

# 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 Nov 1996 for St. Lucie  
Units 1 & 2. W/961216 ltr.

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FPL

December 16, 1996

L-96-325  
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 November 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

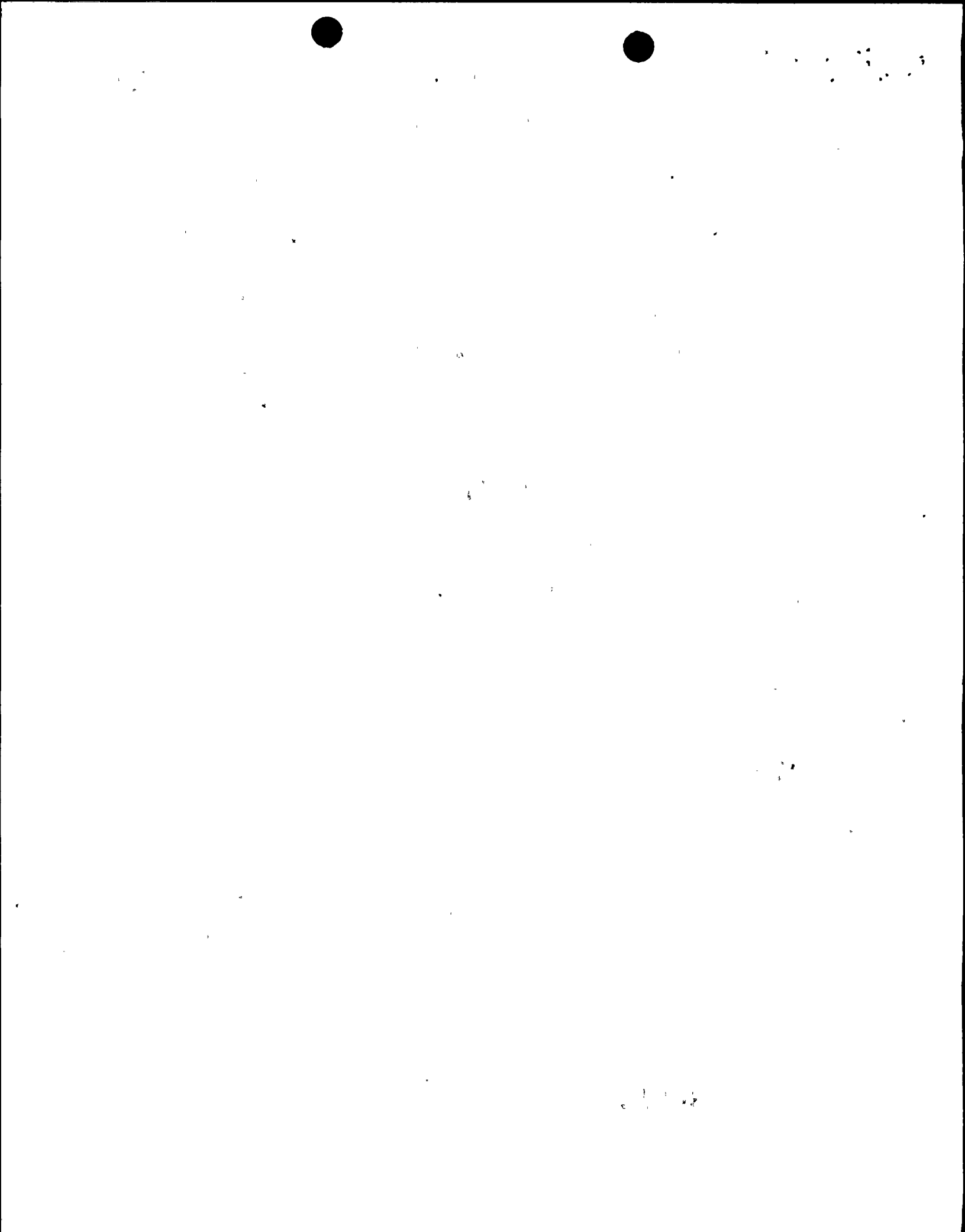
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Attachments

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

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9612230051 961130  
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OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 12/05/96  
 FPL LICENSING GROUP - PSL  
 TELEPHONE 561/467/7296

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: NOVEMBER 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: _____	720.0	8040.0	174840.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	5883.7	135923.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	720.0	5737.6	134359.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1918570	14877282	348353971
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	635420	4872760	114861780
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	603328	4598945	108544218
19. UNIT SERVICE FACTOR _____	100.0	71.4	76.9
20. UNIT AVAILABILITY FACTOR _____	100.0	71.4	76.9
21. CAPACITY FACTOR (USING MDC NET) _____	99.9	68.2	74.0
22. CAPACITY FACTOR (USING DER NET) _____	101.0	68.9	74.8
23. UNIT FORCED OUTAGE RATE _____	0.0	3.1	5.0

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

AVERAGE DAILY NET POWER LEVEL

DOCKET NO. 50 - 335  
UNIT Saint Lucie #1  
DATE Dec 06, 1996  
COMPLETED BY J.A. Rogers  
TELEPHONE (561) 467 - 7296

MONTH November, 1996

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

11/01/96	844
11/02/96	846
11/03/96	846
11/04/96	547
11/05/96	825
11/06/96	846
11/07/96	815
11/08/96	845
11/09/96	847
11/10/96	849
11/11/96	851
11/12/96	853
11/13/96	853
11/14/96	853
11/15/96	853
11/16/96	849
11/17/96	857
11/18/96	853
11/19/96	851
11/20/96	848
11/21/96	851
11/22/96	847
11/23/96	850
11/24/96	849
11/25/96	851
11/26/96	853
11/27/96	848
11/28/96	852
11/29/96	853
11/30/96	855

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335  
 UNIT NAME: ST LUCIE UNIT.1  
 DATE: December 5, 1996  
 COMPLETED BY: J.A. Rogers  
 TELEPHONE: (407) 467-7296

REPORT MONTH November, 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
18	11/4/96	F	0.0	A	5	N/A	HF	HTEXCH	Unit 1 downpowered to approximately 62% power to clean 1A turbine cooling water heat exchanger.

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)

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Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: December 5, 1996  
COMPLETED BY: J.A.ROGERS  
TELEPHONE: (561) 467-7296

REPORT MONTH November, 1996

Unit 1 operated at essentially full power through November 4. On November 4 the unit downpowered to approximately 60% power to clean the 1A turbine cooling water heat exchanger. On November 5 the unit returned to full power operation.

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 12/05/96  
 FPL LICENSING GROUP - PSL  
 TELEPHONE 561/467/7296

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: NOVEMBER 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: _____	720.0	8040.0	116737.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	7831.6	98702.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	720.0	7701.5	97140.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1939625	20384403	252847125
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	638060	6717580	87778250
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	605351	6358291	79140959
19. UNIT SERVICE FACTOR _____	100	95.8	83.2
20. UNIT AVAILABILITY FACTOR _____	100	95.8	83.2
21. CAPACITY FACTOR (USING MDC NET) _____	100.2	94.3	80.8
22. CAPACITY FACTOR (USING DER NET) _____	101.3	95.3	81.7
23. UNIT FORCED OUTAGE RATE _____	0.0	3.0	6.4

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 Dec 06, 1996  
COMPLETED BY J.A.Rogers  
TELEPHONE (561) 467 - 7296

MONTH November, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
11/01/96	838
11/02/96	839
11/03/96	840
11/04/96	841
11/05/96	811
11/06/96	838
11/07/96	840
11/08/96	840
11/09/96	841
11/10/96	842
11/11/96	844
11/12/96	844
11/13/96	846
11/14/96	845
11/15/96	844
11/16/96	845
11/17/96	846
11/18/96	845
11/19/96	843
11/20/96	843
11/21/96	841
11/22/96	840
11/23/96	841
11/24/96	843
11/25/96	828
11/26/96	842
11/27/96	842
11/28/96	844
11/29/96	841
11/30/96	845

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT NAME: ST LUCIE UNIT 2  
 DATE: November 4, 1996  
 COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (561) 467-7296

REPORT MONTH November, 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



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: December 6, 1996  
COMPLETED BY: J.A.ROGERS  
TELEPHONE: (561) 467-7296

REPORT MONTH November, 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.

