

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.
STALL, J.A. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for August 1997 for St Lucie.
W/970908 ltr.

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FPL

Florida Power & Light Company, 6501 South Ocean Drive, Jensen Beach, FL 34957

September 8, 1997

L-97-235
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 August 1997, Operating Data Report, Summary of Operating Experience Report, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions for St. Lucie Units 1 and 2.

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

Very truly yours,

J. A. Stall
Vice President
St. Lucie Plant

JAS/tlt

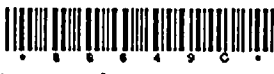
Attachments

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

RE-24
1/1

9709160180 970831
PDR ADOCK 05000335
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100058



OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 09/04/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: AUGUST 1997
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: _____	744.0	5831.0	181415.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5681.5	142349.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	5667.0	140764.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2007449	15205412	365534395
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	654300	4997030	120515060
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	620897	4739066	113906379
19. UNIT SERVICE FACTOR _____	100	97.2	77.6
20. UNIT AVAILABILITY FACTOR _____	100	97.2	77.6
21. CAPACITY FACTOR (USING MDC NET) _____	99.5	96.9	74.8
22. CAPACITY FACTOR (USING DER NET) _____	100	97.9	75.7
23. UNIT FORCED OUTAGE RATE _____	0.0	2.8	4.9

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: October 20, 1997 Refueling Outage

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: September 4, 1997
COMPLETED BY: J.A.ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH August, 1997

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

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 Saint Lucie #1
DATE Sep 03, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH August, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
08/01/97	838
08/02/97	837
08/03/97	836
08/04/97	838
08/05/97	839
08/06/97	838
08/07/97	836
08/08/97	835
08/09/97	836
08/10/97	837
08/11/97	836
08/12/97	837
08/13/97	835
08/14/97	838
08/15/97	834
08/16/97	834
08/17/97	832
08/18/97	832
08/19/97	836
08/20/97	832
08/21/97	822
08/22/97	834
08/23/97	834
08/24/97	835
08/25/97	833
08/26/97	837
08/27/97	829
08/28/97	832
08/29/97	835
08/30/97	832
08/31/97	832

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: Sept. 4, 1997
 COMPLETED BY: J.A. Rogers
 TELEPHONE: (561) 467-7296

REPORT MONTH August, 1997

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 1 operated at essentially full power for the entire month of August.

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 1 - Same Source

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 09/04/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: AUGUST 1997
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: _____	744.0	5831.0	123312.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	4866.3	104312.5
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	4827.4	102711.6
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2006859	12857522	267708654
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	664490	4234080	92672580
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	630490	4008498	83775968
19. UNIT SERVICE FACTOR _____	100.0	82.8	83.3
20. UNIT AVAILABILITY FACTOR _____	100.0	82.8	83.3
21. CAPACITY FACTOR (USING MDC NET) _____	100.0	81.9	81.0
22. CAPACITY FACTOR (USING DER NET) _____	100.0	82.8	81.9
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	6.1

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: September 4, 1997
COMPLETED BY: J.A.ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH August, 1997

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

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.

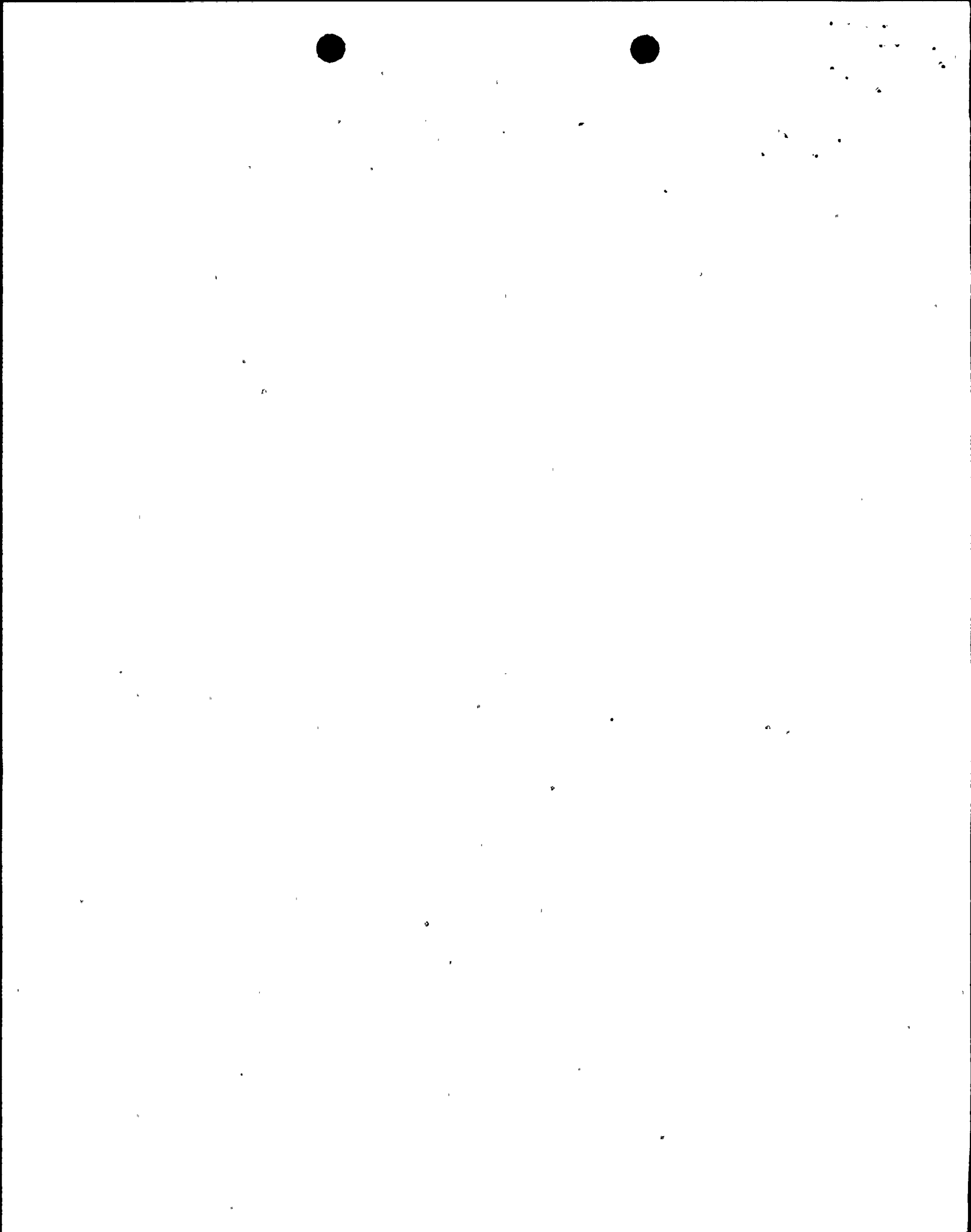


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 389
UNIT Saint Lucie #2
DATE Sep 03, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH August, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
08/01/97	851
08/02/97	851
08/03/97	851
08/04/97	851
08/05/97	850
08/06/97	851
08/07/97	849
08/08/97	850
08/09/97	849
08/10/97	849
08/11/97	848
08/12/97	849
08/13/97	853
08/14/97	842
08/15/97	850
08/16/97	846
08/17/97	847
08/18/97	844
08/19/97	849
08/20/97	847
08/21/97	846
08/22/97	847
08/23/97	849
08/24/97	848
08/25/97	840
08/26/97	841
08/27/97	844
08/28/97	847
08/29/97	844
08/30/97	847
08/31/97	841



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE, UNIT 2
 DATE: Sept. 4, 1997
 COMPLETED BY: J. A. Rogers
 TELEPHONE: (561) 467-7296

REPORT MONTH August, 1997

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 essentially full power for the entire month of August..

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
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