR	WAGE RATE	
900	---	INDIRECT EXPENSES									
	IND										
900.1	---	FPC INDIRECT EXPENSES	1	LS							
	IND										
900.11	---	FPC ENGINEERING ALLOCATION	1	LS						172,000	172,000
	IND										
900.12	---	ADMINISTRATIVE AND GENERAL OVERHEAD	1	LS						16,000	16,000
	IND										
900.13	---	TEMPORARY CONSTRUCTION SERVICES	1	LS						270,000	270,000
	IND										
900.14	---	WRAP-UP AND RISK INSURANCE	1	LS						2,000	2,000
	IND										
900.15	---	FPC SUPERVISION	1	LS						216,000	216,000
	IND										
900.16	---	SECURITY SERVICES	1	LS						280,000	280,000
	IND										
900.17	---	A/E ENGINEERING, DIRECT (ENG'G SUPPORT AND RECORDS CLOSE-OUT)	1	LS						162,000	162,000
	IND										
900.18	---	PERMITS	1	LS						34,000	34,000
	IND										
		TOTAL IND								1,152,000	1,152,000

Sargent & Lundy
Chicago

ERECTION CREW MAN-HOURS

FLORIDA POWER CORPORATION
HINES ENERGY CENTER (POLK COUNTY)
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 13
Estimate No: 18154D
Project No: 9991-003
Prepared by: KSZ/JMK/
Estimate Date: 18MAY00

Price level: 2000

CREW CODE	MAN-HOURS	DOLLARS
DDBR	360	39,000
DSLQ	953	100,000
WBLR	27,788	1,342,000
WCON	12,026	609,000
WEQP	23,821	1,081,000
WROF	517	28,000
WSIT	2,907	195,000
WSTL	203	9,000
TOTAL	68,575	3,403,000

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

TYPE CODE	QUANTITY UM	DOLLARS
CONC	10,780 CY	0
DISP	6,200 CY	0
EXC	17,700 CY	159,000
FILL	17,700 CY	0
MTL	17,463 TN	-701,000
PVMT	14,100 SY	0
SCRC	300,000 LB	-150,000
SCRM	17,512 TN	0
SEED	7 AC	7,000
TOTAL		-685,000

2000 FOSSIL PLANT DISMANTLEMENT STUDY

CONCEPTUAL COST ESTIMATE

PREPARED FOR
FLORIDA POWER CORPORATION
TIGER BAY
COGENERATION PLANT

SARGENT & LUNDY

ESTIMATE NO. 18137C
PROJECT NO. 9991-003
June 15, 2000

REVIEWED BY:

APPROVED BY:

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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
TIGER BAY
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

Page: 1
Estimate No: 18137C
Project No: 9991-003
Prepared by: KSZ/JMK/

Estimate Date: 15JUN00

Price level: 2000

ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
610	COGENERATING PLANT		-210,000	734,000	524,000
631	COGENERATING PLANT COMMON FACILITIES		18,000	198,000	216,000
731	OFF-SITE DISPOSAL			20,000	20,000
TOTAL CONSTRUCTION COSTS			-192,000	952,000	760,000
INDIRECT EXPENSES					571,000
ESCALATION					
SALES/USE TAX					
CONTINGENCY					200,000
TOTAL PROJECT COST AFUDC					1,531,000
GRAND TOTAL COST					1,531,000

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
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
DSL	OFF-SITE DISPOSAL			20,000	20,000
IND	INDIRECT COSTS			571,000	571,000
MTL	METALS - EQUIPMENT, STRUCTURAL STEEL, PIPING			703,000	703,000
SCR	SCRAP VALUE		-250,000	3,000	-247,000
SIT	SITE WORK		58,000	27,000	85,000
SLD	SOLIDS - CONCRETE, MASONRY, ETC.			199,000	199,000
TOTAL CONSTRUCTION COSTS			-192,000	1,523,000	1,331,000
INDIRECT EXPENSES					(included above)
ESCALATION					
SALES/USE TAX					
CONTINGENCY					200,000
TOTAL PROJECT COST					1,531,000
AFUDC					
GRAND TOTAL COST					1,531,000

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%

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FERC ACCOUNTS SUMMARY

FLORIDA POWER CORPORATION
TIGER BAY
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ACCT.NO.	DESCRIPTION	TOTAL EQUIPMENT COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL COST
341.C	COGEN. PLANT COMMON SITE FACILITIES - STRUCTURES AND IMPROVEMENTS		58,000	106,000	164,000
341.P	COGEN. PLANT - STRUCTURES AND IMPROVEMENTS		-3,000	143,000	140,000
342.C	COGEN. PLANT COMMON FACILITIES - FUEL OIL & BOP EQUIPMENT		-40,000	112,000	72,000
342.P	COGEN. PLANT - BOILER PLANT (HRSG) EQUIPMENT		-104,000	336,000	232,000
344.P	COGEN. PLANT - GAS TURBINE PLANT		-49,000	198,000	149,000
345.P	COGEN. PLANT - ACCESSORY ELECTRICAL EQUIPMENT		-54,000	57,000	3,000
IND	INDIRECT EXPENSES			571,000	571,000
	TOTAL CONSTRUCTION COSTS		-192,000	1,523,000	1,331,000

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

FLORIDA POWER CORPORATION
TIGER BAY
CONCEPTUAL COST ESTIMATE
2000 FOSSIL PLANT DISMANTLEMENT STUDY

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Estimate No: 18137C
Project No: 9991-003
Prepared by: KSZ/JMK/

Estimate Date: 15JUN00

Price level: 2000

341.C: COGEN. PLANT COMMON SITE FACILITIES
- STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***			*** L A B O R ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	MNHR		WAGE RATE	LABOR COST
631		COGENERATING PLANT COMMON FACILITIES										
6311		STRUCTURES & IMPROVEMENTS - DEMOLITION AND MODIFICATION										
6311.2		SITE WORK AND SITE STRUCTURE DEMOLITION										
6311.21		SITE EXCAVATION							INCL. IN WRKG			
6311.213	SIT SIT	PURCHASED BORROW FILL EXCAVATION	5600	CY	9.25		52,000		67.15 WSIT	52,000		
6311.214	--- SIT	FILL	5600	CY					INCL. ACCT. 6311.51			
6311.22		ROADS & PAVEMENTS										
6311.221	--- SLD	PAVED SURFACES	4238	SY		PVMT		0.120	509	67.15 WSIT	34,000	34,000
6311.23	--- SIT	FENCES AND GATES							REMAIN			
6311.3		OUTLYING STRUCTURES DEMOLITION										
6311.31	--- SLD	MISC. SITE BUILDINGS										
6311.311	--- SLD	ADMIN/MAINT. BUILDING							INCL. ACCT. 6101.1			
6311.312	--- SLD	WEARHOUSE BUILDING							INCL. ACCT. 6101.1			
6311.313		ELECTRICAL CONTROL BLDG.							INCLD ACCT. 6101.1			
6311.32	--- SLD	MISC. EQUIPMENT AND TANK FOUNDATIONS & BERMS	164	CY		CONC		1.125	185	50.68 WCON	9,000	9,000
6311.33	--- SLD	CONCRETE CONTAINMENT STRUCTURE	100	CY		CONC		1.125	113	50.68 WCON	6,000	6,000
6311.34	--- SLD	TRANSFORMER FOUNDATIONS	175	CY		CONC		1.125	197	50.68 WCON	10,000	10,000

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

341.C: COGEN. PLANT COMMON SITE FACILITIES
- STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
6311.5		SITE FILL AND LANDSCAPING										
6311.51	SIT SIT	COVER DISTURBED AREAS OF SITE AND PONDS WITH 2 FT. OF SOIL	5600	CY		FILL		0.050	280	67.15 WSIT	19,000	19,000
6311.52	SIT SIT	SEED & MULCH SITE	6	AC	1000.00	SEED	6,000	19.275	116	67.15 WSIT	8,000	14,000
7311.4		OFF-SITE DISPOSAL										
7311.42	--- DSL	EXCESS OF SOLID DEBRIS - TRANSPORT & DISPOSAL							N/A			
7311.43	--- DSL	RUBBISH AND TENANT DEBRIS - TRANSPORT & DISPOSAL	2000	CY		DISP		0.090	180	109.45 ODBR	20,000	20,000
		TOTAL 341.C					58,000		1,580		106,000	164,000

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

341.P: COGEN. PLANT - STRUCTURES AND IMPROVEMENTS

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE	
610		COGENERATING PLANT							
6101.1		MAIN POWER BLOCK DEMOLITION							
6101.11	--- SLD	FOUNDATION (2 FT. BELOW GRADE - REINFORCEMENT 250#/CY)	3100	CY		CONC		0.844 2616 50.68 WCON	133,000 133,000
6101.12		BUILDINGS (STRUCTURAL DEMOLITION)							
6101.121	SCR SCR	ADMIN/MAINT. BUILDING	29	TN	-40.00 MTL		-1,000	1.016 29 44.84 WSTL	1,000
6101.122	SCR SCR	WARE HOUSE BUILDING	16	TN	-40.00 MTL		-1,000	1.016 16 44.84 WSTL	1,000
6101.123	SCR SCR	ELECTRICAL CONTROL BUILDING	25	TN	-40.00 MTL		-1,000	1.016 25 44.84 WSTL	1,000
6101.124	SCR SCR	ZLD BUILDING	2	TN	-40.00 MTL			1.016 2 44.84 WSTL	
6101.13		BUILDING SIDING DEMOLITION							
6101.131	SLD SLD	ADMIN/MAINT. BUILDING	4725	SF				0.011 52 55.80 WROF	3,000 3,000
6101.132	SLD SLD	WARE HOUSE BUILDING	3200	SF				0.011 35 55.80 WROF	2,000 2,000
6101.133	SLD SLD	ELECTRICAL CONTROL BUILDING	3200	SF				0.011 35 55.80 WROF	2,000 2,000
6101.134	SLD SLD	ZLD BUILDING	360	SF				0.011 4 55.80 WROF	
TOTAL 341.P									-3,000 2,814 143,000 140,000

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

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

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** M A T E R I A L ***		*** L A B O R ***		TOTAL COST				
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST	
631		COGENERATING PLANT COMMON FACILITIES											
6312		EQUIPMENT											
6312.3		TANKS											
6312.31	SCR MTL	POLISHED WATER TANK	50	TN	-40.00 MTL		-2,000	2.672	134	45.40 WEQP	6,000	4,000	
6312.32	SCR MTL	RAW WATER TANK	38	TN	-40.00 MTL		-2,000	2.672	102	45.40 WEQP	5,000	3,000	
6312.33	SCR MTL	RETURN COND. TANK	10	TN	-40.00 MTL			2.672	27	45.40 WEQP	1,000	1,000	
6312.34	SCR MTL	WASTE WATER TANK	18	TN	-40.00 MTL		-1,000	2.672	48	45.40 WEQP	2,000	1,000	
6312.35	SCR MTL	COOLING WATER BLOWDOWN TANK	133	TN	-40.00 MTL		-5,000	2.672	355	45.40 WEQP	16,000	11,000	
6312.36	SCR MTL	MISC. EQUIP. AND PUMPS	250	TN	-40.00 MTL		-10,000	2.672	668	45.40 WEQP	30,000	20,000	
6312.4	SCR MTL	WATER TREATMENT SYSTEM	200	TN	-40.00 MTL		-8,000	2.672	534	45.40 WEQP	24,000	16,000	
6312.5	SCR MTL	AIR FILTER HOUSE	60	TN	-40.00 MTL		-2,000	2.672	160	45.40 WEQP	7,000	5,000	
6312.6	SCR MTL	MISC. PIPING	120	TN	-40.00 MTL		-5,000	2.025	243	45.40 WEQP	11,000	6,000	
6312.7	SCR MTL	PIPING BRIDGE	90	TN	-40.00 MTL		-4,000	2.025	182	45.40 WEQP	8,000	4,000	
6312.8	SCR MTL	PACKAGE BOILER	20	TN	-40.00 MTL		-1,000	2.025	41	48.30 WBLR	2,000	1,000	
TOTAL 342.C								-40,000		2,494		112,000	72,000

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

342.P: COGEN. PLANT - BOILER PLANT (HRSG)
EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
					MATERIAL RATE	EQUIPMENT COST	MNHR RATE	MNHR WAGE		LABOR COST	
610		COGENERATING PLANT									
6102.2	SCR MTL	PACKAGE HRSG, AND AUX. EQUIPMENT INCLD. STACK	2600	TN	-40.00 MTL	-104,000	2.672	6947	48.30 WBLR	336,000	232,000
		TOTAL 342.P				-104,000		6,947		336,000	232,000

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

344.P: COGEN. PLANT - GAS TURBINE PLANT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST		
				MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE MNHRS		WAGE RATE	LABOR COST
610		COGENERATING PLANT								
6102.1		COMBUSTION TURBINES								
6102.11	SCR MTL	COMBUSTION TURBINE GE7FA	820 TN	-40.00 MTL		-33,000	3.570 2927	45.40 WEQP	133,000	100,000
6102.3	SCR MTL	STEAM TURBINE	400 TN	-40.00 MTL		-16,000	3.570 1428	45.40 WEQP	65,000	49,000
		TOTAL 344.P				-49,000	4,355		198,000	149,000

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

345.P: COGEN. PLANT - ACCESSORY ELECTRICAL
EQUIPMENT

Note: Extended costs are rounded up to next thousand dollars

ACCOUNT NO.	WORK PACKAGE	DESCRIPTION	QTY	UM	*** MATERIAL ***		*** LABOR ***		TOTAL COST			
					MATERIAL RATE	EQUIPMENT COST	MATERIAL COST	MNHR RATE		MNHR	WAGE RATE	LABOR COST
610		COGENERATING PLANT										
6102.1		COMBUSTION TURBINES										
6102.12	SCR MTL	INTERCONNECTING ELECTRICAL EQUIPMENT	350	TN	-40.00 MTL		-14,000	3.570	1250	45.40 WEQP	57,000	43,000
6107		SCRAP VALUE										
6107.B	SCR SCR	SCRAP VALUE OF COPPER	80000	LB	-0.50 SCRC		-40,000					-40,000
		TOTAL 345.P					-54,000		1,250		57,000	3,000

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ERECTION CREW MAN - HOURS

FLORIDA POWER CORPORATION
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CREW CODE	MAN-HOURS	DOLLARS
DDBR	180	20,000
WBLR	6,988	338,000
WCON	3,111	158,000
WEQP	8,058	365,000
WROF	126	7,000
WSIT	905	61,000
WSTL	72	3,000
TOTAL	19,440	952,000

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

TYPE CODE	QUANTITY UM	DOLLARS
CONC	3,539 CY	0
DISP	2,000 CY	0
FILL	5,600 CY	0
MTL	5,231 TN	-210,000
PVMT	4,238 SY	0
SCRC	80,000 LB	-40,000
SCRM	5,229 TN	0
SEED	6 AC	6,000
TOTAL		-244,000