

# CATEGORY 1

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9702190331      DOC. DATE: 97/01/31      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 Jan 1997 for St Lucie Units 1 &  
; 2.W/970214 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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**FPL**

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

February 14, 1997

L-97-32  
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 January 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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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: February 5, 1997  
COMPLETED BY: J.A.ROGERS  
TELEPHONE: (561) 467-7296

REPORT MONTH January, 1997

Unit 1 operated at essentially full power until January 31. On January 31 the unit downpowered to approximately 80% power to repair a leak on a turbine cooling water system hydrogen cooler. Upon completion of repair, the unit was unable to return to full power due to a problem with control rod #38. The unit returned to full power on February 1.

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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335  
 UNIT NAME: ST LUCIE UNIT 1  
 DATE: February 5, 1997  
 COMPLETED BY: J.A. Rogers  
 TELEPHONE: (561) 467-7296

REPORT MONTH January, 1997

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
1	1/31/97	F	0.0	A	5	N/A	HF	HTEXCH	Unit 1 downpowered to repair a leak on turbine cooling water hydrogen cooler and to replace a timer module on control rod #38.

<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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335  
UNIT Saint Lucio #1  
DATE Feb 05, 1997  
COMPLETED BY J. A. Rogers  
TELEPHONE (561) 467 - 7296

MONTH January, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
01/01/97	848
01/02/97	848
01/03/97	849
01/04/97	850
01/05/97	851
01/06/97	848
01/07/97	851
01/08/97	848
01/09/97	850
01/10/97	850
01/11/97	849
01/12/97	850
01/13/97	850
01/14/97	852
01/15/97	852
01/16/97	853
01/17/97	852
01/18/97	854
01/19/97	855
01/20/97	858
01/21/97	854
01/22/97	854
01/23/97	854
01/24/97	852
01/25/97	853
01/26/97	851
01/27/97	855
01/28/97	807
01/29/97	827
01/30/97	850
01/31/97	790

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 02/05/97  
 FPL LICENSING GROUP - PSL  
 TELEPHONE 561/467/7296

OPERATING STATUS

- 
1. UNIT NAME: ST. LUCIE UNIT 1
  2. REPORTING PERIOD: JANUARY 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	744.0	176328.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	744.0	137411.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	744.0	135841.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1997680	1997680	352326663
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	663550	663550	116181580
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	630378	630378	109797691
19. UNIT SERVICE FACTOR _____	100.0	100.0	77.0
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	77.0
21. CAPACITY FACTOR (USING MDC NET) _____	100.0	100.0	74.2
22. CAPACITY FACTOR (USING DER NET) _____	100.0	100.0	75.1
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	5.0

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: February 5, 1997  
COMPLETED BY: J.A. ROGERS  
TELEPHONE: (561) 467-7296

REPORT MONTH January, 1997

Unit 2 operated at essentially full power until January 20. On January 20 the unit downpowered to approximately 90% to inspect circulating water piping. On January 22 the unit further downpowered to approximately 80% to replace a solenoid on the 2A moisture reheater separator reheat stop valve. The unit remained at 80% power for further inspection and repair of circulating water piping and for turbine valve testing on January 23. The unit returned to full power on January 24.

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.



# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT NAME: ST LUCIE UNIT 2  
 DATE: February 5, 1997  
 COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (561) 467-7296

REPORT MONTH January, 1997

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
1	1/20/97	F	76.0	A	5	N/A	HF	PIPEXX	Unit 2 downpowered to inspect and repair piping on the circulating water system.

<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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 389  
UNIT Saint Lucie #2  
DATE Feb 05, 1997  
COMPLETED BY J. A. Rogers  
TELEPHONE (561) 467 - 7296

MONTH January, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
01/01/97	838
01/02/97	839
01/03/97	840
01/04/97	841
01/05/97	838
01/06/97	841
01/07/97	840
01/08/97	839
01/09/97	839
01/10/97	840
01/11/97	842
01/12/97	840
01/13/97	844
01/14/97	842
01/15/97	843
01/16/97	842
01/17/97	844
01/18/97	846
01/19/97	846
01/20/97	833
01/21/97	758
01/22/97	708
01/23/97	687
01/24/97	833
01/25/97	843
01/26/97	842
01/27/97	843
01/28/97	842
01/29/97	842
01/30/97	844
01/31/97	844

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 02/05/97  
 FPL LICENSING GROUP - PSL  
 TELEPHONE 561/467/7296

OPERATING STATUS

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1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JANUARY 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	744.0	118225.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	744.0	100190.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744.0	744.0	98628.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1977715	1977715	256828847
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	650550	650550	89089050
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	616844	616844	80384308
19. UNIT SERVICE FACTOR _____	100.0	100.0	83.4
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	83.4
21. CAPACITY FACTOR (USING MDC NET) _____	98.8	98.8	81.0
22. CAPACITY FACTOR (USING DER NET) _____	99.9	99.9	81.9
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	6.3

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: \_\_\_\_\_