

ORIGINAL



Florida Power
A Progress Energy Company

JAMES A. MCGEE

March 18, 2002

Ms. Blanco S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

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Re: Docket No. 020001-EI

Dear Ms. Bayo:

Enclosed for filing are ten (10) copies of Florida Power Corporation's Performance Data Report for the month ending February, 2002 and revisions to January 2002.

Please acknowledge your receipt and filing of the above on the enclosed copy of this letter and return same to me.

Very truly yours,

James A. McGee

JAM:kbd
Enclosures
cc: Parties of record

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CERTIFICATE OF SERVICE

Docket No. 020001-EI

I HEREBY CERTIFY that a true copy of Florida Power Corporation's Performance Data Report for February 2002 and revised January 2002 has been furnished to the following individuals by regular U.S. Mail this 20th day of March, 2002.

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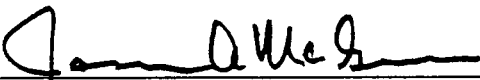
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FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

ANCLOTE 1	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	98.99	99.44											99.20
2. PH	744	672											1,416
3. SH	245.2	130.4											375.6
4. RSH	495.5	541.6											1,037.1
5. UH	3.9	0.0											3.9
6. POH	0.0	0.0											0.0
7. FOH	3.9	0.0											3.9
8. MOH	0.0	0.0											0.0
9. PFOH	62.2	2.1											64.4
10. LR PF (MW)	6.1	188.8											12.1
11. PMOH	10.1	10.0											20.1
12. LR PM (MW)	140.6	146.2											143.4
13. NSC (MW)	498	498											498
14. OPER MBTU	672,363	298,647											971,011
15. NET GEN (MWH)	67,611	25,628											93,239
16. ANOHR (BTU/KWH)	9,944.6	11,653.2											10,414.2
17. NOF (%)	55.36	39.47											49.85
18. NPC (MW)	498	498											498

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

ANCLOTE 2	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	99.01	99.38											99.19
2. PH	744	672											1,416
3. SH	698.5	672.0											1,370.5
4. RSH	45.5	0.0											45.5
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PFOH	0.4	0.0											0.4
10. LR PF (MW)	458.7	0.0											458.7
11. PMOH	25.1	10.5											35.6
12. LR PM (MW)	137.2	196.6											154.7
13. NSC (MW)	495	495											495
14. OPER MBTU	1,726,553	1,165,516											2,892,069
15. NET GEN (MWH)	173,090	114,584											287,674
16. ANOHR (BTU/KWH)	9,974.9	10,171.7											10,053.3
17. NOF (%)	50.06	34.45											42.41
18. NPC (MW)	495	495											495

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

BARTOW 3	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	98.11	87.43											93.04
2. PH	744	672											1,416
3. SH	586.4	625.2											1,211.6
4. RSH	157.6	0.0											157.6
5. UH	0.0	46.9											46.9
6. POH	0.0	0.0											0.0
7. FOH	0.0	13.5											13.5
8. MOH	0.0	33.4											33.4
9. PFOH	539.7	88.5											628.2
10. LR PF (MW)	1.3	44.5											7.4
11. PMOH	18.9	32.8											51.7
12. LR PM (MW)	115.7	113.6											114.4
13. NSC (MW)	204	204											204
14. OPER MBTU	761,752	726,495											1,488,247
15. NET GEN (MWH)	75,037	69,508											144,545
16. ANOHR (BTU/KWH)	10,151.7	10,452.0											10,296.1
17. NOF (%)	62.73	54.50											58.48
18. NPC (MW)	204	204											204

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

CRYSTAL RIVER 4	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	98.00	99.51											98.72
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PFOH	12.0	19.4											31.4
10. LR PF (MW)	574.2	123.0											295.4
11. PMOH	10.4	0.0											10.4
12. LR PM (MW)	365.0	0.0											365.0
13. NSC (MW)	720	720											720
14. OPER MBTU	3,654,646	3,107,193											6,761,838
15. NET GEN (MWH)	377,504	322,166											699,670
16. ANOHR (BTU/KWH)	9,681.1	9,644.7											9,664.3
17. NOF (%)	70.47	66.59											68.63
18. NPC (MW)	720	720											720

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

CRYSTAL RIVER 5	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	99.73	100.00											99.86
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PFOH	2.6	0.0											2.6
10. LR PF (MW)	395.0	0.0											395.0
11. PMOH	12.1	0.0											12.1
12. LR PM (MW)	35.5	0.0											35.5
13. NSC (MW)	717	717											717
14. OPER MBTU	3,942,224	3,316,053											7,258,277
15. NET GEN (MWH)	409,143	345,746											754,889
16. ANOHR (BTU/KWH)	9,635.3	9,591.0											9,615.0
17. NOF (%)	76.70	71.76											74.35
18. NPC (MW)	717	717											717

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

CRYSTAL RIVER 1	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	99.25	99.95											99.58
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PFOH	14.0	0.0											14.0
10. LR PF (MW)	150.6	0.0											150.6
11. PMOH	0.0	6.7											6.7
12. LR PM (MW)	0.0	20.8											20.8
13. NSC (MW)	379	379											379
14. OPER MBTU	2,031,544	1,887,377											3,918,921
15. NET GEN (MWH)	208,234	194,135											402,369
16. ANOHR (BTU/KWH)	9,756.1	9,722.0											9,739.6
17. NOF (%)	73.85	76.22											74.98
18. NPC (MW)	379	379											379

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

CRYSTAL RIVER 2	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	80.58	94.84											87.34
2. PH	744	672											1,416
3. SH	674.5	672.0											1,346.5
4. RSH	0.0	0.0											0.0
5. UH	69.5	0.0											69.5
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	69.5	0.0											69.5
9. PFOH	179.1	262.0											441.1
10. LR PF (MW)	76.2	49.3											60.2
11. PMOH	309.3	76.9											386.2
12. LR PM (MW)	73.7	51.3											69.3
13. NSC (MW)	486	486											486
14. OPER MBTU	2,237,293	2,419,906											4,657,199
15. NET GEN (MWH)	231,525	253,827											485,352
16. ANOHR (BTU/KWH)	9,663.3	9,533.7											9,595.5
17. NOF (%)	70.63	77.72											74.17
18. NPC (MW)	486	486											486

** January 2002 data revised for the following variables: EAF, PFOH, LR PF, PMOH, LR PM

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

CRYSTAL RIVER 3	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	100.00	100.00											100.00
2. PH	744	672											1,416
3. SH	744.0	672.0											1,416.0
4. RSH	0.0	0.0											0.0
5. UH	0.0	0.0											0.0
6. POH	0.0	0.0											0.0
7. FOH	0.0	0.0											0.0
8. MOH	0.0	0.0											0.0
9. PFOH	0.0	0.0											0.0
10. LR PF (MW)	0.0	0.0											0.0
11. PMOH	0.0	0.0											0.0
12. LR PM (MW)	0.0	0.0											0.0
13. NSC (MW)	765	765											765
14. OPER MBTU	5,923,217	5,347,366											11,270,583
15. NET GEN (MWH)	579,868	524,292											1,104,160
16. ANOHR (BTU/KWH)	10,214.8	10,199.2											10,207.4
17. NOF (%)	101.88	101.99											101.93
18. NPC (MW)	765	765											765

FLORIDA POWER CORPORATION

ACTUAL UNIT PERFORMANCE DATA -- YEAR 2002

TIGER BAY 1	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-Feb Period
1. EAF	95.39	100.00											97.58
2. PH	744	672											1,416
3. SH	709.7	672.0											1,381.7
4. RSH	0.0	0.0											0.0
5. UH	34.3	0.0											34.3
6. POH	0.0	0.0											0.0
7. FOH	34.3	0.0											34.3
8. MOH	0.0	0.0											0.0
9. PFOH	0.0	0.0											0.0
10. LR PF (MW)	0.0	0.0											0.0
11. PMOH	0.0	0.0											0.0
12. LR PM (MW)	0.0	0.0											0.0
13. NSC (MW)	207	207											207
14. OPER MBTU	957,345	857,613											1,814,958
15. NET GEN (MWH)	124,067	109,266											233,333
16. ANOHR (BTU/KWH)	7,716.4	7,848.9											7,778.4
17. NOF (%)	84.45	78.55											81.58
18. NPC (MW)	207	207											207

FLORIDA POWER CORPORATION

ACTUAL UNIT EVENT DATA -- JANUARY - FEBRUARY 2002

Anclote 1												
Plant and Unit	Year	Month	Event Number	Event Type	Cause Code	Start Date	Start Time	End Date	End Time	Event Duration Hours	Net Available Capacity	Description
Anclote 1	2002	1	7	U1	3312	01/08/2002	11.47	01/08/2002	15.06	3.32	0	MAGNETIC COUPLNG FAILED CAUSING LOSS OF CONDENSATE FLOW
Anclote 1	2002	1	12	U1	3410	01/31/2002	14.01	01/31/2002	14.37	0.6	0	BOILER FEED PUMP TRIP LEADING TO HIGH DRUM LEVEL CAUSING BOILER/TURBINE TRIP

Bartow 3												
Plant and Unit	Year	Month	Event Number	Event Type	Cause Code	Start Date	Start Time	End Date	End Time	Event Duration Hours	Net Available Capacity	Description
Bartow 3	2002	2	18	MO	1050	02/26/2002	17.51	02/28/2002	3.12	33.35	0	SUPERHEATER TUBE LEAK PENDANT SECTION
Bartow 3	2002	2	20	U1	1050	02/28/2002	10.3	03/01/2002	0	13.5	0	SUPERHEATER TUBE LEAK PENDANT SECTION

Crystal River South 2												
Plant and Unit	Year	Month	Event Number	Event Type	Cause Code	Start Date	Start Time	End Date	End Time	Event Duration Hours	Net Available Capacity	Description
Crystal River South 2	2002	1	13	MO	1070	01/25/2002	13.2	01/28/2002	10.51	69.52	0	REPAIRED 3 OVERHEATED LEAKS AND 2 WASHED TUBES IN REHEATER

Tiger Bay												
Plant and Unit	Year	Month	Event Number	Event Type	Cause Code	Start Date	Start Time	End Date	End Time	Event Duration Hours	Net Available Capacity	Description
Tiger Bay 1	2002	1	1	U1	3999	01/07/2002	12.38	01/08/2002	22.55	34.28	0	LP DRUM LEVEL

*Note: There were no outage events for the remaining units not identified above