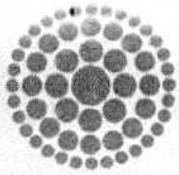


ORIGINAL  
FILE COPY

12



**Florida  
Power**  
CORPORATION

James A. McGee  
SENIOR COUNSEL

May 22, 1989

Mr. Steven C. Tribble  
Director of Records and Reporting  
Florida Public Service Commission  
101 East Gaines Street  
Tallahassee, FL 32399-0872

Re: Docket No. 870098-EI

Dear Mr. Tribble:

Enclosed for filing in the subject matter are fifteen (15) copies of the supplement to FPC Witness Czura's composite Exhibit 8. The supplement revised Schedules 2 and 5-Q of the Company's decommissioning study, based on updated information.

Please acknowledge receipt and filing of the above by completing the form provided on the enclosed copy of this letter and returning same to this writer.

Very truly yours,

James A. McGee

- ACK ✓
- AFA 3
- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR orig
- EAG** \_\_\_\_\_
- LEG 1 JAM/jw  
Enclosures
- LIN 6 cc: Parties of Record
- OPC \_\_\_\_\_
- RCH \_\_\_\_\_
- SEC 1
- WAS \_\_\_\_\_
- GTH \_\_\_\_\_

RECEIVED & FILED

**FPSC-BUREAU OF RECORDS**

DOCUMENT NUMBER-DATE

05158 MAY 23 1989

FPSC-RECORDS/REPORTING

DOCUMENT NUMBER-DATE

05158 MAY 23 1989

FPSC-RECORDS/REPORTING

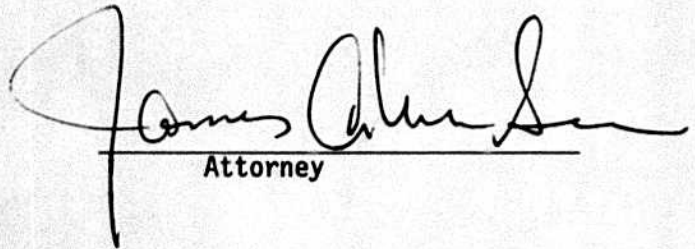
**CERTIFICATE OF SERVICE**  
Docket No. 870098-EI

I HEREBY CERTIFY that a copy of the Supplement to FPC Witness Czura's Composite Exhibit 8 has been served by delivery or U.S. Mail this 22nd day of May, 1989, to the following:

Matthew M. Childs, Esquire  
Steel, Hector & Davis  
301 West College Avenue  
Tallahassee, FL 32301-1406

Gail P. Fels, Esquire  
Assistant City Attorney  
Dade County Attorney's Office  
111 NW First Street, Suite 2810  
Miami, FL 33128-1993

M. Robert Christ, Esquire  
Florida Public Service Commission  
101 East Gaines Street  
Fletcher Building - Room 226  
Tallahassee, FL 32399-0863

  
\_\_\_\_\_  
Attorney

FLORIDA POWER CORPORATION  
ESTIMATED COST OF DECOMMISSIONING CRYSTAL RIVER NUCLEAR PLANT  
UPDATED CALCULATION OF INFLATION INDICES (SCHEDULE 2)  
PAGE 1 OF 2

YEAR	INFLATION INDICES (1)			----- DECONTAMINATION -----			----- REMOVAL -----			----- PACKAGING -----			SHIPPING
	LABOR	MATERIAL	OTHER	LABOR ( 50% )	MATERIAL ( 50% )	TOTAL (\$000)	LABOR ( 75% )	MATERIAL ( 25% )	TOTAL (\$000)	LABOR ( 25% )	MATERIAL ( 75% )	TOTAL (\$000)	OTHER ( 100% )
1985	BASE	BASE	BASE	84,299	84,299	88,598	845,281	815,094	860,375	8628	81,885	82,513	83,518
1986	3.1%	-3.3%	6.2%	4,432	4,157	8,589	46,685	14,596	61,281	648	1,823	2,470	3,757
1987	3.8%	2.4%	5.8%	4,601	4,257	8,858	48,459	14,946	63,405	672	1,866	2,539	3,954
1988	4.7%	5.5%	5.1%	4,817	4,491	9,308	50,737	15,768	66,505	704	1,969	2,673	4,158
1989	5.2%	5.5%	5.3%	5,067	4,738	9,805	53,375	16,635	70,010	741	2,077	2,818	4,376
1990	5.4%	5.3%	5.6%	5,341	4,989	10,330	56,257	17,517	73,774	781	2,187	2,968	4,627
1991	6.0%	5.4%	5.6%	5,662	5,259	10,920	59,633	18,463	78,095	827	2,305	3,133	4,880
1992	6.4%	5.2%	5.4%	6,024	5,532	11,556	63,449	19,423	82,872	880	2,425	3,306	5,143
1993	6.4%	4.7%	5.2%	6,409	5,792	12,201	67,510	20,336	87,845	937	2,539	3,476	5,411
1994	6.5%	5.0%	5.5%	6,826	6,082	12,908	71,898	21,353	93,250	998	2,666	3,664	5,788
1995	6.7%	5.6%	5.7%	7,283	6,422	13,706	76,715	22,548	99,263	1,064	2,816	3,880	6,034
1996	6.9%	5.8%	5.7%	7,786	6,795	14,581	82,008	23,856	105,864	1,138	2,979	4,117	6,377
1997	7.1%	5.9%	5.8%	8,339	7,196	15,534	87,831	25,264	113,095	1,219	3,155	4,373	6,747
1998	7.2%	5.9%	6.0%	8,939	7,620	16,559	94,155	26,754	120,909	1,306	3,341	4,647	7,152
1999	7.3%	6.1%	6.3%	9,592	8,085	17,677	101,028	28,386	129,414	1,402	3,545	4,946	7,605
2000	7.2%	5.8%	6.4%	10,282	8,554	18,836	108,302	30,033	138,335	1,503	3,750	5,253	8,089
2001	7.1%	5.7%	6.4%	11,012	9,041	20,054	115,992	31,744	147,736	1,609	3,964	5,573	8,607
2002	7.1%	5.7%	6.3%	11,794	9,557	21,351	124,227	33,554	157,781	1,724	4,190	5,913	9,149
2003	7.1%	5.5%	6.2%	12,631	10,082	22,714	133,047	35,399	168,446	1,846	4,420	6,266	9,717
2004	7.2%	5.2%	6.1%	13,541	10,607	24,148	142,627	37,240	179,867	1,979	4,650	6,629	10,319
2005	7.2%	5.0%	6.0%	14,516	11,137	25,653	152,896	39,102	191,998	2,121	4,883	7,004	10,928
2006	7.2%	5.0%	6.0%	15,561	11,694	27,255	163,904	41,057	204,961	2,274	5,127	7,401	11,584
2007	7.2%	5.0%	6.0%	16,681	12,279	28,960	175,705	43,110	218,815	2,438	5,383	7,821	12,279
2008	7.2%	4.8%	5.9%	17,883	12,868	30,750	188,356	45,179	233,535	2,613	5,642	8,255	13,013
2009	7.2%	4.7%	5.9%	19,170	13,473	32,643	201,918	47,303	249,220	2,801	5,907	8,708	13,771
2010	7.2%	4.6%	5.8%	20,550	14,092	34,643	216,456	49,479	265,934	3,003	6,178	9,182	14,569
2011	7.2%	4.6%	5.8%	22,030	14,741	36,771	232,040	51,755	283,795	3,219	6,463	9,682	15,474
2012	7.2%	4.7%	5.9%	23,616	15,434	39,050	248,747	54,187	302,934	3,451	6,766	10,218	16,325
2013	7.3%	4.8%	5.9%	25,340	16,174	41,514	266,906	56,788	323,694	3,703	7,091	10,794	17,216
2014	7.3%	4.8%	5.9%	27,190	16,951	44,141	286,390	59,514	345,904	3,973	7,431	11,405	18,316
2015	7.3%	4.8%	5.9%	29,175	17,764	46,939	307,297	62,371	369,667	4,264	7,788	12,052	19,386
2016	7.3%	4.8%	5.9%	31,304	18,617	49,922	329,729	65,364	395,094	4,575	8,162	12,737	20,531
2017	7.3%	4.8%	5.9%	33,590	19,511	53,100	353,799	68,502	422,301	4,909	8,554	13,463	21,741
2018	7.3%	4.8%	5.9%	36,042	20,447	56,489	379,627	71,790	451,417	5,267	8,964	14,231	23,024
2019	7.3%	4.8%	5.9%	38,673	21,429	60,101	407,340	75,236	482,575	5,652	9,395	15,046	24,382
2020	7.3%	4.8%	5.9%	41,496	22,457	63,953	437,075	78,847	515,923	6,064	9,846	15,910	25,827
2021	7.3%	4.8%	5.9%	44,525	23,535	68,060	468,982	82,632	551,614	6,507	10,318	16,825	27,344
2022	7.3%	4.8%	5.9%	47,775	24,665	72,440	503,218	86,598	589,816	6,982	10,813	17,795	28,958
2023	7.3%	4.8%	5.9%	51,263	25,849	77,112	539,952	90,755	630,707	7,492	11,333	18,824	30,666

AVERAGE ANNUAL PERCENT INCREASE FROM 1988: 6.11% 6.50% 5.64% 5.85%

(1) INFLATION INDICES SOURCE: U.S. LONG TERM REVIEW DATA RESOURCES, INC. WINTER 1988 - 1989

LABOR : TABLE 16 - WAGES AND PRODUCTIVITY IN THE NON-FARM BUSINESS SECTOR - (COMPENSATION PER HOUR)  
MATERIAL : TABLE 17 - PRODUCER PRICE INDEX - STAGE OF PROCESSING - (INTERMEDIATE MATERIALS, SUPPLIES, AND COMPONENTS)  
OTHER : TABLE 16 - NATIONAL PRODUCT ACCOUNT IMPLICIT PRICE DEFLATORS - (TRANSPORTATION)

DOCUMENT NUMBER-DATE  
05158 MAY 23 1989  
FPSC-RECORDS/REPORTING

FLORIDA POWER CORPORATION  
ESTIMATED COST OF DECOMMISSIONING CRYSTAL RIVER NUCLEAR PLANT  
UPDATED CALCULATION OF INFLATION INDICES (SCHEDULE 2)  
PAGE 2 OF 2

YEAR	INFLATION INDICES (1)			BURIAL			--- DECOMMISSIONING STAFFS ---			OTHER			CURRENT DOLLAR TOTAL
	LABOR	MATERIAL	OTHER	LABOR (75%)	MATERIAL (25%)	TOTAL (\$000)	LABOR (90%)	MATERIAL (10%)	TOTAL (\$000)	LABOR (75%)	MATERIAL (25%)	TOTAL (\$000)	
1985	BASE	BASE	BASE	\$19,733	\$6,578	\$26,310	\$48,245	\$5,361	\$53,606	\$16,241	\$5,414	\$21,655	\$176,574
1986	3.1%	-3.3%	6.2%	20,344	6,360	26,705	49,741	5,184	54,925	16,745	5,235	21,980	179,667
1987	3.8%	2.4%	5.8%	21,117	6,513	27,630	51,631	5,308	56,939	17,381	5,361	22,742	186,067
1988	4.7%	5.5%	5.1%	22,110	6,871	28,981	54,058	5,600	59,658	18,198	5,656	23,854	195,133
1989	5.2%	5.5%	5.3%	23,260	7,249	30,509	56,869	5,908	62,777	19,144	5,967	25,111	205,406
1990	5.4%	5.3%	5.6%	24,516	7,633	32,149	59,940	6,221	66,161	20,178	6,283	26,461	216,464
1991	6.0%	5.4%	5.6%	25,986	8,046	34,032	63,536	6,557	70,093	21,389	6,622	28,011	229,164
1992	6.4%	5.2%	5.4%	27,650	8,464	36,114	67,602	6,898	74,501	22,758	6,966	29,724	243,215
1993	6.4%	4.7%	5.2%	29,419	8,862	38,281	71,929	7,222	79,151	24,214	7,294	31,508	257,674
1994	6.5%	5.0%	5.5%	31,331	9,305	40,636	76,604	7,583	84,188	25,788	7,659	33,447	273,801
1995	6.7%	5.6%	5.7%	33,431	9,826	43,257	81,737	8,008	89,745	27,516	8,087	35,603	291,467
1996	6.9%	5.8%	5.7%	35,737	10,396	46,133	87,377	8,473	95,849	29,414	8,557	37,971	310,895
1997	7.1%	5.9%	5.8%	38,275	11,009	49,284	93,580	8,972	102,553	31,503	9,061	40,564	332,151
1998	7.2%	5.9%	6.0%	41,030	11,659	52,689	100,318	9,502	109,820	33,771	9,596	43,367	355,144
1999	7.3%	6.1%	6.3%	44,026	12,370	56,396	107,642	10,081	117,723	36,236	10,181	46,418	380,174
2000	7.2%	5.8%	6.4%	47,196	13,087	60,283	115,392	10,666	126,058	38,845	10,772	49,617	406,471
2001	7.1%	5.7%	6.4%	50,546	13,833	64,380	123,585	11,274	134,859	41,603	11,386	52,989	434,198
2002	7.1%	5.7%	6.3%	54,135	14,622	68,757	132,359	11,917	144,276	44,557	12,035	56,592	463,818
2003	7.1%	5.5%	6.2%	57,979	15,426	73,405	141,757	12,572	154,329	47,721	12,697	60,417	495,294
2004	7.2%	5.2%	6.1%	62,153	16,228	78,382	151,963	13,226	165,189	51,157	13,357	64,514	529,037
2005	7.2%	5.0%	6.0%	66,628	17,040	83,668	162,904	13,887	176,792	54,840	14,025	68,865	564,907
2006	7.2%	5.0%	6.0%	71,426	17,892	89,317	174,633	14,582	189,215	58,788	14,726	73,514	603,247
2007	7.2%	5.0%	6.0%	76,568	18,786	95,354	187,207	15,311	202,518	63,021	15,462	78,484	644,231
2008	7.2%	4.8%	5.9%	82,081	19,688	101,769	200,686	16,046	216,732	67,559	16,205	83,763	687,807
2009	7.2%	4.7%	5.9%	87,991	20,613	108,604	215,135	16,800	231,935	72,423	16,966	89,389	734,271
2010	7.2%	4.6%	5.8%	94,326	21,562	115,888	230,625	17,573	248,198	77,637	17,747	95,384	783,797
2011	7.2%	4.6%	5.8%	101,118	22,553	123,671	247,230	18,381	265,611	83,227	18,563	101,790	836,734
2012	7.2%	4.7%	5.9%	108,398	23,613	132,012	265,031	19,245	284,276	89,219	19,436	108,655	893,467
2013	7.3%	4.8%	5.9%	116,311	24,747	141,058	284,378	20,168	304,546	95,732	20,368	116,101	954,994
2014	7.3%	4.8%	5.9%	124,802	25,935	150,737	305,137	21,137	326,274	102,721	21,346	124,067	1,020,834
2015	7.3%	4.8%	5.9%	133,913	27,180	161,092	327,412	22,151	349,564	110,220	22,371	132,590	1,091,290
2016	7.3%	4.8%	5.9%	143,688	28,484	172,172	351,314	23,214	374,528	118,266	23,445	141,710	1,166,695
2017	7.3%	4.8%	5.9%	154,177	29,851	184,029	376,959	24,329	401,288	126,899	24,570	151,469	1,247,392
2018	7.3%	4.8%	5.9%	165,432	31,284	196,717	404,478	25,496	429,974	136,163	25,749	161,912	1,333,764
2019	7.3%	4.8%	5.9%	177,509	32,786	210,295	434,004	26,720	460,725	146,103	26,985	173,088	1,426,215
2020	7.3%	4.8%	5.9%	190,467	34,360	224,827	465,687	28,003	493,690	156,768	28,281	185,048	1,525,171
2021	7.3%	4.8%	5.9%	204,371	36,009	240,380	499,682	29,347	529,029	168,212	29,638	197,850	1,631,105
2022	7.3%	4.8%	5.9%	219,290	37,737	257,028	536,159	30,756	566,914	180,492	31,061	211,552	1,744,505
2023	7.3%	4.8%	5.9%	235,299	39,549	274,847	575,298	32,232	607,530	193,667	32,551	226,219	1,865,906

AVERAGE ANNUAL PERCENT INCREASE FROM 1988:

6.50%

6.71%

6.50%

6.66%

FLORIDA POWER CORPORATION ACCRUAL  
(COST INCLUDES 25% CONTINGENCY)

FLORIDA POWER CORPORATION  
ESTIMATED COST OF DECOMMISSIONING  
CRYSTAL RIVER #3 - NUCLEAR PLANT  
UPDATED ANNUAL FUNDING REQUIREMENT (SCHEDULE 5-Q)  
PAGE 1 OF 1

FLORIDA POWER CORPORATION  
DOCKET NO. 870098-EI  
WITNESS: CZURA  
EXHIBIT NO. \_\_\_\_\_  
SHEET 3 OF 3

1988 COST ESTIMATE: \$195,133,000  
ESCALATION FACTOR: 6.66%

YEAR	% OF 1988 COST TO BE SPENT	ESTIMATED COST IN 1988 \$	ESTIMATED COST IN YEAR INCURRED	FPC SHARE IN YEAR INCURRED	QUALIFIED PLAN AMOUNT	NONQUALIFIED PLAN AMOUNT	TAX SAVINGS	NET AMOUNT NONQUALIFIED FUND	AMOUNT QUALIFIED FUND	1988 NPV OF NONQUALIFIED FUND	1988 NPV OF QUALIFIED FUND
2015	3.1811%	\$6,207,376	\$35,395,715	\$30,132,089	\$24,858,973	\$5,273,116	\$1,984,274	\$3,288,842	\$24,858,973	\$547,336	\$4,137,081
2016	3.1811%	6,207,376	37,753,070	32,138,886	26,514,581	5,624,305	2,116,426	3,507,879	26,514,581	546,275	4,129,063
2017	3.1811%	6,207,376	40,267,425	34,279,337	28,280,453	5,998,884	2,257,380	3,741,504	28,280,453	545,216	4,121,061
2018	23.7764%	46,395,603	321,014,171	273,276,796	225,453,357	47,823,439	17,995,960	29,827,479	225,453,357	4,067,197	30,742,231
2019	23.7764%	46,395,603	342,393,714	291,477,030	240,468,550	51,008,480	19,194,491	31,813,989	240,468,550	4,059,315	30,682,654
2020	23.7764%	46,395,603	365,197,136	310,889,400	256,483,755	54,405,645	20,472,844	33,932,801	256,483,755	4,051,448	30,623,192
2021	9.5639%	18,662,325	156,681,553	133,381,753	110,039,946	23,341,807	8,783,522	14,558,285	110,039,946	1,626,510	12,294,105
2022	4.7817%	9,331,065	83,557,399	71,131,745	58,683,690	12,448,055	4,684,203	7,763,852	58,683,690	811,670	6,135,076
2023	4.7817%	9,330,675	89,118,597	75,865,949	62,589,408	13,276,541	4,995,962	8,280,579	62,589,408	810,064	6,122,930
100.00%		\$195,133,000	\$1,471,378,780	\$1,252,572,985	\$1,033,372,713	\$219,200,272	\$82,485,062	\$136,715,210	\$1,033,372,713	\$17,065,031	\$128,987,393

	NONQUALIFIED	QUALIFIED	TOTAL
PRESENT VALUE AT DECEMBER, 1988 LESS FUND BALANCE AT 12/31/88 *	\$17,065,031 8,773,682	\$128,987,393 24,951,975	\$146,052,424 33,725,657
PV OF FUNDING REQUIREMENTS	\$8,291,349	\$104,035,418	\$112,326,767
MONTHLY DEPOSITS	\$54,505	\$683,899	\$738,404
ANNUAL DEPOSITS (NET OF TAX)	\$654,060	\$8,206,788	\$8,860,848
TAX ON NONQUALIFIED PORTION	394,617	0	394,617
ANNUAL ACCRUAL (BEFORE TAX)	\$1,048,677	\$8,206,788	\$9,255,465

\* BEGINNING FUND BALANCE AT 12/31/88 FOR NONQUALIFIED FUND INCLUDES TAX REFUND RECEIVABLE OF \$6,424,820.