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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.  
 SAGER,D.A.      Florida Power & Light Co.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1995 for St Lucie.W/950515  
 ltr.

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May 15, 1995

L-95-146  
10 CFR 50.36

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 April, 1995, Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

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

Very truly yours,

D. A. Sager  
Vice President  
St. Lucie Plant

DAS/PTQ

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

Attachments

220000003

9505220139 950430  
PDR ADCK 05000335  
R PDR



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: May 15, 1995  
COMPLETED BY: J.A. Rogers  
TELEPHONE: (407) 468-4157

REPORT MONTH April, 1995

Unit 1 operated at essentially full power for the entire month.

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

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 5/ 8/95  
 FPL LICENSING GROUP - JUNO  
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: APRIL 1995
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:	719	2879	160919.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2659.6	125983.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	719.0	2652.2	124609.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1944432	7117169	322850910
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	643620	2363530	106513540
18. NET ELECTRICAL ENERGY GENERATED (MWH)	611582	2241282	100678185
19. UNIT SERVICE FACTOR	100.0	92.1	77.4
20. UNIT AVAILABILITY FACTOR	100.0	92.1	77.5
21. CAPACITY FACTOR (USING MDC NET)	101.4	92.8	76.8
22. CAPACITY FACTOR (USING DER NET)	102.5	93.8	76.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	3.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE : May 15, 1995  
COMPLETED BY: J.A. ROGERS  
TELEPHONE: (407) 468-4157

MONTH April, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
4/01/95	850
4/02/95	849
4/03/95	851
4/04/95	850
4/05/95	851
4/06/95	851
4/07/95	851
4/08/95	850
4/09/95	851
4/10/95	848
4/11/95	849
4/12/95	849
4/13/95	849
4/14/95	849
4/15/95	848
4/16/95	849
4/17/95	849
4/18/95	849
4/19/95	849
4/20/95	851
4/21/95	851
4/22/95	850
4/23/95	854
4/24/95	857
4/25/95	856
4/26/95	853
4/27/95	852
4/28/95	852
4/29/95	851
4/30/95	850

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335  
 UNIT NAME: ST LUCIE UNIT 1  
 DATE: May 15, 1995

COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (407) 468-4157

REPORT MONTH April, 1995

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

<sup>1</sup>  
 F Forced  
 S Scheduled

<sup>2</sup>  
 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)

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

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

<sup>5</sup>  
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: May 15, 1995  
COMPLETED BY: J.A. Rogers  
TELEPHONE: (407) 468-4157

REPORT MONTH April, 1995

Unit 2 operated at greater than 80 percent power until April 24 when the unit downpowered to approximately 90% for turbine valve testing. On April 25 unit shutdown to replace the DEH power supply, with reactor remaining critical; the unit returned to full power by end of day.

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



OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 5/ 8/95  
 FPL LICENSING GROUP - JUNO  
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: APRIL 1995
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:	719	2879	102816.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2804.4	87072.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	711.8	2793.1	85660.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1901570	7465004	222662545
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	619900	2463070	73916780
18. NET ELECTRICAL ENERGY GENERATED (MWH)	586793	2331767	69837647
19. UNIT SERVICE FACTOR	99.0	97.0	83.3
20. UNIT AVAILABILITY FACTOR	99.0	97.0	83.3
21. CAPACITY FACTOR (USING MDC NET)	97.3	96.5	81.9
22. CAPACITY FACTOR (USING DER NET)	98.3	97.6	82.3
23. UNIT FORCED OUTAGE RATE	1.0	3.0	6.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : Refueling October 2, 1995			

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: May 15, 1995  
COMPLETED BY: J.A ROGERS  
TELEPHONE: (407) 468-4157

MONTH April, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
4/01/95	841
4/02/95	838
4/03/95	840
4/04/95	840
4/05/95	842
4/06/95	839
4/07/95	839
4/08/95	839
4/09/95	838
4/10/95	834
4/11/95	833
4/12/95	831
4/13/95	830
4/14/95	830
4/15/95	828
4/16/95	828
4/17/95	829
4/18/95	828
4/19/95	830
4/20/95	830
4/21/95	831
4/22/95	829
4/23/95	837
4/24/95	824
4/25/95	265
4/26/95	845
4/27/95	844
4/28/95	842
4/29/95	841
4/30/95	840

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT NAME: ST LUCIE UNIT 2  
 DATE: May 15, 1995

COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (407) 468-4157

REPORT MONTH April, 1995

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
3	950425	S	7.2	B	1	N/A	HA	INSTRU	Unit 2 offline for DEH power supply replacement.

<sup>1</sup>  
 F Forced  
 S Scheduled

<sup>2</sup>  
 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)

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

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

<sup>5</sup>  
 Exhibit 1 - Same Source