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**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

July 30, 1999

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

Re: Docket No. 981890-EU; Request of Florida Power Corporation for Confidential Classification of certain responses to Staff's First Set of Interrogatories to Florida Power Corporation (Nos. 1-47).

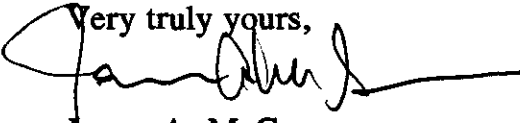
Dear Ms. Bayó:

Enclosed for filing in the subject matter is Florida Power Corporation's Notice of Intent to Request Confidential Classification accompanied by a sealed envelope containing the documents subject to the Notice with the confidential information highlighted. Also enclosed are two copies of the documents with the confidential information redacted. **The highlighted portions of the unredacted version should be held as Confidential Information in accordance with Rule 25-22.006, F.A.C.**

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

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OTH _____

JAM/ams
Enclosures

Very truly yours,

James A. McGee

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09058 AUG-28
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A Florida Progress Company

FPC'S Response to Interrogatory #5

LOLP Projections (Days/Year)

REDACTED

1998 LOLP Projections		1997 LOLP Projections	
1998	0.034	1997	0.083
1999	0.022	1998	0.017
2000	0.054	1999	0.009
2001	0.091	2000	0.024
2002	0.036	2001	0.055
2003	0.009	2002	0.007
2004	0.072	2003	0.010
2005	0.024	2004	0.059
2006	0.081	2005	0.043
2007	0.018	2006	0.093

1996 LOLP Projections		1995 LOLP Projections		1994 LOLP Projections	
1996	0.003	1995	0.000	1994	0.001
1997	0.005	1996	0.003	1995	0.005
1998	0.012	1997	0.013	1996	0.019
1999	0.004	1998	0.046	1997	0.052
2000	0.008	1999	0.014	1998	0.095
2001	0.030	2000	0.010	1999	0.062
2002	0.017	2001	0.013	2000	0.046
2003	0.067	2002	0.005	2001	0.059
2004	0.054	2003	0.017	2002	0.031
2005	0.096	2004	0.035	2003	0.085

FPC'S Response to Interrogatory #6

EUE Projections (MWh/Year)

REDACTED

		<u>1998 EUE Projections</u>		<u>1997 EUE Projections</u>	
		1998	67.0	1997	1.5
		1999	36.9	1998	0.3
		2000	77.3	1999	0.4
		2001	141.0	2000	0.5
		2002	49.4	2001	2.0
		2003	10.3	2002	0.0
		2004	96.3	2003	0.4
		2005	30.5	2004	1.2
		2006	113.9	2005	1.9
		2007	23.1	2006	1.7
<u>1996 EUE Projections</u>		<u>1995 EUE Projections</u>		<u>1994 EUE Projections</u>	
1996	0.2	1995	0.0	1994	0.4
1997	0.1	1996	0.2	1995	0.4
1998	0.6	1997	0.2	1996	0.5
1999	0.1	1998	0.9	1997	2.9
2000	0.2	1999	0.3	1998	3.7
2001	0.6	2000	0.2	1999	4.3
2002	0.8	2001	0.2	2000	2.6
2003	1.1	2002	0.1	2001	2.8
2004	0.9	2003	0.3	2002	1.8
2005	1.6	2004	0.4	2003	4.8

FPC'S Response to Interrogatory #13

1986 07/22/98
1987 07/03/97
1988 07/02/98

REDACTED

FPC'S Response to Interrogatory #20

Q20. Provide the following historical data for summer peak demand for the period 1978 through 1998.

- a. actual annual firm summer peak demand
- b. the actual summer temperature that occurred at the time of the summer peak for EPC's service territory
- c. the day of the week the summer peak occurred

Answer 20.

Year	Firm Summer Peak Demand	System Temperature @ Peak	Day of Week
1978			
1979			
1980			
1981			
1982			
1983			
1984			
1985			
1986			
1987			
1988			
1989			
1990			
1991			
1992			
1993			
1994			
1995			
1996			
1997			
1998			

REDACTED

FPC'S Response to Interrogatory #21

Q21. Provide the following historical data for winter peak demand for the period 1978/79 through 1997/98.

- a. actual annual firm winter peak demand
- b. the actual winter temperature that occurred at the time of the winter peak for FPC's service territory
- c. the day of the week the winter peak occurred

Answer 21.

Year	Firm		Day of Week
	Winter Peak Demand	System Temperature @ Peak	
1978/79			
1979/80			
1980/81			
1981/82			
1982/83			
1983/84			
1984/85			
1985/86			
1986/87			
1987/88			
1988/89			
1989/90			
1990/91			
1991/92			
1992/93			
1993/94			
1994/95			
1995/96			
1996/97			
1997/98			

REDACTED

FPC'S Response to Interrogatory #44

Table 44 (con't.)

Plant Name	1999 Through 2008	
	Projected Planned Outage Rate * %	Projected Forced Outage Rate %
Anclote #1		
Anclote #2		
Avon Park P1		
Avon Park P2		
Bartow #1		
Bartow #2		
Bartow #3		
Bartow P1		
Bartow P2		
Bartow P3		
Bartow P4		
Bayboro P1		
Bayboro P2		
Bayboro P3		
Bayboro P4		
Crystal River #1		
Crystal River #2		
Crystal River #4		
Crystal River #5		
Debary P1		
Debary P2		
Debary P3		
Debary P4		
Debary P5		
Debary P6		
Debary P7		
Debary P8		
Debary P9		
Debary P10		
Higgins P1		
Higgins P2		
Higgins P3		
Higgins P4		
Intercession City P1		
Intercession City P2		
Intercession City P3		
Intercession City P4		
Intercession City P5		
Intercession City P6		
Intercession City P7		
Intercession City P8		
Intercession City P9		
Intercession City P10		
Intercession City P11		
Rio Pinar P1		
Suwannee #1		
Suwannee #2		
Suwannee #3		
Suwannee P1		
Suwannee P2		
Suwannee P3		
Tiger Bay		
Turner P1		
Turner P2		
Turner P3		
Turner P4		
University of Florida		

REDACTED

* Projected Planned Outage Rates are provided as Projected Planned Outage Factors.

** Crystal River #3	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Planned Outage Rate										
Forced Outage Rate										

** Crystal River #3 Forced Outage Rate is set to the above values in our model to account for refueling outages, planned outages, and maintenance outages.

REDACTED

Q13. Provide the actual historical data for the period 1978 through 1999 for each weather station used to derive the weather measurement data used to measure winter and summer temperatures for the purpose of estimating winter and summer peak demand.

Answer 13. Historical Winter Temperature Data

Year	Peak day	Peak hour	System													
			24 hour average	Hour before	Peak hour	24 hour average	Hour before	Peak hour	24 hour average	Hour before	Peak hour	24 hour average	Hour before	Peak hour	24 hour average	Weighted average
77/78	02/07/78															
78/79	01/04/79															
79/80	03/03/80															
80/81	01/13/81															
81/82	01/12/82															
82/83	01/14/83															
83/84	12/27/83															
84/85	01/22/85															
85/86	01/28/86															
86/87	02/10/87															
87/88	01/29/88															
88/89	02/24/89															
89/90	12/24/89															
90/91	02/18/91															
91/92	01/17/92															
92/93	03/15/93															
93/94	02/03/94															
94/95	02/09/95															
95/96	02/05/96															
96/97	01/19/97															
97/98	03/13/98															

REDACTED

Historical Summer Temperature Data

Year	Peak day	Peak hour	System													
			Peak hour	5 hour average	Peak hour	5 hour average	Peak hour	5 hour average	Peak hour	5 hour average						
1978	06/29/78															
1979	07/31/79															
1980	06/02/80															
1981	06/16/81															
1982	09/13/82															
1983	06/22/83															
1984	06/09/84															
1985	06/05/85															
1986	06/01/86															
1987	06/26/87															
1988	07/12/88															
1989	06/07/89															
1990	06/20/90															
1991	06/06/91															
1992	07/07/92															
1993	06/05/93															
1994	06/27/94															
1995	06/15/95															

REDACTED

FPC'S Response to Interrogatory #46

Table 46

PLANT NAME	UNIT NO.	HISTORICAL EQUIVALENT AVAILABILITY FACTOR %					PROJECTED EQUIVALENT AVAILABILITY FACTOR %
		1994	1995	1996	1997	1998	1999 Through 2008
ANCLOTE	1	71.19	90.41	86.19	87.79	91.12	REDACTED
	2	86.68	88.88	73.30	88.50	75.34	
AVON PARK	P1	88.33	97.82	92.49	97.11	53.85	
	P2	97.16	89.28	81.35	95.87	89.35	
BARTOW	1	88.03	96.48	95.86	77.83	80.70	
	2	92.80	87.81	96.82	85.84	83.75	
	3	52.98	87.20	78.72	80.00	87.56	
BARTOW	P1	71.38	46.80	99.32	96.38	100.00	
	P2	88.88	99.97	99.64	83.09	86.90	
	P3	86.33	99.02	99.68	100.00	79.09	
	P4	89.41	98.64	100.00	63.57	80.94	
BAYBORO	P1	94.00	98.01	97.08	94.54	98.81	
	P2	99.89	99.34	99.66	99.14	79.09	
	P3	79.57	88.98	83.59	98.00	95.29	
	P4	99.74	94.06	97.76	98.43	98.01	
CRYSTAL RIVER	1	83.98	72.70	77.69	94.03	81.52	
	2	74.24	71.35	90.72	78.82	84.47	
	3	81.90	97.60	32.48	0.00	87.65	
	4	85.04	97.20	81.75	87.53	83.82	
	5	96.67	84.29	96.55	89.58	96.36	
DEBARY	P1	91.61	98.31	100.00	99.01	77.90	
	P2	92.59	99.12	99.81	97.99	86.84	
	P3	90.98	98.53	98.65	99.95	98.80	
	P4	94.13	99.91	99.11	99.83	93.24	
	P5	92.95	99.87	99.16	98.98	81.58	
	P6	93.26	96.40	100.00	98.81	97.10	
	P7	78.36	98.00	99.43	88.52	93.53	
	P8	94.69	73.22	87.50	97.72	97.39	
	P9	99.70	88.13	92.77	89.09	94.64	
	P10	97.21	86.46	99.28	98.86	90.59	
HIGGINS	P1	56.33	90.48	97.67	92.98	98.03	
	P2	94.37	99.76	96.29	82.59	95.51	
	P3	71.81	94.65	86.66	85.82	94.82	
	P4	88.86	82.71	96.30	92.37	72.60	
INTERCESSION CITY	P1	87.14	95.89	93.30	97.34	99.00	
	P2	96.72	96.05	85.91	95.79	68.74	
	P3	92.10	97.01	82.82	99.45	99.30	
	P4	73.96	96.96	97.87	100.00	97.09	
	P5	85.40	97.20	97.86	92.26	99.98	
	P6	89.08	97.31	97.83	99.92	99.86	
	P7	96.11	74.26	74.58	94.36	93.61	
	P8	95.46	93.00	93.43	95.37	94.40	
	P9	94.20	86.36	87.27	96.47	97.15	
	P10	94.12	91.50	84.42	91.94	96.70	
	P11				87.24	79.04	
RIO PINAR	P1	100.00	100.00	98.45	99.75	93.61	
SUWANNEE	1	77.90	100.00	100.00	100.00	99.42	
	2	89.66	100.00	100.00	99.95	100.00	
	3	96.28	93.56	99.69	99.83	99.77	
SUWANNEE	P1	97.07	95.25	91.44	78.98	87.14	
	P2	96.93	95.81	94.36	75.87	87.23	
	P3	96.82	97.24	85.67	79.13	81.84	
TIGER BAY	1				99.64	89.48	
TURNER	P1	99.97	100.00	100.00	99.97	99.90	
	P2	100.00	100.00	100.00	83.57	99.93	
	P3	98.23	99.24	99.97	92.96	61.70	
	P4	98.26	99.92	98.87	79.19	99.85	
UNIV. OF FL	P1		93.21	95.12	94.00	46.14	