

CATEGORY 1

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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME AUTHOR AFFILIATION
 ROGERS, J.A. Florida Power & Light Co.
 BOHLKE, W.H. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1996 for St Lucie Units 1 & 2.W/960312 ltr.

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Florida Power & Light Company, P.O. Box 128, Fort Pierce, FL 34954-0128

L-96-65
10 CFR 50.36

MAR 12 1996


U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Pursuant to Technical Specification 6.9.1.6, attached are the February 1996, Operating Data, Summary of Operating Experience, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions Reports for St. Lucie Units 1 and 2.

Should there be any questions on this information, please contact us.

Very truly yours,


W. H. Bohlke
Vice President
St. Lucie Plant

WHB/SL

Attachments

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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9603210192 960229
PDR ADDCK 05000335
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an FPL Group company

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OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 3/ 6/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: FEBRUARY 1996
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 872
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
10. REASONS FOR RESTRICTIONS, IF ANY: _____

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	696	1440	168240.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	657.8	1401.8	131441.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	632.4	1376.4	129998.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1656379	3655403	337132192
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	541339	1191589	111180609
18. NET ELECTRICAL ENERGY GENERATED (MWH)	510704	1127346	105072619
19. UNIT SERVICE FACTOR	90.9	95.6	77.3
20. UNIT AVAILABILITY FACTOR	90.9	95.6	77.3
21. CAPACITY FACTOR (USING MDC NET)	87.5	93.3	76.5
22. CAPACITY FACTOR (USING DER NET)	88.4	94.3	76.0
23. UNIT FORCED OUTAGE RATE	9.1	4.4	5.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : Refueling and Maintenance - April 29, 1996			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: March 11, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH February, 1996

Unit 1 operated at full power for the first week of the month. The unit reduced power for waterbox cleaning February 8 through 10. On February 22, the unit downpowered to recover a dropped control element assembly (CEA). The unit was manually tripped and the CEA power supply was replaced. The unit was returned to service on February 25.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : March 11, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

MONTH February, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
02/01/96	821
02/02/96	817
02/03/96	819
02/04/96	817
02/05/96	831
02/06/96	835
02/07/96	839
02/08/96	795
02/09/96	557
02/10/96	715
02/11/96	835
02/12/96	834
02/13/96	838
02/14/96	833
02/15/96	837
02/16/96	835
02/17/96	842
02/18/96	843
02/19/96	842
02/20/96	843
02/21/96	838
02/22/96	414
02/23/96	0
02/24/96	0
02/25/96	484
02/26/96	846
02/27/96	836
02/28/96	854
02/29/96	844

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: March 11, 1996
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH February, 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	2/8/96	S	0.0	B	5	N/A	HF	HTEXCH	Unit 1 reduced power for waterbox cleaning.
4	2/22/96	F	3.2	A	5	N/A	RC	CONROD	Unit 1 reduced power to due to dropped control element assembly.
5	2/22/96	F	63.6	A	1	96-002	RC	CONROD	Unit 1 removed from service due to dropped control element assembly.

¹
 F Forced
 S Scheduled

²
 Reason
 A - Equipment failure (explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

³
 Method
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continued
 5 - Load Reduction
 9 - Other (Explain)

⁴
 Exhibit G - Instructions for
 Preparation of Data Entry
 Sheets Licensee Event Report
 (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 3/ 6/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: FEBRUARY 1996
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 882
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
10. REASONS FOR RESTRICTIONS, IF ANY: _____

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	696	1440	110137.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1396.9	92267.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	696.0	1296.8	90735.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1866281	3356914	235819636
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	620620	1115020	78175690
18. NET ELECTRICAL ENERGY GENERATED (MWH)	588788	1051424	73842092
19. UNIT SERVICE FACTOR	100.0	90.1	82.4
20. UNIT AVAILABILITY FACTOR	100.0	90.1	82.4
21. CAPACITY FACTOR (USING MDC NET)	100.8	87.0	80.7
22. CAPACITY FACTOR (USING DER NET)	101.9	88.0	81.2
23. UNIT FORCED OUTAGE RATE	0.0	3.4	6.6
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: March 11, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH February, 1996

Unit 2 operated at essentially full power for the entire month of February.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: March 11, 1996
COMPLETED BY: J.A ROGERS
TELEPHONE: (407) 467-7296

MONTH February, 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
02/01/96	849
02/02/96	849
02/03/96	849
02/04/96	853
02/05/96	855
02/06/96	856
02/07/96	856
02/08/96	859
02/09/96	857
02/10/96	847
02/11/96	846
02/12/96	845
02/13/96	847
02/14/96	848
02/15/96	847
02/16/96	842
02/17/96	848
02/18/96	847
02/19/96	848
02/20/96	855
02/21/96	816
02/22/96	839
02/23/96	834
02/24/96	839
02/25/96	834
02/26/96	829
02/27/96	832
02/28/96	853
02/29/96	855

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE UNIT 2
 DATE: March 11, 1996
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH February, 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									Unit 2 operated at full power for the entire month.

¹
 F Forced
 S Scheduled

²
 Reason
 A - Equipment failure (explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

³
 Method
 1 - Manual
 2 - Manual Scram
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 4 - Continued
 5 - Load Reduction
 9 - Other (Explain)

⁴
 Exhibit G - Instructions for
 Preparation of Data Entry
 Sheets Licensee Event Report
 (LER) File (NUREG-0161)

⁵
 Exhibit 1 - Same Source

