

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9704170116 DOG. DATE: 97/03/31 NOTARIZED: NO DOCKET #
 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 Mar 1997 for St. Lucie,
 Units 1 & 2. W/970410 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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April 10, 1997

L-97-97
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 March 1997, Operating Data Report, Summary of Operating Experience Reports, 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/spt

Attachments

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

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9704170116 970331
PDR ADOCK 05000335
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2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
UNIT Saint Lucie #1
DATE Apr 01, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH March, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
03/01/97	846
03/02/97	844
03/03/97	847
03/04/97	424
03/05/97	0
03/06/97	0
03/07/97	322
03/08/97	830
03/09/97	844
03/10/97	845
03/11/97	844
03/12/97	843
03/13/97	844
03/14/97	845
03/15/97	845
03/16/97	844
03/17/97	845
03/18/97	845
03/19/97	845
03/20/97	844
03/21/97	845
03/22/97	846
03/23/97	845
03/24/97	844
03/25/97	845
03/26/97	844
03/27/97	842
03/28/97	843
03/29/97	842
03/30/97	843
03/31/97	843

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 04/03/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: MARCH 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	2160.0	177744.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	685.6	2101.6	136769.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	679.4	2095.4	137192.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1806777	5611455	355940438
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	595420	1858240	117376270
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	563110	1762672	110929985
19. UNIT SERVICE FACTOR _____	91.3	97.0	77.2
20. UNIT AVAILABILITY FACTOR _____	91.3	97.0	77.2
21. CAPACITY FACTOR (USING MDC NET) _____	90.2	97.3	74.4
22. CAPACITY FACTOR (USING DER NET) _____	91.2	98.3	75.2
23. UNIT FORCED OUTAGE RATE _____	8.7	3.0	5.0

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: _____
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: April 3, 1997
 COMPLETED BY: J.A. Rogers
 TELEPHONE: (561) 467-7296

REPORT MONTH March, 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
2	3/4/97	F	64.6	A	3	#97-003	CB	CKTBRK	Unit 1 offline (reactor trip) due to a loss of electrical power to the 1A2 Reactor Coolant Pump.

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



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: April 2, 1997
COMPLETED BY: J.A. ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH March, 1997

Unit 1 operated at full power through March 3. On March 4 a reactor trip occurred when a breaker opened and caused the 1A2 reactor coolant pump to de-energize. The unit returned to power on March 7 and reached full power on March 8. The unit operated at essentially full power for the remainder of the month.

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 Apr 01, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH March, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
03/01/97	839
03/02/97	841
03/03/97	841
03/04/97	843
03/05/97	843
03/06/97	842
03/07/97	841
03/08/97	841
03/09/97	841
03/10/97	841
03/11/97	840
03/12/97	839
03/13/97	838
03/14/97	840
03/15/97	840
03/16/97	839
03/17/97	840
03/18/97	842
03/19/97	843
03/20/97	840
03/21/97	839
03/22/97	841
03/23/97	839
03/24/97	826
03/25/97	835
03/26/97	838
03/27/97	836
03/28/97	835
03/29/97	836
03/30/97	837
03/31/97	837

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 04/03/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

-
1. UNIT NAME: ST. LUCIE UNIT 2
 2. REPORTING PERIOD: MARCH 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	2160.0	119641.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	2160.0	101602.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	2160.0	100044.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2007053	5759905	260611037
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	658050	1890260	90328760
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	624280	1792439	81559903
19. UNIT SERVICE FACTOR _____	100.0	100.0	83.6
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	83.6
21. CAPACITY FACTOR (USING MDC NET) _____	100.0	98.9	81.3
22. CAPACITY FACTOR (USING DER NET) _____	100.0	100.0	82.1
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	6.2

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: April 14, 1997 Refueling & Maintenance

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389

UNIT NAME: ST LUCIE UNIT 2
 DATE: April 3, 1997
 COMPLETED BY: J.A.ROGERS
 TELEPHONE: (561) 467-7296

REPORT MONTH March, 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 March.

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: April 3, 1997
COMPLETED BY: J.A. ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH March, 1997

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

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.