

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9701170398 DOC. DATE: 96/12/31 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 Dec 1996 for St Lucie, Units 1 & 2. W/970113 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9
TITLE: Monthly Operating Report (per Tech Specs)

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January 13, 1997

L-97-009
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 December 1996, 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

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

Attachments

9701170398 961231]
PDR ADOCK 05000335
R PDR]

170055

1/17/97

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 01/02/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: DECEMBER 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: _____	744.0	8784.0	175584.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	6627.7	136667.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	737.9	6475.5	135097.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1975012	16852294	350328983
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	656250	5529010	115518030
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	623095	5222040	109167313
19. UNIT SERVICE FACTOR _____	99.2	73.7	76.9
20. UNIT AVAILABILITY FACTOR _____	99.2	73.7	76.9
21. CAPACITY FACTOR (USING MDC NET) _____	99.8	70.9	74.1
22. CAPACITY FACTOR (USING DER NET) _____	100.9	71.6	74.9
23. UNIT FORCED OUTAGE RATE _____	0.8	2.9	5.0

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

AVERAGE DAILY T POWER LEVEL

DOCKET NO. 50 - 335
UNIT Saint Lucie #1
DATE Jan 10, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
12/01/96	851
12/02/96	851
12/03/96	851
12/04/96	854
12/05/96	851
12/06/96	854
12/07/96	851
12/08/96	852
12/09/96	852
12/10/96	854
12/11/96	855
12/12/96	855
12/13/96	855
12/14/96	854
12/15/96	854
12/16/96	854
12/17/96	855
12/18/96	842
12/19/96	846
12/20/96	853
12/21/96	856
12/22/96	856
12/23/96	853
12/24/96	853
12/25/96	851
12/26/96	425
12/27/96	832
12/28/96	848
12/29/96	848
12/30/96	848
12/31/96	848

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: January 2, 1997
 COMPLETED BY: J.A. Rogers
 TELEPHONE: (407) 467-7296

REPORT MONTH December, 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
19	12/26/96	F	6.1	A	4	N/A	HA	VALVES	Turbine removed from service to repair a leak on the hydraulic system.

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: January 2, 1997
COMPLETED BY: J.A.ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH December, 1996

Unit 1 operated at essentially full power through December 26. On December 26 the turbine was taken out of service for repair of a leak on the hydraulic system. The unit was returned to service by the end of the day.

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.



OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 01/02/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

-
1. UNIT NAME: ST. LUCIE UNIT 2
 2. REPORTING PERIOD: DECEMBER 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: _____	744.0	8784.0	117481.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	8575.6	99446.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	8445.5	97884.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2004007	22388410	254851132
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	660250	7377830	88438500
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	626505	6984796	79767464
19. UNIT SERVICE FACTOR _____	100	96.2	83.3
20. UNIT AVAILABILITY FACTOR _____	100	96.2	83.3
21. CAPACITY FACTOR (USING MDC NET) _____	100.4	94.8	80.9
22. CAPACITY FACTOR (USING DER NET) _____	101.5	95.8	81.8
23. UNIT FORCED OUTAGE RATE _____	0.0	2.8	6.3

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: April 15, 1997 Refueling & Maintenance

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

AVERAGE DAILY NET POWER LEVEL

DOCKET NO. 50 - 389
UNIT Saint Lucie #2
DATE Jan 10, 1997
COMPLETED BY J. A. Rogers
TELEPHONE (561) 467 - 7296

MONTH December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
12/01/96	844
12/02/96	843
12/03/96	843
12/04/96	844
12/05/96	844
12/06/96	843
12/07/96	843
12/08/96	844
12/09/96	844
12/10/96	847
12/11/96	846
12/12/96	847
12/13/96	845
12/14/96	846
12/15/96	846
12/16/96	846
12/17/96	850
12/18/96	848
12/19/96	835
12/20/96	802
12/21/96	848
12/22/96	845
12/23/96	843
12/24/96	841
12/25/96	842
12/26/96	842
12/27/96	833
12/28/96	846
12/29/96	839
12/30/96	839
12/31/96	838

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH December, 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 essentially 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
 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: January 2, 1997
COMPLETED BY: J.A. ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH December, 1996

Unit 2 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 power operated relief valves or the safety valves during the report period.



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