

To: Martin Costello
921-8986

922-6979

Schedule A-4 Monthly Report
FLORIDA POWER CORPORATION
- January 1994 through October 1996 -

01/15/1997

FL PUBLIC SERVICE COMM Fax: 904-487-0509

Feb 10 '97

9:49

P.01

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MME)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (¢/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
BRYB PEAKER 1-4												
Total												
1995												
February	184	2,713.20	2	0	0	12,984	0	0	35,229	135,757	5.004	0.000
March	184	1,278.50	1	0	0	13,796	0	0	17,638	68,297	5.342	0.000
April	184	1,610.10	1	0	0	14,103	0	0	22,708	87,510	5.435	0.000
May	184	10,861.30	8	0	0	13,428	0	0	145,843	584,401	5.381	0.000
June	184	7,057.90	5	0	0	13,615	0	0	96,094	389,070	5.513	0.000
July	184	10,366.40	8	0	0	13,442	0	0	139,349	550,327	5.309	0.000
August	184	11,411.90	4	0	0	13,296	0	0	151,731	602,182	5.277	0.000
September	184	6,730.40	5	0	0	13,465	0	0	90,628	361,140	5.366	0.000
October	184	12,661.60	9	0	0	13,254	0	0	167,815	672,216	5.309	0.000
November	184	3,214.90	2	0	0	12,732	0	0	40,932	165,407	5.145	0.000
December	187	2,658.70	2	0	0	12,726	0	0	33,835	135,927	5.113	0.000
1996												
January	186	7,369.40	5	0	0	12,771	0	0	94,111	416,830	5.656	0.000
February	206	9,578.30	7	0	0	12,562	0	0	120,320	529,589	5.529	0.000
March	184	7,243.70	5	0	0	12,931	0	0	93,670	412,471	5.694	0.000
April	184	2,180.70	2	0	0	13,364	0	0	29,152	128,417	5.889	0.000
May	184	7,653.49	6	0	0	13,559	0	0	103,769	466,604	6.097	0.000
June	184	4,334.00	3	0	0	13,455	0	0	58,316	257,431	5.949	0.000
July	184	21,789.10	16	0	0	13,391	0	0	291,757	1,325,911	6.086	0.000
August	184	11,289.20	8	0	0	13,395	0	0	151,222	706,475	6.258	0.000
September	114	5,763.90	4	0	0	13,773	0	0	79,387	371,209	6.440	0.000
October	114	1,117.70	1	0	0	13,867	0	0	15,499	83,888	7.506	0.000
BRYB PEAKER 1-10												
Light Oil												
1994												
January	586	5,443.00	1	0	0	14,511	13,505	5,148,636	78,984	319,028	5.861	23.623
February	586	3,965.00	1	0	0	13,717	9,303	5,146,179	54,388	219,179	5.528	23.560
March	586	6,702.00	2	0	0	13,976	16,029	5,843,697	93,669	375,670	5.605	23.437
April	586	21,826.00	5	0	0	13,691	51,150	5,842,359	298,839	1,192,548	5.463	23.315
May	586	30,972.00	7	0	0	13,881	73,595	5,841,689	429,920	1,693,777	5.469	23.015
June	586	16,576.00	4	0	0	13,962	39,573	5,848,226	231,430	922,155	5.563	23.303
July	586	17,451.00	4	0	0	13,962	41,669	5,847,392	243,656	972,175	5.571	23.331
August	586	2,356.00	1	0	0	15,333	6,178	5,847,392	36,125	147,475	6.260	23.871
September	586	840.00	0	0	0	17,276	2,461	5,896,903	14,512	69,852	8.316	28.384
October	586	20.00	0	0	0	55,500	181	5,869,437	1,110	4,803	24.015	25.413
November	586	721.00	0	0	0	13,843	1,700	5,870,904	9,981	40,874	5.669	24.044
December	617	2,641.00	1	0	0	13,733	6,222	5,829,172	36,268	148,964	5.640	23.941

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Notes :

§ Symbol indicates unresolved or potential problems.
Source: "AS FILED" data reported from S:\PSC\BAG\RATE\SCRA_SYS\AFPCSAV.DBF
Unit quantity by fueltype: Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU.

Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1994 -

01/15/1997

FL PUBLIC SERVICE CDMM Fax: 904-487-0509 Feb 10 '97 9:50 P.02

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWE)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (\$FU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
DRY PEAKER 1-10												
Light Oil												
1995												
January	614	1,570.00	0	0	0	15,200	4,088	5,837,285	23,864	97,705	6.223	23.900
February	614	10,640.00	3	0	0	13,329	24,289	5,839,009	141,823	586,659	5.514	24.153
March	614	444.00	0	0	0	16,912	1,285	5,843,909	7,509	30,935	6.967	24.074
April	586	2,088.00	0	0	0	13,616	4,837	5,877,677	28,430	116,886	5.694	24.578
May	586	13,746.00	3	0	0	13,901	32,808	5,824,409	191,086	786,695	5.723	23.979
June	614	2,984.00	1	0	0	14,689	7,512	5,834,830	43,833	175,637	5.886	23.381
July	614	3,743.00	1	0	0	54,285	34,940	5,815,398	203,190	838,644	22.406	24.002
August	614	47,299.00	10	0	0	10,752	87,268	5,827,347	508,540	2,110,713	4.462	24.187
September	614	6,347.00	1	0	0	12,204	13,295	5,826,159	77,460	330,747	5.211	24.878
October	614	7,704.00	2	0	0	13,505	17,803	5,844,012	104,042	399,895	5.191	22.462
November	614	3,855.00	1	0	0	13,348	8,821	5,833,290	51,455	216,149	5.607	24.504
December	614	5,632.00	1	0	0	13,986	13,486	5,840,900	78,771	332,749	5.908	24.674
1996												
January	614	10,556.00	2	0	0	13,662	24,691	5,840,900	144,216	631,821	5.985	25.589
February	614	11,603.00	3	0	0	12,728	25,284	5,840,900	147,682	645,807	5.566	25.542
March	614	20,422.00	4	0	0	12,844	47,746	5,493,724	262,304	1,222,723	5.987	25.609
April	614	17,929.00	4	0	0	13,741	42,154	5,844,235	245,356	1,100,604	6.139	26.109
May	614	30,950.00	7	0	0	13,652	72,259	5,847,298	422,520	1,917,201	6.259	26.809
June	614	11,943.00	3	0	0	13,655	28,021	5,820,149	163,886	733,587	6.142	26.180
July	614	15,548.00	3	0	0	13,969	37,287	5,824,958	217,197	968,590	6.230	25.977
August	614	3,060.00	1	0	0	15,137	7,925	5,844,598	46,319	208,286	6.807	26.282
September	614	24,366.00	6	0	0	13,568	56,937	5,806,525	330,606	1,488,274	6.108	26.119
October	614	11,346.00	2	0	0	13,604	26,586	5,826,270	154,498	702,206	6.167	26.413
Total												
1994												
January	586	5,443.00	1	0	0	14,511	0	0	78,984	319,028	5.861	0.000
February	586	3,965.00	1	0	0	13,717	0	0	54,388	219,179	5.528	0.000
March	586	6,702.00	2	0	0	13,976	0	0	93,669	375,670	5.605	0.000
April	586	21,828.00	5	0	0	13,691	0	0	298,839	1,192,548	5.463	0.000
May	586	30,972.00	7	0	0	13,881	0	0	429,920	1,693,777	5.469	0.000
June	586	16,576.00	4	0	0	13,962	0	0	231,430	922,155	5.563	0.000
July	586	17,451.00	4	0	0	13,952	0	0	243,656	972,175	5.571	0.000
August	586	2,356.00	1	0	0	15,333	0	0	36,125	147,475	6.260	0.000
September	586	840.00	0	0	0	17,276	0	0	14,512	69,452	8.316	0.000
October	586	20.00	0	0	0	55,508	0	0	1,110	4,803	24.015	0.000
November	586	721.00	0	0	0	13,843	0	0	9,981	40,874	5.669	0.000
December	617	2,641.00	1	0	0	13,733	0	0	36,268	248,964	5.640	0.000
1995												
January	614	1,570.00	0	0	0	15,200	0	0	23,864	97,705	6.223	0.000

Notes :

\$ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\EQG\RATE\SCHA_SYS\AFPPCSAV.DBF
 Unit Quantity by fueltype : Coal-TON, Light Oil-MBTU, Heavy Oil-MBTU, Natural Gas-CF, Nuclear-MBTU.

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01/15/1997 FL

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
DRY PEAKER 1-10												
Total												
1995												
February	614	10,440.00	3	0	0	13,329	0	0	141,823	586,659	5.514	0.000
March	614	444.00	0	0	0	16,912	0	0	7,509	30,935	5.967	0.000
April	584	2,088.00	0	0	0	13,616	0	0	28,430	118,886	5.694	0.000
May	584	13,746.00	3	0	0	13,901	0	0	191,086	786,695	5.723	0.000
June	614	2,984.00	1	0	0	14,689	0	0	43,833	175,637	5.886	0.000
July	614	3,743.00	1	0	0	54,285	0	0	203,190	838,644	22.406	0.000
August	614	47,299.00	10	0	0	10,752	0	0	508,540	2,110,713	4.463	0.000
September	614	6,347.00	1	0	0	12,204	0	0	77,460	330,747	5.211	0.000
October	614	7,704.00	2	0	0	13,505	0	0	104,042	399,895	5.191	0.000
November	614	3,855.00	1	0	0	13,348	0	0	51,455	216,149	5.607	0.000
December	614	5,632.00	1	0	0	13,986	0	0	78,771	332,749	5.908	0.000
1996												
January	614	10,556.00	2	0	0	13,662	0	0	144,216	631,821	5.985	0.000
February	614	11,603.00	3	0	0	12,728	0	0	147,682	645,807	5.566	0.000
March	614	20,422.00	4	0	0	12,844	0	0	262,304	1,222,723	5.987	0.000
April	614	17,929.00	4	0	0	13,741	0	0	246,356	1,100,604	6.139	0.000
May	614	30,950.00	7	0	0	13,652	0	0	422,520	1,937,201	6.259	0.000
June	614	11,943.00	3	0	0	13,655	0	0	163,066	733,587	6.142	0.000
July	614	15,548.00	3	0	0	13,969	0	0	217,197	968,590	6.230	0.000
August	614	3,060.00	1	0	0	15,137	0	0	46,319	208,286	6.807	0.000
September	614	24,366.00	6	0	0	13,568	0	0	330,606	1,418,274	6.108	0.000
October	614	11,386.00	2	0	0	13,604	0	0	154,498	702,206	6.167	0.000
MOG PEAKER 1-4												
Light Oil												
1994												
January	110	94.53	0	0	0	18,217	291	5,916,109	1,722	7,277	7.698	25.007
February	110	0.00	0	0	0	0	0	0	0	0	0.000	0.000
March	121	90.60	1	0	0	17,561	269	5,916,109	1,591	7,082	7.817	26.327
April	110	15.80	0	0	0	31,875	85	5,908,526	503	2,238	14.165	26.329
May	110	905.08	3	0	0	15,792	2,419	5,908,526	14,293	63,687	7.031	26.328
June	110	971.95	3	0	0	16,163	2,659	5,908,526	15,710	70,006	7.203	26.328
July	110	3.30	4	0	0	17,890	10	5,908,526	59	401	12.159	40.100
August	110	16.36	1	0	0	21,333	59	5,908,526	349	1,517	9.273	25.712
September	110	320.44	1	0	0	16,096	873	5,908,526	5,158	22,443	7.004	25.708
October	113	749.36	1	0	0	15,305	1,941	5,908,526	11,469	49,900	6.659	25.708
November	110	7.64	0	0	0	24,093	31	5,908,526	184	797	10.436	25.710
December	110	16.90	0	0	0	20,651	59	5,908,526	349	1,461	8.645	24.763

Notes :

\$ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\ENG\RATE\SCRA_STIS\A4PFC5AV.DBF
 Unit quantity by fueltype = Coal-TON; Light Oil-BBL; Heavy Oil-BBL; Natural Gas-CF; Nuclear-MBTU

FL PUBLIC SERVICE ODM Fax: 904-487-0509 Feb 10 '97 9:51 P.03

Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MWH)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
HIGH PEAKER 1-4												
Light Oil												
1995												
January	110	60.28	0	0	0	41,277	422	5,893,924	2,488	10,347	17.233	24.634
February	124	1,029.52	2	0	0	13,854	2,420	5,893,924	14,263	59,438	5.773	24.561
May	110	481.44	6	0	0	15,975	1,305	5,893,924	7,691	32,052	6.657	24.561
June	110	154.36	5	0	0	13,054	342	5,893,924	2,035	8,400	5.442	24.561
July	110	32.33	10	0	0	13,704	75	5,893,924	443	1,842	5.698	24.560
August	110	880.47	12	0	0	16,045	2,397	5,893,924	14,127	58,873	5.687	24.561
December	110	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
1996												
January	110	235.41	1	0	0	14,970	602	5,855,855	3,524	14,546	6.179	24.163
February	128	1,284.83	2	0	0	14,684	3,222	5,855,855	18,867	77,989	6.070	24.205
March	125	352.87	0	0	0	14,918	899	5,855,855	5,264	21,910	6.209	24.372
July	110	325.92	8	0	0	21,587	796	5,855,855	4,661	20,462	9.477	25.706
August	110	45.55	7	0	0	15,413	120	5,855,855	702	3,085	6.773	25.708
October	110	147.41	2	0	0	18,432	464	5,855,855	2,717	11,928	8.092	25.707
Natural Gas												
1994												
January	0	0.18	0	0	0	17,143	3	1,047	3	-181	-103.429	-60.333
March	0	742.40	0	0	0	18,731	13,281	1,047	13,906	36,096	4.862	2.718
May	0	1,851.32	0	0	0	16,199	25,819	1,036	26,749	55,323	3.350	2.143
June	0	1,092.65	0	0	0	17,078	18,098	1,031	18,660	43,601	3.990	2.409
July	0	2,871.50	0	0	0	18,757	51,690	1,042	53,861	109,361	3.808	2.116
August	0	1,119.44	0	0	0	23,071	24,905	1,037	25,827	52,910	4.726	2.124
September	0	255.06	0	0	0	16,479	4,065	1,034	4,203	12,662	4.964	3.115
October	0	21.84	0	0	0	16,025	339	1,031	350	418	1.914	1.233
November	0	56.06	0	0	0	14,626	798	1,028	820	1,578	2.815	1.977
1995												
January	0	84.23	0	0	0	42,434	3,464	1,032	3,574	6,421	7.861	1.911
February	0	707.78	0	0	0	14,242	9,768	1,032	10,080	17,447	2.465	1.786
March	110	886.90	1	0	0	13,527	11,625	1,032	11,997	21,886	2.468	1.883
April	110	1,566.40	2	0	0	16,401	24,845	1,034	25,690	45,863	2.928	1.846
May	0	4,286.36	0	0	0	17,064	70,602	1,036	73,143	148,716	3.470	2.106
June	0	4,045.94	0	0	0	14,083	55,598	1,035	57,544	134,276	3.286	2.415
July	0	8,347.07	0	0	0	14,464	116,648	1,035	120,731	224,555	2.690	1.925
August	0	8,737.23	0	0	0	17,214	145,473	1,034	150,419	296,607	3.395	2.039
September	110	475.70	1	0	0	25,559	11,742	1,035	12,154	-14,528	-3.054	-1.237
October	110	4,184.20	5	0	0	15,700	62,805	1,046	65,694	130,330	3.115	2.075
November	110	28.90	0	0	0	13,495	373	1,046	390	-162	-0.561	-0.434
December	110	0.00	0	0	0	0	0	0	0	71,142	0.000	0.000

FL PUBLIC SERVICE COMMISSION FAX: 904-487-0509
 Feb 10 '97 9:51 P.04

*1/2 to 1/3 Fuel
 cost on gas*

Notes :

\$ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\REG\RATE\SCHA SYS\AFPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CP, Nuclear-MBTU

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MMWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
HIGH PEAKER 1-4												
Natural Gas												
1996												
January	0	560.59	0	0	0	16,244	8,648	1,053	9,106	38,385	6.847	4.439
February	0	182.97	0	0	0	15,609	2,723	1,049	2,856	10,467	5.721	3.844
March	0	9.33	0	0	0	15,859	141	1,047	148	-191	-2.047	-1.355
April	110	604.40	1	0	0	16,037	9,240	1,049	9,693	38,890	6.434	4.209
May	110	5,833.90	7	0	0	16,277	90,525	1,049	94,960	205,731	3.526	2.273
June	110	3,145.90	4	0	0	15,565	47,310	1,035	48,966	170,706	5.426	3.608
July	0	6,418.98	0	0	0	17,395	106,445	1,049	111,661	274,703	4.280	2.581
August	0	6,078.55	0	0	0	15,919	92,246	1,049	96,767	268,510	4.417	2.911
September	110	711.00	1	0	0	16,513	11,225	1,046	11,741	76,269	10.727	6.795
October	0	1,760.79	0	0	0	16,094	27,092	1,046	28,338	68,411	3.885	2.525
Total												
1994												
January	110	94.71	0	0	0	18,213	0	0	1,725	7,096	7.492	0.000
February	110	0.00	0	0	0	0	0	0	0	0	0.000	0.000
March	121	933.00	1	0	0	18,604	0	0	15,497	43,178	5.183	0.000
April	110	15.80	0	0	0	31,835	0	0	503	2,238	14.165	0.000
May	110	2,556.40	3	0	0	16,055	0	0	41,042	119,010	4.655	0.000
June	110	2,064.60	3	0	0	16,647	0	0	34,370	113,607	5.503	0.000
July	110	2,874.80	4	0	0	18,756	0	0	53,920	109,762	3.818	0.000
August	110	1,135.80	1	0	0	23,046	0	0	26,176	54,427	4.792	0.000
September	110	575.50	1	0	0	16,266	0	0	9,361	35,105	6.100	0.000
October	113	771.20	1	0	0	15,325	0	0	11,819	50,318	6.525	0.000
November	110	63.70	0	0	0	15,761	0	0	1,004	2,375	3.728	0.000
December	110	16.90	0	0	0	20,651	0	0	349	1,461	8.646	0.000
1995												
January	110	144.51	0	0	0	41,949	0	0	6,062	17,008	11.769	0.000
February	129	1,737.30	2	0	0	14,012	0	0	24,343	76,885	4.426	0.000
March	110	886.90	1	0	0	13,527	0	0	11,997	21,886	2.468	0.000
April	110	1,566.40	2	0	0	16,400	0	0	25,690	45,163	2.928	0.000
May	110	4,767.80	6	0	0	16,954	0	0	80,834	180,768	3.791	0.000
June	110	4,240.30	5	0	0	14,046	0	0	59,559	142,676	3.365	0.000
July	110	8,379.40	19	0	0	14,461	0	0	121,174	226,397	2.702	0.000
August	110	9,617.70	12	0	0	17,109	0	0	164,546	355,480	3.696	0.000
September	110	475.70	1	0	0	25,550	0	0	12,154	-14,528	-3.054	0.000
October	110	4,184.20	5	0	0	15,700	0	0	65,694	130,330	3.115	0.000
November	110	28.90	0	0	0	13,495	0	0	390	-162	-0.561	0.000
December	220	0.00	0	0	0	0	0	0	0	71,142	0.000	0.000
1996												
January	110	796.00	1	0	0	15,867	0	0	12,630	52,931	6.650	0.000

Notes :

\$ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\BAG\RATE\SCHA_SYS\A4FPCHAV.DBF
 Unit Quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
HIGH PEAKER 1-4												
Total												
1996												
February	128	1,467.80	2	0	0	14,800	0	0	21,723	88,456	6.026	0.000
March	125	362.20	0	0	0	14,942	0	0	5,412	21,719	5.996	0.000
April	110	604.40	1	0	0	16,037	0	0	9,693	38,890	6.435	0.000
May	110	5,833.90	7	0	0	16,277	0	0	94,960	205,731	3.527	0.000
June	110	3,145.90	4	0	0	15,565	0	0	48,966	179,706	5.426	0.000
July	110	6,744.90	8	0	0	17,246	0	0	116,322	295,205	4.377	0.000
August	110	6,124.10	7	0	0	15,916	0	0	97,469	271,595	4.436	0.000
September	110	711.00	1	0	0	16,513	0	0	11,741	75,269	10.727	0.000
October	110	1,908.20	2	0	0	16,274	0	0	31,055	80,339	4.210	0.000
INTC PEAKER 1-10												
Light Oil												
1995												
August	608	25,338.65	8	0	0	13,306	64,211	5,250,719	337,156	1,582,506	6.241	24.630
September	608	7,908.23	4	0	0	16,979	23,031	5,830,037	134,271	572,305	7.237	24.849
October	768	8,607.30	3	0	0	13,684	31,729	3,712,063	117,780	762,845	8.863	24.043 \$
November	608	2,872.22	2	0	0	14,694	-15,344	4,325,393	-66,369	-159,964	8.169	24.063 \$
December	768	2,714.09	1	0	0	12,815	5,960	5,835,920	34,781	367,233	5.542	25.235 \$
1996												
January	775	8,831.15	2	0	0	13,124	19,916	5,819,457	115,900	466,896	5.513	24.447
February	809	17,335.09	3	0	0	12,058	36,208	5,470,959	209,034	940,319	5.424	24.611
March	770	17,000.99	4	0	0	11,826	36,820	5,460,673	201,062	913,191	5.371	24.801
April	768	3,538.25	1	0	0	12,560	8,092	5,491,922	44,440	202,971	5.736	25.083
May	769	7,664.35	3	0	0	12,347	17,256	5,484,080	94,635	445,685	5.815	26.828
June	768	10,464.92	6	0	0	11,132	19,918	5,849,012	116,499	509,694	4.871	25.590
July	768	21,327.54	11	0	0	12,263	44,679	5,853,704	261,539	1,146,347	5.375	25.657
August	768	3,880.42	4	0	0	12,653	8,374	5,863,203	49,098	216,086	5.569	25.844
September	608	7,255.56	12	0	0	11,615	14,449	5,832,316	84,270	378,809	5.221	26.217
October	768	1,855.35	5	0	0	13,582	4,068	5,860,402	23,841	106,559	6.071	26.194
Natural Gas												
1995												
August	0	10,408.75	0	0	0	12,566	126,498	1,034	130,799	305,554	2.936	2.415
September	0	9,203.47	0	0	0	12,604	112,081	1,035	116,004	212,865	2.313	1.899
October	0	9,509.00	0	0	0	16,547	152,008	1,046	159,001	328,758	3.421	2.163
November	0	4,633.58	0	0	0	15,441	68,402	1,046	71,548	157,796	3.405	2.307
December	0	1,629.92	0	0	0	11,922	18,454	1,053	19,432	99,716	6.118	5.403
1996												
January	0	4,394.95	0	0	0	12,946	54,035	1,053	56,899	278,210	6.330	5.149

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\BAG\RATE\SCHA_SYS\MFPFCBAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (¢/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
INTC PEAKER 1-10												
Natural Gas												
1996												
February	0	295.11	0	0	0	12,999	3,456	1,049	3,836	9,606	3.255	2.627
March	0	5,591.21	0	0	0	13,011	69,507	1,047	72,773	346,000	6.186	4.978
April	0	302.76	0	0	0	25,321	7,308	1,049	7,666	-8,759	-2.893	-1.199
May	0	9,455.85	0	0	0	14,030	126,472	1,049	132,669	349,089	3.692	2.760
June	0	21,694.29	0	0	0	13,968	292,906	1,031	303,018	879,532	4.054	2.993
July	0	44,259.66	0	0	0	12,950	548,386	1,049	573,158	1,442,932	3.260	2.641
August	0	19,168.88	0	0	0	12,855	234,913	1,049	246,423	680,052	3.548	2.895
September	0	45,966.54	0	0	0	13,603	597,767	1,046	625,264	1,543,605	3.358	2.582
October	0	29,194.95	0	0	0	13,251	369,836	1,046	386,851	959,081	3.285	2.593
Total												
1995												
August	608	35,747.40	8	0	0	13,091	0	0	467,955	1,887,060	5.279	0.000
September	608	17,111.70	4	0	0	14,626	0	0	250,275	785,170	4.589	0.000
October	768	18,216.30	3	0	0	15,194	0	0	276,781	1,051,603	5.993	0.000
November	608	7,505.80	2	0	0	690	0	0	5,179	-2,168	-0.029	0.000
December	768	4,344.01	1	0	0	12,480	0	0	54,213	466,949	10.749	0.000
1996												
January	775	13,126.10	2	0	0	13,065	0	0	172,789	765,106	5.785	0.000
February	809	17,430.20	3	0	0	12,074	0	0	212,870	949,925	5.388	0.000
March	770	22,594.20	4	0	0	12,120	0	0	273,835	1,259,191	5.573	0.000
April	768	3,841.01	1	0	0	13,566	0	0	52,106	194,212	5.056	0.000
May	769	17,120.20	3	0	0	13,277	0	0	227,304	794,774	4.642	0.000
June	768	32,159.21	6	0	0	13,045	0	0	419,517	1,349,226	4.320	0.000
July	768	65,587.20	11	0	0	12,727	0	0	834,497	2,549,279	3.948	0.000
August	768	23,049.30	4	0	0	12,821	0	0	295,521	896,138	3.888	0.000
September	608	53,222.10	12	0	0	13,332	0	0	709,534	1,922,414	3.612	0.000
October	768	31,050.30	5	0	0	13,227	0	0	410,692	1,065,640	3.432	0.000
INTC PEAKER 1-6												
Light Oil												
1994												
January	580	16,689.90	4	0	0	12,569	35,719	5,872,891	209,774	845,137	5.064	23.661
February	580	1,750.00	0	0	0	12,425	3,719	5,847,411	21,744	90,092	5.148	24.225
March	580	4,543.80	1	0	0	13,957	10,810	5,466,466	63,416	267,382	5.885	24.735
April	580	28,677.40	7	0	0	13,302	65,298	5,441,902	381,465	1,556,977	5.464	23.997
May	580	33,362.40	8	0	0	13,560	77,113	5,866,799	452,407	1,763,333	5.285	22.867
June	540	22,447.70	5	0	0	13,893	53,567	5,822,123	311,874	1,241,972	5.533	23.185
July	515	22,006.70	5	0	0	14,040	52,947	5,835,489	308,972	1,250,618	5.683	23.620

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\REG\RATE\SCHA_SYS\A4PPCSAV.DBF
 Unit quantity by fueltype: Coal-TON, Light Oil-BBL, Heavy Oil-BAL, Natural Gas-CF, Nuclear-MBTU.

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MMH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
INTC PEAKER 1-6												
Light Oil												
1994												
August	580	7,090.30	2	0	0	14,750	17,923	5,834,991	104,580	435,362	6.140	24.291
September	580	3,686.50	1	0	0	14,285	8,971	5,849,995	52,661	213,913	5.803	23.845
October	580	3,929.50	1	0	0	13,847	9,295	5,853,838	54,412	225,256	5.732	24.234
November	580	1,312.20	0	0	0	13,904	3,118	5,851,589	18,245	76,138	5.802	24.419
December	580	4,391.60	1	0	0	13,876	10,425	5,845,499	60,940	256,289	5.836	24.584
1995												
January	608	6,961.20	2	0	0	13,886	16,536	5,845,499	96,664	409,932	5.889	24.790
February	587	12,177.50	3	0	0	13,462	28,093	5,835,507	163,937	703,196	5.775	25.031
March	608	530.80	0	0	0	15,437	1,404	5,835,507	8,194	34,670	6.532	24.694
April	580	4,539.40	1	0	0	13,363	10,330	5,872,533	60,662	258,250	5.689	25.000
May	580	22,441.50	5	0	0	13,392	51,503	5,835,507	300,545	1,229,438	5.478	23.871
June	608	5,980.70	1	0	0	13,825	14,227	5,811,602	82,681	354,823	5.933	24.940
July	608	5,002.10	1	0	0	13,972	11,886	5,880,010	69,889	296,926	5.936	24.961
Natural Gas												
1995												
July	0	0.00	0	0	0	0	0	0	0	7,322	0.000	0.000
Total												
1994												
January	580	16,689.90	4	0	0	12,569	0	0	209,774	845,137	5.064	0.000
February	580	1,750.00	0	0	0	12,425	0	0	21,744	90,092	5.148	0.000
March	580	4,543.80	1	0	0	13,957	0	0	63,416	267,382	5.885	0.000
April	580	28,677.40	7	0	0	13,302	0	0	381,465	1,566,977	5.464	0.000
May	580	33,362.40	8	0	0	13,560	0	0	452,407	1,763,333	5.285	0.000
June	580	22,447.70	5	0	0	13,893	0	0	311,874	1,241,971	5.533	0.000
July	585	22,006.70	5	0	0	14,040	0	0	308,972	1,250,618	5.683	0.000
August	580	7,090.30	2	0	0	14,750	0	0	104,580	435,362	6.140	0.000
September	580	3,686.50	1	0	0	14,285	0	0	52,661	213,913	5.803	0.000
October	580	3,929.50	1	0	0	13,847	0	0	54,412	225,256	5.732	0.000
November	580	1,312.20	0	0	0	13,904	0	0	18,245	76,138	5.802	0.000
December	580	4,391.60	1	0	0	13,876	0	0	60,940	256,289	5.836	0.000
1995												
January	608	6,961.20	2	0	0	13,886	0	0	96,664	409,932	5.889	0.000
February	587	12,177.50	3	0	0	13,462	0	0	163,937	703,196	5.775	0.000
March	608	530.80	0	0	0	15,437	0	0	8,194	34,670	6.532	0.000
April	580	4,539.40	1	0	0	13,363	0	0	60,662	258,250	5.689	0.000
May	580	22,441.50	5	0	0	13,392	0	0	300,545	1,229,438	5.478	0.000
June	608	5,980.70	1	0	0	13,825	0	0	82,681	354,823	5.933	0.000
July	608	5,002.10	1	0	0	13,972	0	0	69,889	304,248	6.082	0.000

Notes :

! Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\ERG\RATE\SCHA_SYS\AFPCSAV.DBP
 Unit Quantity by Fueltype: Coal-TON, Light-Oil-BBL, Heavy-Oil-BBL, Natural-Gas-CF, Nuclear-MBTU

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MMWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
PTSJ PEAKER 1												
Light Oil												
1994												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
March	14	65.00	1	0	0	17,954	201	5,803,794	1,167	5,689	8.752	28.303
April	17	16.00	0	0	0	21,375	59	5,803,794	342	1,670	10.438	28.305
May	14	70.00	1	0	0	16,900	202	5,855,609	7,183	5,717	8.167	28.302
June	14	28.00	0	0	0	19,857	95	5,855,609	556	2,688	9.604	28.305
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	3	5,855,609	16	85	0.000	28.323
November	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
December	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1995												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	18	102.00	1	0	0	16,549	291	5,806,583	1,690	7,993	7.836	27.467
March	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
April	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
May	14	28.00	0	0	0	22,821	110	5,809,380	639	2,906	10.379	26.418
June	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
August	14	310.50	3	0	0	17,269	923	5,809,380	5,362	23,518	7.574	25.480
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
November	14	0.00	0	0	0	0	20	5,819,571	116	510	0.000	25.500
December	14	5.60	0	0	0	231,786	223	5,819,571	1,298	5,682	101.464	25.480
1996												
January	17	163.50	1	0	0	8,190	230	5,819,571	1,339	5,974	3.454	25.974
February	14	179.00	2	0	0	17,134	527	5,819,571	3,067	13,688	7.647	25.973
March	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
April	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
May	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
July	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
Natural Gas												
1995												
July	14	13.60	0	0	0	19,044	44	5,880,292	259	1,097	8.066	24.932
Total												
1994												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: "AS FILED" data reported from S:\PSC\BAG\RATE\SCHA_SYS\AFPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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 - January 1994 through October 1996 -

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Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) BQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
PTSI PEAKER 1												
Total												
1994												
February	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
March	14	65.00	1	0	0	17,954	0	0	1,167	5,689	8.752	0.000
April	17	16.00	0	0	0	21,375	0	0	342	1,670	10.438	0.000
May	14	70.00	1	0	0	16,900	0	0	1,163	6,717	8.167	0.000
June	14	28.00	0	0	0	19,857	0	0	556	2,689	9.604	0.000
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	18	85	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
November	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
December	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1995												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	18	102.00	1	0	0	16,569	0	0	1,690	7,993	7.836	0.000
March	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
April	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
May	14	28.00	0	0	0	22,821	0	0	639	2,906	10.379	0.000
June	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
July	14	13.60	0	0	0	19,044	0	0	259	1,097	8.066	0.000
August	14	310.50	3	0	0	17,269	0	0	5,362	23,518	7.574	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
November	14	0.00	0	0	0	0	0	0	116	510	0.000	0.000
December	14	5.60	0	0	0	231,786	0	0	1,298	5,682	101.464	0.000
1996												
January	17	163.50	1	0	0	8,190	0	0	1,339	5,974	3.654	0.000
February	14	179.00	2	0	0	17,134	0	0	3,067	13,688	7.647	0.000
March	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
April	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
May	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
July	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
RIOP PEAKER 1												
Light Oil												
1994												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\BAG\RATE\SCHA_SYS\A4PPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MM)	(2) NET GENERATION (MMH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
RIOP PEAKER 1												
Light Oil												
1994												
February	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
March	14	64.00	1	0	0	17,563	192	5,855,609	1,124	5,477	8.558	28.526
April	14	0.00	0	0	0	0	0	0	0	-297	0.000	0.000
May	14	57.00	1	0	0	16,384	161	5,803,794	934	4,344	7.621	26.981
June	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
July	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
November	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
December	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1995												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	18	101.60	1	0	0	15,512	268	5,880,292	1,576	7,231	7.117	26.981
March	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
April	14	273.00	3	0	0	17,613	818	5,880,292	4,810	19,369	7.095	23.678
May	14	291.00	3	0	0	17,966	889	5,880,292	5,128	22,138	7.608	24.902
June	14	3.00	0	0	0	80,333	41	5,880,292	241	1,022	34.067	24.927
July	14	13.60	0	0	0	19,044	44	5,880,292	259	1,097	8.066	24.932
August	14	298.00	3	0	0	17,188	871	5,880,292	5,122	21,243	7.129	24.389
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
November	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1996												
January	17	144.40	1	0	0	16,150	401	5,816,024	2,332	9,976	6.909	24.878
February	17	127.50	1	0	0	14,643	321	5,816,024	1,867	7,986	6.264	24.879
March	18	50.60	0	0	0	16,443	143	5,816,024	832	3,558	7.032	24.881
April	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
May	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
June	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
July	14	0.00	0	0	0	0	37	5,416,024	215	922	0.000	24.919
August	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
Total	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1994												
January	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	14	0.00	0	0	0	0	0	0	0	0	0.000	0.000

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\ERG\RATE\SCHA_SYS\MFPSCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
RIOP PEAKER 1												
Total												
1994												
March	14	64.00	1	0	0	17,563	0	0	1,124	5,477	8.558	0.000
April	14	0.00	0	0	0	0	0	0	-297	0.000	0.000	0.000
May	14	57.00	1	0	0	16,386	0	934	4,344	7.621	0.000	0.000
June	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
July	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
August	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
November	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
December	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
1995												
January	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
February	18	101.60	1	0	0	15,512	0	1,576	7,231	7.117	0.000	0.000
March	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
April	14	273.00	3	0	0	17,619	0	4,810	19,369	7.095	0.000	0.000
May	14	291.00	3	0	0	17,966	0	5,228	22,138	7.608	0.000	0.000
June	14	3.00	0	0	0	80,333	0	241	1,022	34.067	0.000	0.000
July	14	13.60	0	0	0	19,044	0	259	1,097	8.066	0.000	0.000
August	14	298.00	3	0	0	17,188	0	5,122	21,243	7.129	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
November	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
1996												
January	17	144.40	1	0	0	16,150	0	2,332	9,976	6.909	0.000	0.000
February	17	127.50	1	0	0	14,643	0	1,867	7,986	6.264	0.000	0.000
March	18	50.60	0	0	0	16,443	0	832	3,558	7.032	0.000	0.000
April	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
May	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
June	14	0.00	0	0	0	0	0	215	922	0.000	0.000	0.000
July	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
August	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
September	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
October	14	0.00	0	0	0	0	0	0	0	0.000	0.000	0.000
SUNA PEAKER 1-3												
Light Oil												
1994												
January	159	1,800.70	2	0	0	13,029	4,046	5,798,624	23,462	94,068	5.224	23.250

Notes :

! Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\RAG\RATE\SCHA_SYS\M4PPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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FL PUBLIC SERVICE COMM Fax:904-487-0509

Schedule A-4 Monthly Report
FLORIDA POWER CORPORATION
- January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MMH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
SDWA BEAKER 1-3												
Light Oil												
1994												
February	159	388.60	0	0	0	14,231	954	5,796,634	5,530	22,102	5.688	23.168
March	159	971.50	1	0	0	13,675	2,292	5,796,555	13,285	53,101	5.466	23.168
April	159	643.80	1	0	0	13,894	1,590	5,796,555	9,216	36,837	5.549	23.164
May	159	2,358.60	2	0	0	13,337	5,427	5,796,131	31,456	125,418	5.317	23.110
June	159	766.50	1	0	0	14,071	1,715	5,796,131	9,941	40,134	5.681	23.802
July	159	1,320.70	1	0	0	13,335	3,040	5,793,159	17,611	70,771	5.359	23.280
August	159	77.70	0	0	0	13,642	183	5,790,734	1,060	4,260	5.483	23.279
September	159	378.20	0	0	0	14,656	957	5,791,195	5,543	22,279	5.891	23.280
October	159	1,028.10	1	0	0	14,443	2,564	5,791,195	14,849	59,690	5.806	23.280
November	159	704.50	1	0	0	13,465	1,638	5,790,780	9,486	38,646	5.486	23.593
December	159	322.80	0	0	0	13,603	758	5,791,978	4,391	17,884	5.540	23.594
1995												
January	159	223.20	0	0	0	15,385	593	5,792,928	3,434	13,669	6.124	23.051
February	169	1,165.20	1	0	0	12,578	2,530	5,792,714	14,656	59,317	5.091	23.445
March	159	128.30	0	0	0	15,951	546	5,792,714	3,163	12,801	6.455	23.445
April	159	1,765.20	2	0	0	13,189	4,013	5,792,714	23,281	94,227	5.338	23.445
May	159	1,929.40	2	0	0	13,713	4,573	5,793,995	26,496	108,281	5.612	23.678
June	159	200.20	0	0	0	15,929	550	5,796,685	3,189	13,023	6.505	23.678
July	159	790.60	1	0	0	13,567	1,850	5,797,787	10,726	43,805	5.641	23.678
August	159	5,056.50	4	0	0	13,359	11,670	5,799,864	67,684	279,031	5.507	23.510
September	159	95.50	0	0	0	14,848	243	5,835,439	1,418	5,960	6.241	24.527
October	159	325.00	0	0	0	13,197	735	5,835,843	4,289	17,574	5.407	23.510
November	159	270.00	0	0	0	14,252	659	5,838,344	3,848	15,757	5.836	23.510
December	159	334.00	0	0	0	11,108	635	5,843,743	3,710	15,483	4.636	24.383
1996												
January	159	1,292.90	1	0	0	13,259	2,932	5,846,478	17,142	71,792	5.553	24.486
February	178	4,033.00	3	0	0	12,541	8,649	5,847,746	50,577	210,884	5.229	24.332
March	159	1,530.90	1	0	0	13,133	3,446	5,848,249	20,105	86,807	5.670	25.191
April	159	82.70	0	0	0	13,640	193	5,848,688	1,124	5,153	6.231	26.699
May	159	1,863.41	2	0	0	13,576	4,323	5,851,723	25,298	111,970	6.099	25.901
June	159	3,296.00	3	0	0	13,416	7,556	5,852,163	44,219	195,198	5.922	25.834
July	159	690.40	1	0	0	14,389	1,597	5,854,153	9,934	43,769	6.340	25.792
August	159	140.20	0	0	0	16,769	400	5,875,797	2,351	10,422	7.434	26.855
September	159	5,024.00	4	0	0	13,518	11,535	5,887,504	67,912	315,454	6.287	27.182
October	159	1,796.70	2	0	0	12,816	3,910	5,889,099	23,027	111,996	6.233	28.643
Natural Gas												
1994												
July	8	0.00	0	0	0	0	0	0	0	0	0.000	0.000

Notes :

\$ Symbol indicates unresolved or potential problems.
Source: 'AS FILED' data reported from S:\PSC\BAG\RATE\BCHA_SYS\A4FPCSAV.DBF
Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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 Feb 10 '97
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Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUITY AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
SUWA PEAKER 1-3												
Total												
1994												
January	159	1,800.70	2	0	0	13,029	0	0	23,462	94,068	5.224	0.000
February	159	388.60	0	0	0	14,231	0	0	5,530	22,102	5.688	0.000
March	159	971.50	1	0	0	13,675	0	0	13,285	53,101	5.466	0.000
April	159	663.80	1	0	0	13,884	0	0	9,216	36,837	5.549	0.000
May	159	2,358.60	2	0	0	13,337	0	0	11,456	125,418	5.318	0.000
June	159	706.50	1	0	0	14,071	0	0	9,941	40,134	5.681	0.000
July	167	1,320.70	1	0	0	13,335	0	0	17,611	70,771	5.359	0.000
August	159	77.70	0	0	0	13,642	0	0	1,060	4,260	5.483	0.000
September	159	378.20	0	0	0	14,656	0	0	5,543	22,279	5.891	0.000
October	159	1,028.10	1	0	0	14,443	0	0	14,849	59,690	5.806	0.000
November	159	704.50	1	0	0	13,465	0	0	9,486	38,646	5.486	0.000
December	159	322.80	0	0	0	13,603	0	0	4,391	17,884	5.540	0.000
1995												
January	159	223.20	0	0	0	15,385	0	0	3,434	13,669	6.124	0.000
February	169	7,165.20	1	0	0	12,578	0	0	14,656	59,317	5.091	0.000
March	159	198.30	0	0	0	15,951	0	0	3,163	12,801	6.455	0.000
April	159	1,765.20	2	0	0	13,189	0	0	23,281	94,227	5.338	0.000
May	159	1,929.40	2	0	0	13,733	0	0	26,496	108,281	5.612	0.000
June	159	200.20	0	0	0	15,929	0	0	3,189	13,023	6.505	0.000
July	159	790.60	1	0	0	13,567	0	0	10,726	43,805	5.541	0.000
August	159	5,066.50	4	0	0	13,359	0	0	67,684	279,031	5.507	0.000
September	159	95.50	0	0	0	14,848	0	0	1,418	5,960	6.241	0.000
October	159	325.00	0	0	0	13,197	0	0	4,289	17,574	5.407	0.000
November	159	270.00	0	0	0	14,252	0	0	3,848	15,757	5.836	0.000
December	159	334.00	0	0	0	11,108	0	0	3,710	15,463	4.636	0.000
1996												
January	159	1,292.90	1	0	0	13,259	0	0	17,142	71,792	5.553	0.000
February	178	4,033.00	3	0	0	12,541	0	0	50,577	210,884	5.229	0.000
March	159	1,530.90	1	0	0	13,133	0	0	20,105	86,807	5.670	0.000
April	159	82.70	0	0	0	13,640	0	0	1,128	5,153	6.231	0.000
May	159	1,863.41	2	0	0	13,576	0	0	25,298	111,970	6.009	0.000
June	159	3,296.00	3	0	0	13,416	0	0	44,219	195,198	5.922	0.000
July	159	690.40	1	0	0	14,389	0	0	9,934	43,769	6.340	0.000
August	159	140.20	0	0	0	16,769	0	0	2,351	10,422	7.434	0.000
September	159	5,024.00	4	0	0	11,518	0	0	67,912	315,854	6.287	0.000
October	159	1,796.70	2	0	0	12,816	0	0	23,027	111,996	6.233	0.000
TURN PEAKER 1-4												
Light Oil												
1994												
January	158	338.70	0	0	0	13,930	810	5,825,621	4,718	19,825	5.853	24.475

Notes :

\$ Symbol indicates unresolved or potential problems.

Source: 'AS FILED' data reported from S:\PSC\EAG\RATE\SCHA_SYS\A4FPCSAV.DBF

Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
TURB PEAKER 1-4												
Light Oil												
1994												
February	158	160.00	0	0	0	9,831	248	5,825,621	1,445	5,601	3.501	22.585
March	176	1,529.00	1	0	0	13,777	3,621	5,817,545	21,065	81,779	5.349	22.585
April	158	2,413.70	2	0	0	14,603	6,059	5,817,545	35,248	136,841	5.669	22.585
May	158	8,304.40	7	0	0	14,561	20,786	5,817,545	120,924	469,445	5.653	22.585
June	158	1,205.00	1	0	0	15,289	3,167	5,817,480	18,423	74,618	6.192	23.561
July	158	1,575.90	1	0	0	13,938	3,776	5,817,480	21,965	89,548	5.682	23.115
August	158	901.10	1	0	0	13,104	2,078	5,822,488	11,808	47,530	5.275	23.437
September	158	321.00	0	0	0	18,355	1,012	5,822,488	5,892	23,637	7.364	23.357
October	158	257.20	0	0	0	16,388	724	5,822,488	4,215	16,910	6.575	23.356
November	158	0.00	0	0	0	0	238	5,822,488	1,385	7,155	0.000	30.063
December	158	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1995												
January	158	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	181	736.30	1	0	0	15,445	1,943	5,853,307	11,372	45,978	6.244	23.663
March	158	234.00	0	0	0	19,137	765	5,853,307	4,478	18,102	7.736	23.663
April	158	78.10	0	0	0	74,571	995	5,853,307	5,824	23,525	38.122	23.643
May	158	3,431.50	3	0	0	15,232	8,930	5,853,307	52,270	211,134	6.153	23.643
June	158	2,701.00	2	0	0	16,110	7,434	5,853,307	43,513	177,206	6.561	23.837
July	158	2,401.60	2	0	0	15,406	6,321	5,853,307	36,999	149,202	6.213	23.604
August	158	5,689.90	5	0	0	15,595	15,160	5,853,307	88,735	353,195	6.207	23.298
September	158	1,185.00	1	0	0	14,186	2,872	5,853,307	16,811	66,752	5.633	23.242
October	158	717.40	1	0	0	15,453	1,894	5,853,307	11,686	43,922	6.122	23.190
November	158	106.70	0	0	0	18,875	344	5,853,307	2,014	7,973	7.472	23.177
December	158	268.00	0	0	0	20,052	918	5,853,307	5,174	21,277	7.939	23.178
1996												
January	206	4,642.70	3	0	0	13,906	11,030	5,853,307	64,563	281,788	6.069	25.547
February	165	5,129.00	4	0	0	13,871	12,154	5,853,307	71,142	308,771	6.020	25.405
March	160	2,198.70	2	0	0	13,849	5,202	5,853,307	30,449	132,450	6.024	25.461
April	158	389.60	0	0	0	16,437	1,094	5,853,307	6,404	27,855	7.150	25.462
May	158	3,909.80	3	0	0	15,290	10,213	5,853,307	59,780	269,681	6.498	26.426
June	158	0.00	0	0	0	0	0	0	0	1,351	0.000	0.000
July	158	1,407.00	1	0	0	15,293	3,676	5,853,307	21,517	94,370	6.707	25.672
August	158	287.00	0	0	0	15,049	934	5,853,307	5,467	23,977	8.354	25.671
September	158	753.00	1	0	0	15,027	1,933	5,853,307	11,315	49,624	6.590	25.672
October	158	0.00	0	0	0	0	54	5,853,307	316	1,383	0.000	25.611
Total												
1994												
January	158	338.70	0	0	0	13,930	0	0	4,718	19,825	5.853	0.000

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\EA8\RATE\SCHA_SYS\ASPPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

Martin Costello

Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MWH)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (MMBTU)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
TURN PRAKER 1-4												
Total												
1994												
February	158	160.00	0	0	0	9,031	0	0	1,445	5,601	3.501	0.000
March	176	1,529.00	1	0	0	13,777	0	0	21,065	81,779	5.349	0.000
April	158	2,413.70	2	0	0	14,603	0	0	35,248	136,841	5.669	0.000
May	158	8,304.40	7	0	0	14,561	0	0	120,924	469,445	5.653	0.000
June	158	1,205.00	1	0	0	15,289	0	0	18,423	74,618	4.392	0.000
July	158	1,575.90	1	0	0	13,938	0	0	21,965	89,548	5.602	0.000
August	158	901.10	1	0	0	13,104	0	0	11,808	47,530	5.275	0.000
September	158	321.00	9	0	0	18,355	0	0	5,892	23,637	7.364	0.000
October	158	257.20	0	0	0	16,388	0	0	4,215	16,910	6.575	0.000
November	158	0.00	0	0	0	0	0	0	1,385	7,155	0.000	0.000
December	158	0.00	0	0	0	0	0	0	0	0	0.000	0.000
1995												
January	158	0.00	0	0	0	0	0	0	0	0	0.000	0.000
February	181	736.30	1	0	0	15,445	0	0	11,372	45,978	6.245	0.000
March	158	234.00	0	0	0	19,137	0	0	4,478	18,102	7.736	0.000
April	158	78.10	0	0	0	74,571	0	0	5,824	23,525	30.122	0.000
May	158	3,431.50	3	0	0	15,232	0	0	52,270	211,134	6.153	0.000
June	158	2,701.00	2	0	0	16,110	0	0	43,513	177,206	6.561	0.000
July	158	2,401.60	2	0	0	15,406	0	0	36,999	149,202	6.213	0.000
August	158	5,689.90	5	0	0	15,595	0	0	88,735	353,195	6.207	0.000
September	158	1,185.00	1	0	0	14,186	0	0	16,811	66,752	5.633	0.000
October	158	717.40	1	0	0	15,453	0	0	11,086	43,922	6.122	0.000
November	158	106.70	0	0	0	18,875	0	0	2,014	7,973	7.472	0.000
December	158	268.00	0	0	0	20,052	0	0	5,374	21,277	7.939	0.000
1996												
January	206	4,642.70	3	0	0	13,905	0	0	64,553	281,788	6.970	0.000
February	165	5,129.00	1	0	0	13,871	0	0	71,142	308,771	6.020	0.000
March	160	2,198.70	2	0	0	13,849	0	0	30,449	132,450	6.024	0.000
April	158	389.60	0	0	0	16,437	0	0	6,404	27,855	7.150	0.000
May	158	3,909.80	3	0	0	15,290	0	0	59,780	269,681	6.898	0.000
June	158	0.00	0	0	0	0	0	0	0	1,351	0.000	0.000
July	158	1,407.00	1	0	0	15,293	0	0	21,517	94,370	6.707	0.000
August	158	287.00	0	0	0	19,049	0	0	5,467	23,977	8.354	0.000
September	158	753.00	1	0	0	15,027	0	0	11,315	49,624	6.590	0.000
October	158	0.00	0	0	0	0	0	0	316	1,383	0.000	0.000
U-CF-FLA UNIT 1												
Light Oil												
1994												
February	0	0.00	0	0	0	0	127	5,716,530	726	3,195	0.000	25.157

Notes :

§ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\BAG\RATE\SCRA_SYS\A9PPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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Schedule A-4 Monthly Report
FLORIDA POWER CORPORATION
- January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWE)	(3) CAP FACTOR (%)	(4) EQUIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
U-OP-PLA UNIT 1												
Light Oil												
1994												
March	0	0.00	0	0	0	0	110	5,725,499	630	2,927	0.000	26.409
April	0	0.00	0	0	0	0	155	5,738,681	890	3,758	0.000	24.245
July	39	0.00	51	0	0	0	1	0	0	24	0.000	24.000
October	39	0.00	58	0	0	0	164	5,740,115	942	3,940	0.000	24.024
December	39	0.00	57	0	0	0	582	5,740,115	3,340	15,785	0.000	27.122
1995												
January	0	0.00	0	0	0	0	126	5,740,115	724	3,423	0.000	27.167
February	36	0.00	81	0	0	0	455	5,740,115	2,612	11,530	0.000	25.341
March	39	0.00	66	0	0	0	148	5,749,327	850	4,721	0.000	31.859
April	39	0.00	75	0	0	0	3	5,862,877	18	73	0.000	24.333
May	39	0.00	67	0	0	0	693	5,862,877	4,063	18,020	0.000	26.003
June	39	0.00	80	0	0	0	689	5,862,877	4,040	17,943	0.000	26.042
August	39	0.00	81	0	0	0	3	5,862,877	18	78	0.000	26.000
September	39	0.00	87	0	0	0	2	5,862,877	12	52	0.000	26.000
October	39	0.00	83	0	0	0	1	5,862,877	6	26	0.000	26.000
1996												
February	0	0.00	0	0	0	0	102	5,862,877	598	2,656	0.000	26.039
April	0	0.00	0	0	0	0	3	5,854,255	18	79	0.000	26.333
July	42	0.00	82	0	0	0	81	5,854,255	474	2,141	0.000	26.432
September	42	0.00	81	0	0	0	2	5,854,255	12	53	0.000	26.500
Heavy Oil												
1994												
May	39	0.00	44	0	51	574,011	5	293	1,236	0	0.000	24.235
Natural Gas												
1994												
January	36	72.50	0	0	0	101,959	7,060	1,047	7,392	144,421	139.201	20.456
February	39	12,150.00	46	0	0	15,626	182,558	1,040	189,860	540,046	4.445	2.958
March	39	22,654.80	71	0	0	11,197	242,279	1,047	253,666	663,776	2.930	2.740
April	39	18,233.00	65	0	0	11,720	205,273	1,041	213,689	473,468	2.597	2.307
May	0	12,772.20	0	0	0	14,120	174,077	1,036	180,344	390,346	3.056	2.242
June	39	13,120.40	47	0	0	14,717	187,288	1,031	193,093	476,906	3.635	2.546
July	0	14,881.00	0	0	0	12,943	184,844	1,042	192,608	353,493	2.375	1.912
August	39	5,684.00	20	0	0	23,545	129,055	1,037	133,830	237,735	4.183	1.842
September	38	4,367.00	16	0	0	49,160	207,621	1,034	214,680	500,281	11.456	2.410
October	0	16,751.20	0	0	0	12,708	206,474	1,031	212,874	340,509	2.833	1.649
November	39	18,832.30	67	0	0	12,217	223,790	1,028	230,857	444,842	2.362	1.988
December	0	16,677.30	0	0	0	12,752	206,478	1,030	212,673	418,301	2.508	2.026
1995												
January	39	20,630.50	71	0	0	12,125	242,392	1,032	250,148	446,925	2.166	1.844

Notes :

§ Symbol indicates unresolved or potential problems.
Source: 'AS FILED' data reported from S:\PSC\EAG\RATE\SCHE_SYS\AFPCSAV.DBF
Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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Schedule A-4 Monthly Report
 FLORIDA POWER CORPORATION
 - January 1994 through October 1994 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY {MW}	(2) NET GENERATION {MWH}	(3) CAP FACTOR {%}	(4) EQUIV AVAIL FACTOR {%}	(5) OUTPUT NET FACTOR {%}	(6) AVG. NET HEAT RATE {BTU/KWH}	(7) FUEL BURNED {UNITS}	(8) FUEL HEAT VALUE {BTU/UNIT}	(9) FUEL BURNED {MMBTU}	(10) AS BURNED FUEL COST {\$}	(11) FUEL COST PER KWH {¢/KWH}	(12) FUEL COST PER UNIT {\$/UNIT}
U-OP-FLA UNIT 1												
Natural Gas												
1995												
February	0	19,614.10	0	0	0	11,520	218,946	1,032	225,952	397,801	2.028	1.817
March	0	19,272.00	0	0	0	12,388	231,340	1,032	238,742	377,201	1.957	1.631
April	0	20,958.40	0	0	0	11,231	227,652	1,034	235,392	430,879	2.056	1.893
May	0	19,409.10	0	0	0	11,159	209,923	1,036	217,481	441,675	2.277	2.114
June	0	22,345.50	0	0	0	11,621	250,897	1,035	259,678	521,831	2.315	2.690
July	34	22,348.80	84	0	0	11,065	241,073	1,035	249,510	566,548	2.513	2.350
August	0	23,529.60	0	0	0	10,825	246,330	1,034	254,704	416,142	1.769	1.689
September	0	24,515.80	0	0	0	10,510	248,946	1,035	257,658	729,195	2.974	2.929
October	0	24,059.90	0	0	0	10,301	239,470	1,035	247,852	390,348	1.622	1.630
November	36	23,225.40	90	0	0	10,597	237,338	1,037	246,120	439,025	1.890	1.850
December	39	26,602.30	92	0	0	10,653	270,153	1,049	283,391	-168,285	-0.633	-0.423
1996												
January	36	26,696.40	100	0	0	10,940	278,423	1,049	292,065	831,369	3.114	2.386
February	39	24,920.20	92	0	0	10,747	255,803	1,047	267,825	626,559	2.514	2.449
March	42	28,128.40	90	0	0	10,286	276,863	1,045	289,321	753,313	2.678	2.121
April	42	24,480.40	81	0	0	10,887	255,523	1,043	266,510	710,960	2.904	2.382
May	42	20,185.10	65	0	0	11,279	218,274	1,043	227,661	827,243	4.098	3.190
June	42	26,522.90	88	0	0	9,932	253,289	1,040	263,421	544,901	2.054	2.151
July	0	25,577.00	0	0	0	10,577	259,379	1,043	270,533	713,722	2.790	2.752
August	42	26,132.90	84	0	0	10,128	253,767	1,043	264,679	625,777	2.395	2.466
September	0	24,371.80	0	0	0	10,282	241,657	1,037	250,598	440,687	1.808	1.824
October	42	25,717.40	82	0	0	10,874	269,662	1,037	279,639	530,279	2.062	3.366
Total												
1994												
January	36	72.50	0	0	0	101,953	0	0	7,392	144,421	159.201	0.000
February	39	12,150.00	46	0	0	15,686	0	0	190,586	543,241	4.471	0.000
March	39	22,654.80	78	0	0	11,225	0	0	254,296	666,703	2.943	0.000
April	39	18,233.00	65	0	0	11,769	0	0	214,579	477,226	2.617	0.000
May	39	12,772.20	44	0	51	14,217	0	0	181,580	390,346	3.056	0.000
June	39	13,120.40	47	0	0	14,717	0	0	193,093	476,906	3.635	0.000
July	39	14,881.00	51	0	0	12,943	0	0	192,608	353,517	2.376	0.000
August	39	5,684.00	24	0	0	23,545	0	0	133,830	237,735	4.183	0.000
September	38	4,367.00	14	0	0	49,160	0	0	214,680	500,281	11.456	0.000
October	39	16,751.20	54	0	0	12,764	0	0	213,816	344,449	2.056	0.000
November	39	18,831.30	67	0	0	12,217	0	0	230,057	444,842	2.362	0.000
December	39	16,677.30	57	0	0	12,953	0	0	216,013	434,086	2.603	0.000
1995												
January	39	20,630.50	71	0	0	12,169	0	0	250,872	450,348	2.183	0.000

Notes :

\$ Symbol indicates unresolved or potential problems.
 Source: 'AS FILED' data reported from S:\PSC\EAG\RATE\SCHA_SYS\A\FPCSAV.DBF
 Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU

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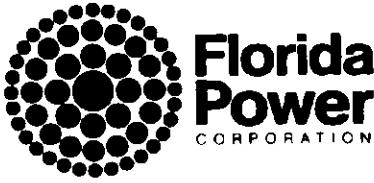
Schedule A-4 Monthly Report
FLORIDA POWER CORPORATION
- January 1994 through October 1996 -

01/15/1997

Generating Unit Fuel Year Month	(1) NET CAPABILITY (MW)	(2) NET GENERATION (MWH)	(3) CAP FACTOR (%)	(4) EQDIV AVAIL FACTOR (%)	(5) NET OUTPUT FACTOR (%)	(6) AVG. NET HEAT RATE (BTU/KWH)	(7) FUEL BURNED (UNITS)	(8) FUEL HEAT VALUE (BTU/UNIT)	(9) FUEL BURNED (MMBTU)	(10) AS BURNED FUEL COST (\$)	(11) FUEL COST PER KWH (\$/KWH)	(12) FUEL COST PER UNIT (\$/UNIT)
U-OF-FLA UNIT 1												
Total												
1995												
February	36	19,614.10	81	0	0	11,653	0	0	228,564	409,331	2.017	0.000
March	39	19,272.00	66	0	0	12,432	0	0	239,592	381,922	1.942	0.000
April	39	20,958.40	75	0	0	11,232	0	0	235,410	430,952	2.056	0.000
May	39	19,489.10	67	0	0	11,368	0	0	221,544	461,695	2.349	0.000
June	39	22,245.50	80	0	0	11,802	0	0	263,718	539,774	2.416	0.000
July	36	22,548.80	84	0	0	11,065	0	0	249,510	566,548	2.513	0.000
August	39	23,529.60	81	0	0	10,826	0	0	254,722	416,220	1.749	0.000
September	39	24,515.80	87	0	0	10,510	0	0	257,670	729,247	2.975	0.000
October	39	24,059.90	83	0	0	10,302	0	0	247,858	390,374	1.623	0.000
November	36	23,225.40	90	0	0	10,597	0	0	246,120	439,625	1.890	0.000
December	39	26,602.30	92	0	0	10,653	0	0	283,391	-168,285	-0.633	0.000
1996												
January	36	26,696.40	100	0	0	10,940	0	0	292,065	831,369	3.114	0.000
February	39	24,920.20	92	0	0	10,771	0	0	268,423	629,215	2.525	0.000
March	42	28,128.40	90	0	0	10,286	0	0	289,321	753,333	2.678	0.000
April	42	24,480.40	81	0	0	10,887	0	0	266,528	711,639	2.945	0.000
May	42	20,185.10	65	0	0	11,279	0	0	227,661	827,243	4.098	0.000
June	42	26,522.90	88	0	0	9,932	0	0	263,421	544,901	2.055	0.000
July	42	25,577.00	82	0	0	10,596	0	0	271,007	715,863	2.799	0.000
August	42	26,132.90	84	0	0	10,128	0	0	264,679	625,777	2.335	0.000
September	42	24,371.80	81	0	0	10,283	0	0	250,610	440,740	1.848	0.000
October	42	25,717.40	82	0	0	10,874	0	0	279,639	530,279	2.062	0.000
ANCLOTE 1												
Light Oil												
1994												
January	0	0.00	0	0	0	0	2,989	5,928,040	17,719	66,259	0.000	22.168
February	0	0.00	0	0	0	0	1,227	5,928,040	7,274	28,481	0.000	23.214
March	0	0.00	0	0	0	0	2,674	5,928,040	15,852	60,512	0.000	22.630
April	0	0.00	0	0	0	0	2,804	5,928,040	16,622	62,193	0.000	22.180
May	0	0.00	0	0	0	0	3,021	5,928,040	17,909	66,876	0.000	22.137
June	0	0.00	0	0	0	0	2,991	5,928,040	17,731	67,417	0.000	22.540
July	0	0.00	0	0	0	0	3,132	5,928,040	18,567	71,486	0.000	22.824
August	0	0.00	0	0	0	0	2,970	5,928,040	17,505	68,808	0.000	23.168
September	0	0.00	0	0	0	0	2,802	5,864,625	16,433	64,005	0.000	22.843
December	0	0.00	0	0	0	0	3,366	5,877,695	19,784	76,499	0.000	22.727
1995												
January	0	0.00	0	0	0	0	2,492	5,844,625	14,615	56,622	0.000	22.722

Notes:

§ Symbol indicates unresolved or potential problems.
Source: "AS FILED" data reported from S:\PSC\EAG\RATE\SCHEM\SYS\AFPCSAV.DBP
Unit quantity by fueltype : Coal-TON, Light Oil-BBL, Heavy Oil-BBL, Natural Gas-CF, Nuclear-MBTU



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JAN 28 1997

**BUREAU OF
AIR REGULATION**

January 27, 1997

Mr. Al Linero, P.E.
Administrator, New Source Review Section
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Linero:

Re: Request to Burn Natural Gas in FPC Combustion Turbines
DeBary DEP Permit No. AO49-203114
Suwannee DEP Permit No. AO61-189579

Florida Power Corporation (FPC) has the opportunity to use, on an interruptible basis, natural gas as a supplemental fuel in peaking units at DeBary (P7-P10) and Suwannee (P1-P3). Accordingly, on November 7, 1996, FPC submitted an application for an air construction permit to install natural gas-firing capability at the DeBary site. (An application for the Suwannee site followed on December 16, 1996.) Additional information was requested by Department letter (dated December 2, 1996) regarding: whether FPC had intended to fire gas in these units when they were originally constructed, what modifications were necessary to burn gas, fuel costs, the description of any restrictions or limitations in our natural gas contract, the feasibility and economics of installing dry low NO_x combustors in these units, and an emissions comparison of the before and after case to determine PSD applicability. FPC responded to these issues in a letter to the Department dated January 6, 1997. In follow-up conversations with the Department, FPC was requested to supply additional information regarding the PSD applicability issue. Although the Department has only formally requested this additional information for DeBary, the issue is the same for the proposed Suwannee conversion. Therefore, this letter serves to transmit the additional information it is believed that the Department requires for both the DeBary and Suwannee plant sites.

The salient issue in the permitting of the DeBary and Suwannee peaker conversions to natural gas is the Department's position regarding PSD applicability. Such a determination is based on comparing past emissions to emissions after the proposed modification. The Department may use several different approaches to conduct this determination: past actual-to-future actual, past actual-to-future potential, or past potential-to-future potential.

A comparison of past actual-to-future potential emissions will nearly always result in a determination of PSD applicability, as the past actual operating history of a unit rarely comes close to the allowable operating limit. This is particularly true for peaking units, whose operating capacities are dependent on the operability of other base load units within the FPC generating mix. FPC believes that it is inappropriate to use a past actual-to-future potential emissions test for these peaker conversions as, by definition, the nature of a peaker's operation is highly variable.

To demonstrate this point, FPC's System Planning Department has conducted several computer runs of the estimated operating hours of all the peaking units within our system for four scenarios. These scenarios are based on the fact that FPC's Crystal River nuclear facility will be inoperable until the fourth quarter of 1997. These scenarios are meant to illustrate how dependent each peaker's operating schedule is on other factors within FPC's system, rather than just what happens at a particular peaker site, such as a natural gas conversion. The four scenarios are: 1) assuming the nuclear unit remains in operation for 1997 (baseline), and the proposed gas conversions do not take place; 2) assuming the nuclear unit remains in operation for 1997 and the proposed gas conversions occur; 3) assuming the nuclear unit will not be in operation until October 1, 1997 and the gas conversions do not occur; and 4) assuming the nuclear unit will not be in operation until October 1, 1997 and the proposed gas conversions occur.

→ The attached Table 1 was constructed from the System Planning data discussed above, as well as Annual Operating Reports for the years 1993 through 1996. Table 1 provides a view of annual operating hours for a five year period (including estimated hours for 1997, under four different scenarios), for the peakers at Suwannee (P1-P3), DeBary (P7-P10), and the peakers converted to natural gas at Intercession City (P7-P10). It's interesting to note that the nuclear unit being down has the effect of almost doubling FPC's systemwide peaker operating hours (i.e., Cases S1 and S2 of approximately 21,000 hours vs. cases S3 and S4 of approximately 37,000 hours). Cases S3 and S4 show that, with the nuclear unit down and the proposed gas conversion, the systemwide peaker hours actually decrease slightly. It's interesting to note that if the nuclear unit had not gone down and the proposed gas conversions were to take place Case S2), *in no instance would any of these peakers of interest have operated more than they are projected to operate this year on oil with the nuclear unit down (Case S3)*. All background data used in compiling this table is included in an appendix to this letter.

EPA's discussion of current law in the WEPCo rule preamble makes clear that, by limiting the revised rule regarding the so-called "demand growth exclusion" to electric utility steam generating units, the Agency did not intend to foreclose application of the similar exclusion that is currently available to all other sources. In the preamble, EPA expressly recognizes that the NSR regulatory provisions require that the physical or operational change *result in* an increase in actual emissions in order to consider that change to be a modification." According to EPA the "new provision does not diminish the scope of coverage of the NSR regulations." 57 Fed. Reg. at 32,327. In other words, EPA expressly recognizes that, under current law applicable to all sources, the "result in" language of the NSR regulations demands that emissions attributable to factors independent of a physical or operational change (e.g., demand growth, other external factors, etc.) be excluded from calculating an emission increase following that physical or operational change. EPA continues, where "projected increased operations are in response to an independent factor such as demand growth, which could have occurred and

affected the unit's operations during the representative baseline period even in the absence of the physical or operational change," such increased operations cannot be said to result from the change and therefore may be excluded from the projection of the unit's future actual emissions." Id. (emphasis added). Again, as stated above, a comparison of Cases S2 and S3 illustrate that the increase in operating hours of the subject peakers would have occurred even in the absence of the proposed modifications.

Under the State of Florida's definition of actual emissions (62-210.200(12)(b)), the Department may presume that unit-specific allowable emissions for an emission unit are equivalent to the actual emissions (i.e., past actuals may be considered to be equivalent to allowable emissions) provided that, for any regulated air pollutant, such unit-specific allowable emission limits are federally enforceable. It is important to note that comparing potential-to-potential emissions for the switch from No. 2 fuel oil to natural gas results in significant decreases of all criteria pollutants, except for the case of CO and VOC emissions at Suwannee, where slight increases are predicted. The potential comparisons in the following tables are based on maximum allowable operation at each site (i.e., 1,500 hr/yr at Suwannee and 3,390 hr/yr at DeBary).

DeBary Conversion- Emissions Comparison

Pollutant	No. 2 Fuel Oil		Natural Gas	
	lb/hr	tons/yr	lb/hr	tons/yr
NO _x	182	1,234	107	726
PM/PM ₁₀	17	116	7.5	51
CO	54	365	21	144
VOCs	5	34	3	20
SO ₂	555	1,925	3	20
SAM	69	469	0.4	3

Suwannee Conversion- Emissions Comparison

Pollutant	No. 2 Fuel Oil		Natural Gas	
	lb/hr	tons/yr	lb/hr	tons/yr
NO _x	210	473	144	323
PM/PM ₁₀	38	86	31	70
CO	179	402	193	435
VOCs	23	51	25	56
SO ₂	379	853	2	5
SAM	12	26	0.4	1

Mr. Linero
January 27, 1997
Page 4

FPC hopes that the information given satisfactorily addresses your questions. FPC wishes to use the limited amount of natural gas which has become available to it. The already-installed water injection control technology will limit NO_x emissions, reducing emissions when compared to those from burning fuel oil, and resulting in a benefit to the environment.

Please feel free to contact me at (813) 866-5158 if you should have any questions.

Sincerely,



Scott H. Osbourn
Senior Environmental Engineer

Attachments

cc: Martin Costello, DEP DARM
Chris Kirts, DEP NE District
Len Kozlov, DEP Central District
Ken Kosky, KBN/Golder

TABLE 1. FPC PEAKER OPERATING HISTORY AND PROJECTIONS

UNIT	OPERATING HOURS								
	1993	1994	1995	1996	S1	S2	S3	S4	
Suwannee	P1	329	92	98	196	355	440	979	1223
	P2	308	100	94	215	155	236	565	952
	P3	174	61	86	192	245	285	763	1070
DeBary	P7	17	499	438	663	523	1053	1157	1653
	P8	679	492	371	711	467	999	1125	1612
	P9	573	426	439	753	392	914	1016	1488
	P10	728	382	379	630	288	854	870	1426
Int. City	P7	193	873	649	1125	1299	1025	2139	1851
	P8	222	724	562	1269	1193	909	1992	1698
	P9	68	697	715	1177	1090	801	1854	1557
	P10	155	579	512	1186	992	697	1732	1411
Total Systemwide Peaker Hours					21,427	21,013	37,316	36,731	

- S1 -- nuclear unit operating, no gas conversions
- S2 -- nuclear unit operating, with gas conversions
- S3 -- nuclear unit down until 10/1/97, no gas conversions
- S4 -- nuclear unit down until 10/1/97, with gas conversions

S1--- NUCLEAR UNIT OPERATING, NO GAS CONVERSIONS

PM-960543
01/22/97

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
DEBARY 1	15	9	4	0	11	51	79	82	55	3	1	9	319
DEBARY 2	19	12	14	5	34	107	167	161	119	10	9	14	671
DEBARY 3	14	9	5	0	5	34	54	61	38	1	1	7	230
DEBARY 4	11	6	1	0	1	15	24	32	16	0	0	6	113
DEBARY 5	12	6	2	0	1	15	23	31	16	0	0	6	111
DEBARY 6	16	10	10	2	27	90	138	135	98	7	6	12	552
DEBARY 7	17	10	7	1	19	89	134	132	96	5	2	12	523
DEBARY 8	16	10	8	1	24	78	114	113	82	7	3	11	467
DEBARY 9	15	9	6	0	14	67	98	98	70	4	2	10	392
DEBARY 10	14	9	9	2	7	43	69	73	48	2	5	8	288
INT CITY 1	7	4	6	0	0	4	7	10	4	0	1	2	45
INT CITY 2	2	1	0	0	0	1	3	5	2	0	0	0	14
INT CITY 3	4	2	6	0	0	8	12	17	8	0	1	1	60
INT CITY 4	2	1	1	0	0	2	4	6	2	0	0	1	20
INT CITY 5	8	5	10	2	0	9	14	19	9	0	6	3	85
INT CITY 6	3	2	6	0	0	5	9	13	6	0	1	1	46
INT CITY 7	30	18	33	45	153	177	262	240	213	64	37	25	1,299
INT CITY 8	28	18	28	36	131	166	250	229	199	54	31	24	1,193
INT CITY 9	27	17	25	29	109	153	236	218	183	44	27	22	1,090
INT CITY 10	25	16	19	22	91	140	223	207	169	36	23	21	992
INT CITY 11	20	13	15	8	48	0	0	0	0	14	11	15	143
P SWAN 1	11	6	14	3	9	58	88	90	62	2	8	5	355
P SWAN 2	5	3	1	0	2	25	40	49	28	1	0	2	155
P SWAN 3	9	5	14	4	4	36	58	64	41	1	8	3	245

S2--- NUCLEAR UNIT OPERATING, WITH GAS CONVERSIONS

PM-960541
01/22/97

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
DEBARY 1	15	9	4	0	6	21	34	44	23	1	0	6	163
DEBARY 2	19	12	14	5	21	28	45	53	31	1	1	6	236
DEBARY 3	14	9	5	0	3	18	29	38	19	0	0	5	142
DEBARY 4	11	6	1	0	1	10	16	21	11	0	0	3	79
DEBARY 5	12	6	2	0	1	9	15	20	10	0	0	2	78
DEBARY 6	16	10	10	2	16	22	35	44	24	1	1	5	186
DEBARY 7	17	10	7	1	10	177	262	240	213	65	27	25	1,053
DEBARY 8	16	10	8	1	14	166	250	229	199	54	32	23	999
DEBARY 9	15	9	6	0	8	153	236	218	183	44	20	21	914
DEBARY 10	14	9	9	2	4	140	223	207	169	36	38	20	870
INT CITY 1	7	4	6	0	0	3	5	7	3	0	1	2	37
INT CITY 2	2	1	0	0	0	1	3	5	2	0	0	0	14
INT CITY 3	4	2	6	0	0	5	8	12	5	0	1	1	44
INT CITY 4	2	1	1	0	0	2	3	5	2	0	0	1	17
INT CITY 5	8	5	10	2	0	6	9	13	6	0	1	2	62
INT CITY 6	3	2	6	0	0	3	5	9	4	0	0	1	33
INT CITY 7	30	18	33	45	153	129	207	190	155	29	16	18	1,025
INT CITY 8	28	18	28	36	131	118	186	175	138	19	14	17	909
INT CITY 9	27	17	25	29	109	106	166	160	119	16	12	16	801
INT CITY 10	25	16	19	22	91	95	144	143	104	13	10	16	697
INT CITY 11	20	13	15	8	30	0	0	0	0	1	2	7	95
P SWAN 1	11	6	14	3	79	79	69	75	83	8	3	11	440
P SWAN 2	5	3	1	0	37	31	53	60	35	2	2	7	236
P SWAN 3	9	5	14	4	41	34	59	65	38	2	8	7	285

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PAVON PK 1	20	12	15	11	54	109	171	164	124	16	13	15	724
PAVON PK 2	1	1	0	0	0	1	2	3	1	0	0	0	9
PBARTOW 1	6	3	1	0	0	2	3	5	2	0	0	2	25
PBARTOW 2	10	5	3	0	0	5	8	11	5	0	0	4	52
PBARTOW 3	10	5	1	0	0	3	5	9	4	0	0	4	41
PBARTOW 4	11	6	6	1	2	22	35	44	24	1	4	5	160
PBAYBORO 1	2	1	1	0	0	6	11	15	7	0	0	1	44
PBAYBORO 2	2	1	0	0	0	3	5	7	3	0	0	1	22
PBAYBORO 3	5	3	2	0	1	19	31	40	21	0	0	2	125
PBAYBORO 4	3	2	1	0	0	11	17	22	11	0	0	1	69
PHIGGINS 1	20	13	15	10	53	109	171	164	124	16	13	16	724
PHIGGINS 2	1	1	0	0	0	1	2	3	1	0	0	0	10
PHIGGINS 3	21	13	16	13	64	119	189	176	140	29	14	16	811
PHIGGINS 4	20	13	15	12	58	112	176	167	130	21	14	16	753
PINAR 1	1	1	0	0	0	1	1	3	1	0	0	0	9
PTURNER 1	1	1	0	0	0	1	1	3	1	0	0	0	8
PTURNER 2	1	1	0	0	0	1	1	3	1	0	0	0	8
PTURNER 3	13	8	3	0	3	30	47	55	33	1	0	7	201
PTURNER 4	11	6	2	0	0	10	16	22	11	0	0	6	84
ST JOE 1	1	1	0	0	0	1	1	3	1	0	0	0	8
UNIVERS 1	714	645	714	691	438	691	714	714	691	714	691	714	8,133
TOTAL	1,203	940	1,038	898	1,365	2,630	3,712	3,721	2,900	1,057	932	1,031	21,427

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PAVON PK 1	20	12	15	11	47	39	65	70	43	3	3	8	335
PAVON PK 2	1	1	0	0	0	1	2	3	1	0	0	0	9
PBARTOW 1	6	3	1	0	0	60	96	96	63	5	6	13	349
PBARTOW 2	10	5	3	0	0	73	114	113	76	7	8	14	422
PBARTOW 3	10	5	1	0	0	66	105	105	69	6	7	13	388
PBARTOW 4	11	6	6	1	2	86	126	125	91	10	9	15	488
PBAYBORO 1	2	1	1	0	0	4	7	10	4	0	0	1	30
PBAYBORO 2	2	1	0	0	0	2	4	6	2	0	0	1	19
PBAYBORO 3	5	3	2	0	1	13	20	27	14	0	0	2	87
PBAYBORO 4	3	2	1	0	0	6	11	15	7	0	0	1	47
PHIGGINS 1	20	13	15	10	46	38	64	70	43	2	3	8	334
PHIGGINS 2	1	1	0	0	0	1	2	3	1	0	0	0	10
PHIGGINS 3	21	13	16	13	56	44	74	77	49	3	4	11	382
PHIGGINS 4	20	13	15	12	51	41	68	72	45	3	4	8	351
PINAR 1	1	1	0	0	0	1	1	3	1	0	0	0	9
PTURNER 1	1	1	0	0	0	1	1	3	1	0	0	0	8
PTURNER 2	1	1	0	0	0	1	1	3	1	0	0	0	8
PTURNER 3	13	8	3	0	2	15	24	32	16	0	0	4	120
PTURNER 4	11	6	2	0	0	7	11	15	7	0	0	3	61
ST JOE 1	1	1	0	0	0	1	1	3	1	0	0	0	8
UNIVERS 1	714	645	714	691	438	691	714	714	691	714	691	714	8,133
TOTAL	1,203	940	1,038	898	1,400	2,548	3,574	3,597	2,806	1,045	923	1,040	21,013

S3--- NUCLEAR UNIT DOWN TILL 10/1/97, NO GAS CONVERSIONS

PM-960542
01/22/97

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
DEBARY 1	20	13	7	0	88	150	237	219	182	3	1	9	929
DEBARY 2	26	15	19	23	181	220	315	285	260	10	9	14	1,377
DEBARY 3	18	12	7	1	52	120	193	181	142	1	1	7	736
DEBARY 4	15	9	3	0	15	67	103	102	73	0	0	6	393
DEBARY 5	16	10	5	0	14	65	99	99	71	0	0	6	385
DEBARY 6	23	13	15	12	151	189	275	248	225	7	6	12	1,176
DEBARY 7	23	14	14	3	125	192	283	255	230	5	2	12	1,157
DEBARY 8	21	13	14	5	148	179	267	242	216	7	3	11	1,125
DEBARY 9	20	13	12	2	103	166	252	230	201	4	2	10	1,016
DEBARY 10	19	12	15	9	63	136	219	202	165	2	5	8	854
INT CITY 1	11	6	9	1	2	20	31	31	20	0	1	2	135
INT CITY 2	2	1	1	0	0	8	13	13	8	0	0	0	47
INT CITY 3	6	3	10	2	5	36	55	55	38	0	1	1	214
INT CITY 4	3	2	2	0	1	12	19	19	12	0	0	1	69
INT CITY 5	12	7	16	11	7	41	64	64	44	0	6	3	275
INT CITY 6	4	2	8	1	3	27	42	42	28	0	1	1	159
INT CITY 7	63	38	74	156	283	312	381	360	345	64	37	25	2,139
INT CITY 8	57	33	59	119	268	297	369	348	333	54	31	24	1,992
INT CITY 9	52	29	48	91	255	283	355	334	315	44	27	22	1,854
INT CITY 10	48	26	38	72	238	269	343	320	299	36	23	21	1,732
INT CITY 11	30	17	23	33	198	0	0	0	0	14	11	15	341
P SWAN 1	15	9	17	16	76	160	248	228	194	2	8	5	979
P SWAN 2	7	4	1	0	29	101	156	152	113	1	0	2	565
P SWAN 3	13	8	17	19	42	123	199	183	148	1	8	3	763

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PAVON PK 1	26	17	24	39	201	220	305	278	257	16	13	15	1,412
PAVON PK 2	1	1	0	0	0	6	9	9	6	0	0	0	32
PBARTOW 1	9	5	2	0	0	10	15	16	10	0	0	2	69
PBARTOW 2	14	9	6	0	2	23	36	36	24	0	0	4	155
PBARTOW 3	14	9	4	0	1	17	26	26	17	0	0	4	118
PBARTOW 4	15	9	14	6	24	91	138	135	100	1	4	5	542
PBAYBORO 1	4	2	1	0	4	31	48	48	33	0	0	1	172
PBAYBORO 2	2	1	1	0	1	14	22	22	14	0	0	1	79
PBAYBORO 3	8	5	5	0	20	84	127	125	91	0	0	2	468
PBAYBORO 4	5	3	2	0	9	47	73	73	51	0	0	1	265
PHIGGINS 1	24	17	24	38	207	221	310	282	259	16	13	16	1,427
PHIGGINS 2	2	1	1	0	0	6	9	9	6	0	0	0	34
PHIGGINS 3	34	18	28	48	210	237	317	292	271	29	14	16	1,515
PHIGGINS 4	30	17	26	43	202	224	304	279	259	21	14	16	1,434
PINAR 1	1	1	0	0	0	5	8	8	5	0	0	0	29
PTURNER 1	1	1	0	0	0	5	7	7	4	0	0	0	25
PTURNER 2	1	1	0	0	0	5	7	8	4	0	0	0	26
PTURNER 3	17	11	6	0	37	110	175	167	127	1	0	7	660
PTURNER 4	14	9	5	0	9	46	71	71	50	0	0	6	281
ST JOE 1	1	1	0	0	0	5	8	8	5	0	0	0	28
UNIVERS 1	714	645	714	691	438	691	714	714	691	714	691	714	8,133
TOTAL	1,464	1,089	1,298	1,442	3,714	5,274	7,246	6,825	5,945	1,057	932	1,031	37,316

S4--- NUCLEAR UNIT DOWN TILL 10/1/97, WITH GAS CONVERSIONS

PM-960540
01/22/97

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
DEBARY 1	20	13	7	0	57	90	137	134	98	1	0	6	563
DEBARY 2	26	15	19	23	137	108	169	163	122	1	1	6	792
DEBARY 3	18	12	7	1	37	80	121	119	87	0	0	5	488
DEBARY 4	15	9	3	0	15	45	69	69	49	0	0	3	276
DEBARY 5	16	10	5	0	14	43	67	66	46	0	0	2	269
DEBARY 6	23	13	15	12	109	89	138	134	100	1	1	5	640
DEBARY 7	23	14	14	3	85	312	381	360	345	65	27	25	1,653
DEBARY 8	21	13	14	5	103	297	369	348	333	54	32	23	1,612
DEBARY 9	20	13	12	2	69	283	355	334	315	44	20	21	1,488
DEBARY 10	19	12	15	9	47	269	343	320	299	36	38	20	1,426
INT CITY 1	11	6	9	1	2	14	22	22	14	0	1	2	105
INT CITY 2	2	1	1	0	0	8	13	13	8	0	0	0	47
INT CITY 3	6	3	10	2	5	23	36	36	24	0	1	1	149
INT CITY 4	3	2	2	0	1	10	15	16	10	0	0	1	59
INT CITY 5	12	7	16	11	7	27	42	42	28	0	1	2	196
INT CITY 6	4	2	8	1	3	17	26	26	17	0	0	1	107
INT CITY 7	63	38	74	156	283	255	329	306	284	29	16	18	1,851
INT CITY 8	57	33	59	119	268	235	317	290	269	19	14	17	1,698
INT CITY 9	52	29	48	91	255	215	296	276	252	16	12	16	1,557
INT CITY 10	48	26	38	72	238	198	280	252	221	13	10	16	1,411
INT CITY 11	30	17	23	33	167	0	0	0	0	1	2	7	280
P SWAN 1	15	9	17	16	226	175	263	241	239	8	3	11	1,223
P SWAN 2	7	4	1	0	183	141	225	208	171	2	2	7	952
P SWAN 3	13	8	17	19	186	158	241	221	191	2	8	7	1,070

FORECAST OF UNIT SERVICE HOURS FOR 1997

UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PAVON PK 1	26	17	24	39	196	110	177	166	129	3	3	8	899
PAVON PK 2	1	1	0	0	0	6	9	9	6	0	0	0	32
PBARTOW 1	9	5	2	0	0	135	219	200	164	5	6	13	758
PBARTOW 2	14	9	6	0	2	157	244	224	190	7	8	14	876
PBARTOW 3	14	9	4	0	1	150	237	219	182	6	7	13	841
PBARTOW 4	15	9	14	6	24	179	267	243	209	10	9	15	1,000
PBAYBORO 1	4	2	1	0	4	20	31	31	21	0	0	1	114
PBAYBORO 2	2	1	1	0	1	12	19	19	12	0	0	1	68
PBAYBORO 3	8	5	5	0	20	57	89	88	62	0	0	2	335
PBAYBORO 4	5	3	2	0	9	31	49	49	33	0	0	1	182
PHIGGINS 1	24	17	24	38	201	111	175	167	128	2	3	8	898
PHIGGINS 2	2	1	1	0	0	6	9	9	6	0	0	0	34
PHIGGINS 3	34	18	28	48	205	121	196	181	145	3	4	11	994
PHIGGINS 4	30	17	26	43	197	114	182	171	135	3	4	8	929
PINAR 1	1	1	0	0	0	5	8	8	5	0	0	0	29
PTURNER 1	1	1	0	0	0	5	7	7	4	0	0	0	25
PTURNER 2	1	1	0	0	0	5	7	8	4	0	0	0	26
PTURNER 3	17	11	6	0	30	68	104	103	74	0	0	4	420
PTURNER 4	14	9	5	0	9	31	48	47	32	0	0	3	198
ST JOE 1	1	1	0	0	0	5	8	8	5	0	0	0	28
UNIVERS 1	714	645	714	691	438	691	714	714	691	714	691	714	8,133
TOTAL	1,464	1,089	1,298	1,442	3,836	5,112	7,052	6,670	5,759	1,045	923	1,040	36,731

Int. City 1993

APIS ID	District 3 0	Office 0 R L	County 4 9	Facility 0 0 1 4	Source 0 7	INPLT
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SOURCE OPERATION REPORT · PAGE 1 & 2 (SOURCE REPORT 7 OF 10)

FACILITY NAME: Intercession City Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description A 92.9MW Simple Cycle Gas Combustion Turbine		
2. DEP Permit or PPS Number AC 49-203114	3. Source APIS ID 300RL49001407	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type Single Point
2a. Description of Control Equipment "a" Water Injection
2b. Description of Control Equipment "b" No Controls

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	193	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		0%	0%	0%	100%

Shaded areas are for DEP use.

District	Office	County	Facility	Source	INPUT
APIS ID 3 0	0 R L	4 9	0 0 1 4	0 8	

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 8 OF 10)

FACILITY NAME: Intercession City Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description A 92.9 MW Simple Cycle Combustion Turbine		
2. DEP Permit or PPS Number AC 49-203114	3. Source APIS ID 300RL49001408	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type Single Point
2a. Description of Control Equipment "a" Water Injection
2b. Description of Control Equipment "b" No Controls

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	222	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		0%	0%	0%	100%

Shaded areas are for DEP use.

District	Office	County	Facility	Source	INPUT
APIS ID: 3 0	0 R L	4 9	0 0 1 4	0 9	

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 9 OF 10)

FACILITY NAME: Intercession City Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description A 92.9MW Simple Cycle Gas Combustion Turbine		
2. DEP Permit or PPS Number AC 49-203114	3. Source APIS ID 300RL49001409	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type Single Point
2a. Description of Control Equipment "a" Water Injection
2b. Description of Control Equipment "b" No Controls

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	68	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		0%	0%	0%	100%

Shaded areas are for DEP use.

District	Office	County	Facility	Source	INPUT
APIS ID 3 0	0 R L	4 9	0 0 1 4	1 0	

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 10 OF 10)

FACILITY NAME: Intercession City Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description A 92.9MW Simple Cycle Combustion Turbine		
2. DEP Permit or PPS Number AC 49-203114	3. Source APIS ID 300RL49001410	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type Single Point
2a. Description of Control Equipment "a" Water Injection
2b. Description of Control Equipment "b" No Controls

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	155	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		0%	0%	0%	100%

Shaded areas are for DEP use.

Int. City 1994

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	
APIS ID 30	ORL	49	0014	07	INPLT <input type="checkbox"/>

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 7 OF 12)

FACILITY NAME: FLORIDA POWER

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description A 92.9MW SIMPLE CYCLE GAS COMBUSTION TURBINE		2. Ozone SIP Base Year Emissions Unit? <i>No</i>
3. DEP Permit or PPS Number AC49203114	4. Emissions Unit ID 30ORL49001407	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' <i>Water injection</i>
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year? <i>Yes</i>	2. Average Annual Operation hour/day <i>8</i>	Operation day/week <i>7</i>	3. Average Ozone Season Operation (June 1 to August 31) hour/day day/week		4. Total Operation During Year (hour/year) <i>872.8</i>
5. Percent Hours of Operation by Season	DJF <i>17%</i>	MAM <i>35%</i>	JJA <i>40%</i>	SON <i>8%</i>	

Shaded areas are for DEP use.

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	
APIS ID 30	ORL	49	0014	08	INPUT <input type="checkbox"/>

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 8 OF 12)

FACILITY NAME: FLORIDA POWER

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description A 92.9MW SIMPLE CYCLE COMBUSTION TURBINE		2. Ozone SIP Base Year Emissions Unit? <i>No</i>
3. DEP Permit or PPS Number AC49203114	4. Emissions Unit ID 30ORL49001408	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' <i>Water injection</i>
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year? <i>Yes</i>	2. Average Annual Operation hour/day <i>8</i>	Operation day/week <i>7</i>	3. Average Ozone Season Operation (June 1 to August 31) hour/day		day/week	4. Total Operation During Year (hour/year) <i>724.2</i>
5. Percent Hours of Operation by Season		DJF <i>7%</i>	MAM <i>45%</i>	JJA <i>41%</i>	SON <i>7%</i>	

Shaded areas are for DEP use.

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	INPUT
APIS ID 30	ORL	49	0014	09	<input type="checkbox"/> <input type="checkbox"/>

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 9 OF 12)

FACILITY NAME: FLORIDA POWER

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description A 92.9MW SIMPLE CYCLE GAS COMBUSTION TURBINE		2. Ozone SIP Base Year Emissions Unit? <i>No</i>
3. DEP Permit or PPS Number AC49203114	4. Emissions Unit ID 30ORL49001409	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' <i>Water Injection</i>
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year? <i>Yes</i>	2. Average Annual Operation hour/day <i>8</i>	Operation day/week <i>7</i>	3. Average Ozone Season Operation (June 1 to August 31) hour/day day/week		4. Total Operation During Year (hour/year) <i>697.0</i>
5. Percent Hours of Operation by Season		DJF <i>11%</i>	MAM <i>42%</i>	JJA <i>41%</i>	SON <i>6%</i>

Shaded areas are for DEP use.

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	INPUT
APIS ID 30	ORL	49	0014	10	<input type="checkbox"/>

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 10 OF 12)

FACILITY NAME: FLORIDA POWER

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description A 92.9MW SIMPLE CYCLE COMBUSTION TURBINE		2. Ozone SIP Base Year Emissions Unit? <i>No</i>
3. DEP Permit or PPS Number AC49203114	4. Emissions Unit ID 30ORL49001410	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' <i>Water injection</i>
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year? <i>Yes</i>	2. Average Annual Operation hour/day <i>8</i>	Operation day/week <i>7</i>	3. Average Ozone Season Operation (June 1 to August 31) hour/day day/week		4. Total Operation During Year (hour/year) <i>579.3</i>
5. Percent Hours of Operation by Season	DJF <i>7%</i>	MAM <i>52%</i>	JJA <i>35%</i>	SON <i>5%</i>	

Shaded areas are for DEP use.

II. EMISSIONS UNIT REPORT

Int. City 1995

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE GAS/DIESEL COMBUSTION TURBINE (P7)		
2. Emissions Unit ID 007	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number AC49203114	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 17-Aug-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 2 hours/day 1 days/week	2. Total Operation During Year (hours/year) 649
3. Percent Hours of Operation by Season DJF: 18% MAM: 26% JJA: 26% SON: 30%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE GAS/DIESEL COMBUSTION TURBINE (P8)		
2. Emissions Unit ID 008	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number AC49203114	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 13-Jul-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 2 hours/day 1 days/week	2. Total Operation During Year (hours/year) 562
3. Percent Hours of Operation by Season DJF: 19% MAM: 23% JJA: 32% SON: 26%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE GAS/DIESEL COMBUSTION TURBINE (P9)		
2. Emissions Unit ID 009	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number AC49203114	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 2-Sep-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 2 hours/day 1 days/week	2. Total Operation During Year (hours/year) 715
3. Percent Hours of Operation by Season DJF: 16% MAM: 20% JJA: 20% SON: 44%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE GAS/DIESEL COMBUSTION TURBINE (P10)		
2. Emissions Unit ID 010	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number AC49203114	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 19-Jul-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 512
3. Percent Hours of Operation by Season DJE: 18% MAM: 18% JJA: 40% SON: 25%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

DeBary 1993

APIS ID	District	Office	County	Facility	Source	INPUT
[] []	[] []	[] []	[] []	[] [] [] []	[] []	[] []

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 9 OF 12)

FACILITY NAME: DeBary Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description <p style="text-align: center;">Peaking Unit 7</p>		
2. DEP Permit or PPS Number <p style="text-align: center;">AC 64-191015</p>	3. Source APIS ID <p style="text-align: center;">300RL640028</p>	4. Source Status <p style="text-align: center;">A</p>
5. Source Startup Date (MM/DD/YY)	6. Source Shutdown date (MM/DD/YY)	

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type <p style="text-align: center;">1</p>
2a. Description of Control Equipment "a" <p style="text-align: center;">Water Injection for NOx Control</p>
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	16.5	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		0%	0%	0%	100%

Shaded areas are for DEP use.

APIS ID	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 10 OF 12)

FACILITY NAME: DeBary Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description Peaking Unit 8			
2. DEP Permit or PPS Number AC 64-191015	3. Source APIS ID 300RL640028	4. Source Status A	
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)	

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type 1
2a. Description of Control Equipment "a" Water Injection for NOx Control
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	679.0	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		6%	23%	53%	18%

Shaded areas are for DEP use.

APIS ID	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 11 OF 12)

FACILITY NAME: DeBary Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description Peaking Unit 9		
2. DEP Permit or PPS Number AC 64-191015	3. Source APIS ID 300RL640028	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type 1
2a. Description of Control Equipment "a" Water Injection for NOx Control
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	573.1	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		4%	26%	46%	24%

Shaded areas are for DEP use.

APIS ID	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 12 OF 12)

FACILITY NAME: DeBary Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description Peaking Unit 10		
2. DEP Permit or PPS Number AC 64-191015	3. Source APIS ID 300RL640028	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type 1
2a. Description of Control Equipment "a" Water Injection for NOx Control
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	728.3	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		2%	20%	63%	16%

Shaded areas are for DEP use.

DeBary 1994

APIS ID	District 3 0	Office 0 R L	County 6 4	Facility 0 0 2 8	Emissions Unit 0 0 9	INPUT
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EMISSIONS UNIT OPERATION REPORT (SOURCE REPORT 9 OF 12)

FACILITY NAME: DEBARY COMBUSTION TURBINE FACILITY

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE COMB TURBINE (P7)		2. Ozone SIP Base Year Emissions Unit? NO
3. DEP Permit or PPS Number A064233544	4. Source APIS ID 300RL640028 ⁰⁹	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Source Emission Point Type N/A
2a. Description of Control Equipment "a" N/A
2b. Description of Control Equipment "b" N/A

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation		3. Average Ozone Season Operation (June 1 to Aug 31)		4. Total Operation During Year (hour/year)
	hour/day	day/week	hour/day	day/week	
YES	8	7			499
5. Percent Hours of Operation by Season		QJF	MAM	JJA	SON
		10%	51%	38%	2%

Shaded areas are for DEP use.

District	Office	County	Facility	Emissions Unit	INPET
APIS ID	3 0	0 R L	6 4	0 0 2 8	8 1 0

EMISSIONS UNIT OPERATION REPORT (SOURCE REPORT 10 OF 12)

FACILITY NAME: DEBARY COMBUSTION TURBINE FACILITY

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE COMB TURBINE (P8)		2. Ozone SIP Base Year Emissions Unit? NO
3. DEP Permit or PPS Number A064233544	4. Source APIS ID 300RL64002810	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Source Emission Point Type SINGLE POINT
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b" N/A

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation		3. Average Ozone Season Operation (June 1 to Aug 31)		4. Total Operation During Year (hour/year)
	hour/day	day/week	hour/day	day/week	
YES	8	7	2	1	492
5. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		12%	51%	34%	4%

Shaded areas are for DEP use.

District	Office	County	Facility	Emissions Unit	INPUT
APIS ID: 3 0	0 R L	6 4	0 0 2 9	0 / /	

EMISSIONS UNIT OPERATION REPORT (SOURCE REPORT // OF 12)

FACILITY NAME: DEBARY COMBUSTION TURBINE FACILITY

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE COMB TURBINE (P9)		2. Ozone SIP Base Year Emissions Unit? NO
3. DEP Permit or PPS Number A064233544	4. Source APIS ID 300RL6400281#	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Source Emission Point Type SINGLE POINT
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b" N/A

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation		3. Average Ozone Season Operation (June 1 to Aug 31)		4. Total Operation During Year (hour/year)
	hour/day	day/week	hour/day	day/week	
YES	8	7	1	0	426
5. Percent Hours of Operation by Season		DJF 12%	MAM 53%	JJA 32%	SON 3%

Shaded areas are for DEP use.

APIS ID	District 3 8	Office 0 R L	County 6 4	Facility 0 0 2 8	Emissions Unit 0 / 2	INPUT
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EMISSIONS UNIT OPERATION REPORT (SOURCE REPORT) 12 OF 12

FACILITY NAME: DEBARY COMBUSTION TURBINE FACILITY

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE CYCLE COMB TURBINE (P10)		2. Ozone SIP Base Year Emissions Unit? NO
3. DEP Permit or PPS Number A064233544	4. Source APIS ID 300RL64002812	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Source Emission Point Type SINGLE POINT
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b" N/A

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation		3. Average Ozone Season Operation (June 1 to Aug 31)		4. Total Operation During Year (hour/year)
	hour/day	day/week	hour/day	day/week	
YES	8	7			382
5. Percent Hours of Operation by Season		DJF 12%	MAM 59%	JJA 29%	SON 1%

Shaded areas are for DEP use.

II. EMISSIONS UNIT REPORT

DeBary 1995

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE COMBUSTION TURBINE (P7)		
2. Emissions Unit ID 015	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A064233544	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 30-Jan-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 438
3. Percent Hours of Operation by Season DJF: 13% MAM: 22% JJA: 40% SON: 25%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season)

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE COMBUSTION TURBINE (P9)		
2. Emissions Unit ID 016	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A064233544	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 30-Jan-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 371
3. Percent Hours of Operation by Season DJF: 14% MAM: 27% JJA: 51% SON: 9%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season)

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE COMBUSTION TURBINE (P9)		
2. Emissions Unit ID 017	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A064233544	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 30-Jan-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 439
3. Percent Hours of Operation by Season DJF: 14% MAM: 16% JJA: 49% SON: 21%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season)

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description 92.9 MW SIMPLE COMBUSTION TURBINE (P10)		
2. Emissions Unit ID 018	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A064233544	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 30-Jan-93	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE TURBINE
2a. Description of Control Equipment "a" NOX CONTROLLED BY WATER INJECTION
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 379
3. Percent Hours of Operation by Season DJF: 18% MAM: 1% JJA: 59% SON: 22%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season)

Suwannee 1993

APIS ID	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 4 OF 6)

FACILITY NAME: Suwannee Power Plant Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description <p style="text-align: center;">Peaking Unit 1</p>		
2. DEP Permit or PPS Number <p style="text-align: center;">AO 61-189579</p>	3. Source APIS ID <p style="text-align: center;">31JAX610003</p>	4. Source Status <p style="text-align: center;">A</p>
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type <p style="text-align: center;">1</p>
2a. Description of Control Equipment "a" <p style="text-align: center;">Water Injection for NOx Control</p>
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	329.3	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		6%	33%	47%	14%

Shaded areas are for DEP use.

APIS ID:	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 5 OF 6)

FACILITY NAME: Suwannee Power Plant Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description Peaking Unit 2		
2. DEP Permit or PPS Number AO 61-189579	3. Source APIS ID 31JAX610003	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type 1
2a. Description of Control Equipment "a" Water Injection for NOx Control
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year? Yes	2. Average Operation During Year 24	hour/day	day/week 7	3. Total Operation During Year (hour/year) 308	
4. Percent Hours of Operation by Season	9%	DJF	32%	JJA	SON 14%

Shaded areas are for DEP use.

APIS ID	District	Office	County	Facility	Source	INPUT

SOURCE OPERATION REPORT - PAGE 1 & 2 (SOURCE REPORT 6 OF 6)

FACILITY NAME: Suwannee Power Plant Combustion Turbine

SOURCE INFORMATION (AIR030)

1. Source Description Peaking Unit 3		
2. DEP Permit or PPS Number AO 61-189579	3. Source APIS ID 31JAX610003	4. Source Status A
5. Source Startup Date (MM/DD/YY)		6. Source Shutdown date (MM/DD/YY)

SOURCE EMISSION POINT/CONTROL INFORMATION (AIR033)

1. Source Emission Point Type 1
2a. Description of Control Equipment "a" Water Injection for NOx Control
2b. Description of Control Equipment "b"

SOURCE OPERATING SCHEDULE INFORMATION (AIR050)

1. Operated During Year?	2. Average Operation During Year	hour/day	day/week	3. Total Operation During Year (hour/year)	
Yes		24	7	174	
4. Percent Hours of Operation by Season		DJF	MAM	JJA	SON
		5%	3%	73%	19%

Shaded areas are for DEP use.

Suwannee 1994

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	INPUT
APIS ID 31	JAX	61	0003	04	

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 4 OF 6)

FACILITY NAME: FLORIDA POWER CORPORATION SUWANNEE

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description #1 PEAKING UNIT 739MMBTU #2FO .5%S 2 EXH/I 62.4MW GEN		2. Ozone SIP Base Year Emissions Unit? 1500HRMX <i>No</i>
3. DEP Permit or PPS Number AO61189579	4. Emissions Unit ID 31JAX61000304	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' WATER INJECTION FOR NOX CONTROL
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year? <i>Yes</i>	2. Average Annual Operation hour/day: <i>8</i> day/week: <i>1</i>		3. Average Ozone Season Operation (June 1 to August 31) hour/day: day/week:		4. Total Operation During Year (hour/year) <i>91.6</i>
5. Percent Hours of Operation by Season	DJF <i>30%</i>	MAM <i>42%</i>	JJA <i>20%</i>	SON <i>8%</i>	

Shaded areas are for DEP use.

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT	INPLT
APIS ID: 31	JAX	61	0003	05	

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 5 OF 6)

FACILITY NAME: FLORIDA POWER CORPORATION SUWANNEE

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description		2. Ozone SIP Base Year Emissions Unit?	
#2 PEAKING UNIT 739MMBTU #2FO .5%S 2EXH/1 62.4MW GEN		1500-HRMX /✓	
3. DEP Permit or PPS Number	4. Emissions Unit ID	5. Emissions Unit Status	
A061189579	31JAX61000305	ACTIVE	
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date	

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type
SINGLE POINT
2a. Description of Control Equipment 'a'
WATER INJECTION FOR NOX CONTROL
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation hour/day	3. Average Ozone Season Operation (June 1 to August 31) hour/day	4. Total Operation During Year (hour/year)
Yes	8	1	100.0 ✓
5. Percent Hours of Operation by Season	DJF	MAM	JJA
	29% ✓	35% ✓	12% ✓
			SON 24% ✓

Shaded areas are for DEP use.

DISTRICT	OFFICE	COUNTY	FACILITY	EMISSIONS UNIT
APIS ID: 31	JAX	61	0003	06
				INPUT: <input type="checkbox"/>

EMISSIONS UNIT OPERATION REPORT (EMISSIONS UNIT REPORT 6 OF 6)

FACILITY NAME: FLORIDA POWER CORPORATION SUWANNEE

EMISSIONS UNIT INFORMATION

1. Emissions Unit Description #3 PEAKING UNIT 739MMBTU #2FO .5%S 2 EXH/162.4MW GEN		2. Ozone SIP Base Year Emissions Unit? 1500-HRMX ✓
3. DEP Permit or PPS Number AO61189579	4. Emissions Unit ID 31JAX61000306	5. Emissions Unit Status ACTIVE
6. Emissions Unit Startup Date	7. Long-term Reserve Shutdown Date	8. Permanent Shutdown Date

EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type SINGLE POINT
2a. Description of Control Equipment 'a' WATER INJECTION FOR NOX CONTROL
2b. Description of Control Equipment 'b'

EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Operated During Year?	2. Average Annual Operation		3. Average Ozone Season Operation (June 1 to August 31)		4. Total Operation During Year (hour/year)
	hour/day	day/week	hour/day	day/week	
Yes	8	1			60.7
5. Percent Hours of Operation by Season	DJF	MAM	JJA	SON	
	31%	19%	19%	31%	

Shaded areas are for DEP use.

II. EMISSIONS UNIT REPORT

Sullivan 1995

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description #1 PEAKING UNIT 739 MMBTU #2FO 0.5% S 2 EXHII 62.4 MW GEN 1500HR		
2. Emissions Unit ID 004	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A061189579	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 29-Oct-80	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE EMISSION UNIT
2a. Description of Control Equipment "a" WATER INJECTION FOR NOx CONTROL
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 98
3. Percent Hours of Operation by Season DJF: 16% MAM: 34% JJA: 46% SON: 4%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description #2 PEAKING UNIT 739 MMBTU #2FO 0.5%S 2 EXHII 62.4 MW GEN 1500HR		
2. Emissions Unit ID 005	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A061189579	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 29-Oct-80	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE EMISSION UNIT
2a. Description of Control Equipment "a" WATER INJECTION FOR NOx CONTROL
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 94
3. Percent Hours of Operation by Season DJF: 9% MAM: 29% JJA: 54% SON: 7%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

II. EMISSIONS UNIT REPORT

A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description #3 PEAKING UNIT 739 MMBTU #2FO 0.5%S 2 EXH/I 62.4 MW GEN 1500HR		
2. Emissions Unit ID 006	3. Emissions Unit Classification R	4. Operated During Year? YES
5. DEP Permit or PPS Number A061189579	6. Emission Unit Status ACTIVE	7. Ozone SIP Base Year Emissions Unit? NO
8. Emissions Unit Startup Date 29-Oct-80	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

B. EMISSION POINT/CONTROL INFORMATION

1. Emission Point Type 1 - SINGLE POINT SERVING ONE EMISSION UNIT
2a. Description of Control Equipment "a" WATER INJECTION FOR NOx CONTROL
2b. Description of Control Equipment "b"

C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation 1 hours/day 1 days/week	2. Total Operation During Year (hours/year) 86
3. Percent Hours of Operation by Season DJF: 13% MAM: 33% JJA: 47% SON: 6%	
4. Average Ozone Season Operation (June 1 to August 31) n/a hours/day n/a days/week	5. Total Operation During Ozone Season (days/season) n/a

All CTS - 1996

fuelheat

Plant	Unit	Mooper Yr	Fuel	Sum Oper Hrs	Sum Fuel Burn	Avg Fuel BTU	Sum Fuel BTU	Total Heat
AN	01	1996	#6	6222.2	2642179	6489879.417	77878553	17147423.11
AN	02	1996	#6	5991.4	2504459	6489879.417	77878553	16253636.91
APP	01	1996	#2	307.2	581	5020142.917	60241715	2916.703035
APP	01	1996	Gas	307.2	106221	1046.916667	12563	111204.5353
APP	02	1996	#2	71.7	437	5393816.917	64725803	2357.097993
APP	02	1996	Gas	71.7	27685	959.75	11517	26570.67875
BA	01	1996	#2	7272.1	1060	5833306.75	69998681	6183.305155
BA	01	1996	#6	7272.1	793657	6414211.833	76970542	5090684.121
BA	02	1996	#6	7444.5	820932	6479719	77756628	5319408.678
BA	03	1996	#6	7018.5	1163246	5936060.917	71232731	6905099.117
BA	03	1996	Gas	7018.5	2437497	873.75	10485	2129763.004
BAP	01	1996	#2	264.4	21752	5833320.083	69998841	126886.3785
BAP	02	1996	#2	306.2	25034	5832486.75	69989841	146010.4733
BAP	03	1996	#2	289	24142	5832486.75	69989841	140807.8951
BAP	04	1996	#2	269.8	22983	5832486.75	69989841	134048.043
BYP	01	1996	#2	610.5	58133	5817583	69810996	338193.5525
BYP	02	1996	#2	559.4	49526	5817583	69810996	288121.6157
BYP	03	1996	#2	465.3	42596	5817583	69810996	247805.7655
BYP	04	1996	#2	493.6	46569	5817583	69810996	270919.0227
CN	04	1996	#2	7617.2	18969	5856890.333	70282684	111099.3527
CN	04	1996	Coal	7617.2	1698309	12516.41667	150197	42513486.15
CN	05	1996	#2	8613.1	25864	5856600.583	70279207	151475.1175
CN	05	1996	Coal	8613.1	2002582	12516.41667	150197	50130301.44
CS	01	1996	#2	7149.2	11728	5841584.667	70099016	68510.10497
CS	01	1996	Coal	7149.2	848799	12583.25	150989	21361300.03
CS	02	1996	#2	8150.8	6078	5352243.75	64226925	32530.93751
CS	02	1996	Coal	8150.8	1219227	12583.25	150989	30683676.3
DBP	01	1996	#2	281.4	21149	5804973.083	69659677	122769.3757
DBP	02	1996	#2	236	18746	5804973.083	69659677	108820.0254
DBP	03	1996	#2	260.7	19645	5804973.083	69659677	114038.6962
DBP	04	1996	#2	223.9	18688	5804973.083	69659677	96873.39081
DBP	05	1996	#2	263	19722	5804973.083	69659677	114485.6791
DBP	06	1996	#2	242.7	18204	5804973.083	69659677	105673.73
DBP	07	1996	#2	663.1	75068	5804973.083	69659677	435767.7194
DBP	08	1996	#2	710.6	81074	5804973.083	69659677	470632.3878
DBP	09	1996	#2	753	78835	5804973.083	69659677	457835.053
DBP	10	1996	#2	629.5	72439	5804973.083	69659677	420506.4452
HGP	01	1996	#2	252.4	1462	5855855	70270260	8561.26001
HGP	01	1996	Gas	252.4	81185	1047.25	12567	85020.99125
HGP	02	1996	#2	427.9	1348	5855855	70270260	7893.69254
HGP	02	1996	Gas	427.9	159017	1046.25	12555	166371.5363
HGP	03	1996	#2	173.6	1317	5855855	70270260	7712.161035
HGP	03	1996	Gas	173.6	59400	1046.25	12555	62147.25
HGP	04	1996	#2	448.1	2241	5855855	70270260	13122.97106
HGP	04	1996	Gas	448.1	199799	1046.25	12555	209039.7038
ICP	01	1996	#2	47.3	4386	5726978.083	68723737	25118.52587
ICP	02	1996	#2	78.1	6748	5727230.583	68726767	38647.35198
ICP	03	1996	#2	71	5714	5726978.083	68723737	32723.95277
ICP	04	1996	#2	98.1	8555	5726978.083	68723737	48994.2975
ICP	05	1996	#2	91.4	8287	5726978.083	68723737	47459.46738
ICP	06	1996	#2	107.9	10253	5726978.083	68723737	58719.70629
ICP	07	1996	#2	1125	13449	5726978.083	68723737	77022.12824
ICP	07	1996	Gas	1125	700866	1046.916667	12563	733748.2965
ICP	08	1996	#2	1269.2	27576	5726978.083	68723737	157927.1476
ICP	08	1996	Gas	1269.2	717194	784.5	9414	562638.693
ICP	09	1996	#2	1176.9	14657	5726978.083	68723737	83940.31777
ICP	09	1996	Gas	1176.9	750155	1046.916667	12563	785349.7721
ICP	10	1996	#2	1185.7	27213	5726978.083	68723737	155848.2546
ICP	10	1996	Gas	1185.7	673692	784.5	9414	528511.374

X 15 BTU

cf?
mmcf?

gas - BTU/cf
oil - BTU/bbl

fuelheat

Plant	Unit	Hooper Yr	Fuel	Sum Oper Hrs	Sum Fuel Burn	Avg Fuel BTU	Sum Fuel BTU	Total Heat
ICP	11	1996	#2	106.5	124579	488600.25	5863203	60869.33054
NU	03	1996	#2	3109.5	812	5800000	69600000	4709.6
PJP	01	1996	#2	35.4	1346	5819275.417	69831305	7832.744711
RPP	01	1996	#2	22.6	992	5816024	69792288	5769.495808
SR	01	1996	#2	2236.8	334	5863045.917	70356551	1958.257336
SR	01	1996	#6	2236.8	56436	6338318.083	76059817	357709.3194
SR	01	1996	Gas	2236.8	329515	1020.5	12246	336270.0575
SR	02	1996	#2	2025.9	290	5863045.917	70356551	1700.283316
SR	02	1996	#6	2025.9	51488	6338318.083	76059817	326347.3215
SR	02	1996	Gas	2025.9	292546	1020.5	12246	298543.193
SR	03	1996	#2	4765.8	440	5863045.917	70356551	2579.740203
SR	03	1996	#6	4765.8	95671	6361351.75	76336221	608596.8833
SR	03	1996	Gas	4765.8	2065807	1020.416667	12245	2107983.893
SRP	01	1996	#2	196.4	20070	5863367	70360404	117677.7757
SRP	02	1996	#2	214.9	22027	5863367	70360404	129152.3849
SRP	03	1996	#2	191.7	19960	5863375.333	70360504	117032.9717
TUP	01	1996	#2	29.3	1324	5850495.667	70205948	7746.056263
TUP	02	1996	#2	25.6	1113	5850662.333	70207948	6511.787177
TUP	03	1996	#2	159.1	24748	5850495.667	70205948	144788.0668
TUP	04	1996	#2	189.6	29460	5850495.667	70205948	172355.6023
UFP	01	1996	Gas	8422.8	2824464	1042.25	12507	2943797.604
UFP	04	1996	#2	720	95	5855692	70268304	556.29074
UFP	04	1996	Gas	720	43389	1042.25	12507	45222.18525
UFP	05	1996	#2	720	95	5855692	70268304	556.29074
UFP	05	1996	Gas	720	43385	1042.25	12507	45218.01625
UFP	06	1996	#2	720	0	0	0	0
UFP	06	1996	Gas	720	212591	1042.25	12507	221572.9698



RECEIVED

JAN 09 1997

BUREAU OF
AIR REGULATION

January 6, 1997

Mr. Al Linero, P.E.
Administrator, New Source Review Section
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Linero:

Re: DeBary- DEP Permit No. ~~AO49-203114~~ ¹²⁷⁰⁰²⁸ and PSD-FL-18T ^{167A}
Request to Burn Natural Gas in Units P7 through P10

Florida Power Corporation (FPC) has received your December 2, 1996 letter requesting additional information regarding the submittal referenced above. Each request item is discussed in detail below.

Issue-- Were each of these CTs capable of firing natural gas when they were originally permitted? Was there any intention or consideration or provision made for firing natural gas when these units were originally permitted? If so, provide a description. What additional equipment (new combustors, new water injectors, ...) is needed to fire natural gas on these units which were permitted to fire only fuel oil? What additional pipeline equipment, including gas compressors, pipeline to connect to a main line, regulators and meters, and other equipment, will be added to convert these turbines to fire natural gas?

Response-- Natural gas was not available when the units were originally permitted and so it was not considered to be a viable option. Natural gas has only very recently become available from the supplier. Each of the GE units at DeBary is capable of firing natural gas, provided that some modifications are made. Specifically, to combust natural gas, the units require replacement of the combustion covers, the addition of gas and purge air manifold systems, the installation of a gas control cabinet, gas metering tubes, instrumentation and control logic changes. In addition, a 3.3 mile pipeline, as well as gas regulation and filtration equipment must be installed. The installation will not require gas compression, as the pipeline pressure supplied to DeBary will be greater than required and must be regulated down to the needed pressure.

Issue-- Compare past actual emissions, in tpy, to future potential emissions after the natural gas conversion, for determining PSD applicability of NO_x, CO, particulates and VOCs.

Response--This comment is difficult to address due to the uncertainty concerning the amount of interruptible natural gas that may be available to burn. The circumstances responsible for this uncertainty are presented in the response below relating to the restrictions or limitations in the contract for supplying natural gas. It should be noted that, under the definition of *actual emissions* (62-210.200(12)(b)), the Department may presume that unit-specific allowable emissions for an emissions unit are equivalent to the actual emissions of the emissions unit (i.e., past actual emissions may be considered to be equivalent to allowable emissions) provided that, for any regulated air pollutant, such unit-specific allowable emissions limits are federally enforceable. It is important to note that comparing potential-to-potential emissions for the switch from No. 2 fuel oil to natural gas results in significant decreases of all criteria pollutants:

Pollutant	No. 2 Fuel Oil		Natural Gas	
	lb/hr	tons/yr	lb/hr	tons/yr
NO _x	182	1,234	107	726
PM/PM ₁₀	17	116	7.5	51
CO	54	365	21	144
VOCs	5	34	3	20
SO ₂	555	1,925	3	20
SAM	69	469	0.4	3

Issue-- Compare capacity factors before and after the natural gas conversion.

Response-- Further discussion with DEP staff indicated that this issue was raised in the DEP's letter due to a misunderstanding regarding FPC's request. FPC is not proposing to double the existing allowable capacity factor for these peaking units (i.e., 3,390 hr/yr on oil plus 3,390 hr/yr on natural gas). The intention of FPC's application was to request that the current allowable capacity factors be retained, whether the peaking units are firing fuel oil or natural gas.

Issue-- Provide your fuel costs for fuel oil and natural gas. Provide a description of any restrictions or limitations in the contract for supplying natural gas to each unit.

Response-- Florida Gas Transmission (FGT) cannot guarantee the daily or annual amount of natural gas that will be available. Since the supply will be interruptible, restrictions are day-to-day, and FGT has indicated to FPC that as little as no gas may be available. Based on FGT's representations, FPC expects to use oil as the primary fuel, but will take advantage of natural gas availability when it occurs. The DeBary units are run mainly during peak load demand periods, which often coincide with peak natural gas demand periods. This and the interruptible nature of the natural gas supply, make it very difficult to estimate total annual gas consumption. One certainty is that the units will pollute less when running on natural gas, resulting in a benefit to the environment.

Mr. Linero
January 6, 1997
Page 3

Issue-- What is the lowest NO_x emission rate achievable for these units using wet injection controls? Are dry low NO_x burners commercially available for these units?

Response-- The lowest NO_x emission rate continuously achievable for these units using wet injection is the 25 ppmvd level proposed by FPC in the permit application. Before discussing the feasibility of installing dry low NO_x technology on these units, it is FPC's position that it is inappropriate to consider the retrofit of BACT technology for a non-PSD permit review. FPC is proposing to use natural gas as a supplemental fuel to No. 2 fuel oil and is proposing to decrease pollutant emissions while burning natural gas. Since emissions will not increase above those permitted for burning oil, the project is not subject to PSD review and the accompanying BACT determination.

In addition, it is FPC's understanding that the BACT determinations resulting in the application of dry low NO_x technology were for combined cycle units firing primarily natural gas with oil as a back-up fuel. The DeBary units are simple cycle peaking units that will remain primarily oil-fired with natural gas used as an interruptible supplemental fuel that is in limited supply.

FPC has received an estimate of the cost to install dry low NO_x control technology on Units P7 through P10 from General Electric, which is the manufacturer. Retrofitting this technology on these units would require a substantial rebuilding of the units, including the combustors and the computer control system. The cost would be approximately \$5 million per unit for a total of \$20 million for the four units. Since natural gas will be available in a limited, interruptible supply, such an expense would cause FPC to withdraw the request and abandon the use of natural gas at the DeBary facility.

FPC hopes that the information given satisfactorily addresses your questions. FPC wishes to use the limited amount of natural gas which has become available to it. The already- installed water injection control technology will limit NO_x emissions to 25 ppmvd, reducing emissions when compared to those from burning fuel oil, and resulting in a benefit to the environment.

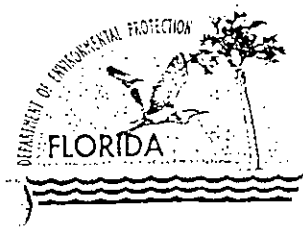
Please feel free to contact me at (813) 866-5158 if you should have any questions.

Sincerely,



Scott H. Osbourn
Senior Environmental Engineer

cc: Martin Costello, DEP DARM
Len Kozlov, DEP Central District
Ken Kosky, KBN/Golder



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
December 2, 1996

Virginia B. Wetherell
Secretary

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Jeffrey Pardue, Director
Environmental Service Department
Florida Power Corp.
3201 34th Street South
St. Petersburg, FL 33711

Dear Mr. Pardue:

RE: FPC Debary
1270028-AC/PSD-FL-167A
Request to Amend Permit

The Department has evaluated your request for natural gas firing on Turbines P7, P8, P9 and P10. The following information is required to further evaluate your request:

1. Were each of these combustion turbines capable of firing natural gas when they were originally permitted? Was there any intention or consideration or provisions made for firing natural gas when these units were originally permitted? If so, provide a description. What additional equipment (new combustors, new water injectors, ...) is needed to fire natural gas on these units which were permitted to fire only fuel oil? What additional pipeline equipment, including gas compressors, pipeline to connect to a main line, regulators and meters, and other equipment, will be added to convert these turbines to fire natural gas?
2. Compare past actual emissions, in tpy, to future potential emissions after the natural gas conversion for determining PSD applicability of NOx, CO, particulates and VOC.
3. Compare capacity factors before and after the natural gas conversion.
4. Provide your fuel costs for fuel oil and natural gas. Provide a description of any restrictions or limitations in the contract for supplying natural gas to each unit.
5. What is the lowest NOx emission rate achievable for these units using wet injection controls? Are dry low NOx burners commercially available for these units?

Mr. Pardue

12/2/96

Page 2

If you need clarification or have any questions please
contact me at (904) 488-1344, or email
(COSTELLO_M@DEP.STATE.FL.US).

Sincerely,

A handwritten signature in cursive script that reads "Martin Costello".

Martin Costello, P.E.
New Source Review Section

cc:Len Kozlov, CD
Ellen Porter, NPS

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