

# 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 May 1996 for St Lucie Units 1 & 2.W/960612 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

JUN 12 1996

L-96-145  
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 May 1996, Operating Data, Summary of Operating Experience, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions Reports 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/SL

Attachments

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

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PDR ADDCK 05000335  
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OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 6/ 7/96  
 FPL LICENSING GROUP - JUNO  
 TELEPHONE 407/694/4432

OPERATING STATUS

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1. UNIT NAME: ST. LUCIE UNIT 1
  2. REPORTING PERIOD: MAY 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	3647	170447.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	2822.5	132862.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	0.0	2797.0	131418.6
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0.0	7402769	340879558
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0.0	2422760	112411780
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	0.0	2293262	106238535
19. UNIT SERVICE FACTOR _____	0.0	76.7	77.1
20. UNIT AVAILABILITY FACTOR _____	0.0	76.7	77.1
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	74.9	74.3
22. CAPACITY FACTOR (USING DER NET) _____	0.0	75.7	75.1
23. UNIT FORCED OUTAGE RATE _____	0.0	2.2	5.0

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: \_\_\_\_\_  
 \_\_\_\_\_
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 7/19/96.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: June 7, 1996  
COMPLETED BY: J.A. ROGERS  
TELEPHONE: (407) 467-7296

REPORT MONTH May, 1996

Unit 1 remained offline for the entire month for Cycle 14 refueling and maintenance.

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: St. Lucie #1  
DATE : June 7, 1996  
COMPLETED BY: J.A.ROGERS  
TELEPHONE: (407) 467-7296

MONTH May, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
05/01/96	0
05/02/96	0
05/03/96	0
05/04/96	0
05/05/96	0
05/06/96	0
05/07/96	0
05/08/96	0
05/09/96	0
05/10/96	0
05/11/96	0
05/12/96	0
05/13/96	0
05/14/96	0
05/15/96	0
05/16/96	0
05/17/96	0
05/18/96	0
05/19/96	0
05/20/96	0
05/21/96	0
05/22/96	0
05/23/96	0
05/24/96	0
05/25/96	0
05/26/96	0
05/27/96	0
05/28/96	0
05/29/96	0
05/30/96	0
05/31/96	0



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# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335  
 UNIT NAME: ST LUCIE UNIT 1  
 DATE: June 7, 1996  
 COMPLETED BY: J.A.ROGERS  
 TELEPHONE: (407) 467-7296

REPORT MONTH May, 1996

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
8	4/29/96	S	744	C	4	N/A	RC	VESSEL	Unit 1 offline for Cycle 14 refueling and maintenance.

<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





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OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 6/ 7/96  
 FPL LICENSING GROUP - JUNO  
 TELEPHONE 407/694/4432

OPERATING STATUS

- 
1. UNIT NAME: ST. LUCIE UNIT 2
  2. REPORTING PERIOD: MAY 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	3647	112344.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744	3603.9	94474.5
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744	3487.4	92926.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1984529	9123215	241585937
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	655450	3025530	80086200
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	621508	2861813	75652481
19. UNIT SERVICE FACTOR _____	100	95.6	82.7
20. UNIT AVAILABILITY FACTOR _____	100	95.6	82.7
21. CAPACITY FACTOR (USING MDC NET) _____	99.6	93.5	80.3
22. CAPACITY FACTOR (USING DER NET) _____	100	94.5	81.1
23. UNIT FORCED OUTAGE RATE _____	0.0	1.7	6.5

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: June 7, 1996  
COMPLETED BY: J.A. ROGERS  
TELEPHONE: (407) 467-7296

REPORT MONTH May, 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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: June 7, 1996  
COMPLETED BY: J.A ROGERS  
TELEPHONE: (407) 467-7296

MONTH May, 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
05/01/96	847
05/02/96	848
05/03/96	848
05/04/96	849
05/05/96	850
05/06/96	847
05/07/96	850
05/08/96	850
05/09/96	849
05/10/96	842
05/11/96	845
05/12/96	850
05/13/96	848
05/14/96	847
05/15/96	843
05/16/96	846
05/17/96	843
05/18/96	843
05/19/96	847
05/20/96	847
05/21/96	846
05/22/96	848
05/23/96	843
05/24/96	795
05/25/96	720
05/26/96	727
05/27/96	846
05/28/96	842
05/29/96	848
05/30/96	846
05/31/96	798



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# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT NAME: ST LUCIE UNIT 2  
 DATE: June 7, 1996  
 COMPLETED BY: J.A.ROGERS  
 TELEPHONE: (407) 467-7296

REPORT MONTH May, 1996

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 2 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 1 - Same Source