



Florida Power & Light Company, 6501 South Ocean Drive, Jensen Beach, FL 34957

April 14, 2001

L-2001-087  
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, and the guidance of Generic Letter 97-02, attached are the March 2001 Operating Data Report, Summary of Operating Experience Report, and Unit Shutdowns and Power Reductions for St. Lucie Units 1 and 2.

Please contact us should there be any questions regarding this information.

Very truly yours,

Rajiv S. Kundalkar  
Vice President  
St. Lucie Plant

RSK/spt

Attachments

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

DOCKET NO: 50-335  
UNIT NAME: St. Lucie Unit 1  
DATE: April 4, 2001  
COMPLETED BY: J. A. Rogers  
TELEPHONE: (561) 467-7296

REPORTING PERIOD: March 2001

1. Design Electrical Rating (Mwe-Net)\_\_\_\_\_ 830  
2. Maximum Dependable Capacity (Mwe-Net)\_\_\_\_ 839

	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical_____	744	2160	170762
4. Number of Hours Generator On Line_____	744	2160	169030.5
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	638219	1857743	137824710

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-335  
**UNIT:** St. Lucie #1  
**DATE:** April 4, 2001  
**COMPLETED BY:** J.A. Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH March 2001**

Unit 1 operated at essentially full power for most of the month of March, downpowering for main steam safety valve testing on March 31.

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: St. Lucie #1  
 DATE: April 4, 2001  
 COMPLETED BY: J.A.Rogers  
 TELEPHONE: (561) 467-7296

REPORT MONTH March 2001

NUMBER	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	Reason <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
1	3/31/01	S	0.0	B	5	Unit 1 downpowered for planned testing of the main steam safety valves.

<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)

DOCKET NO: 50-389  
UNIT NAME: St. Lucie Unit 2  
DATE: April 4, 2001  
COMPLETED BY: J. A. Rogers  
TELEPHONE: (561) 467-7296

REPORTING PERIOD: March 2001

1. Design Electrical Rating (Mwe-Net)_____	830		
2. Maximum Dependable Capacity (Mwe-Net)____	839		
	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical_____	672.3	2088.3	134055.2
4. Number of Hours Generator On Line_____	660.9	2076.9	132353.9
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	553531	1765454	108788608

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-389  
**UNIT:** St. Lucie #2  
**DATE:** April 4, 2001  
**COMPLETED BY:** J.A. Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH March 2001**

Unit 2 operated at essentially full power through March 13. On March 14, the unit tripped offline due to control rod drive power supply problems. On March 18, the unit returned to service and reached full power by end of 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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT: St. Lucie #2  
 DATE: April 4, 2001  
 COMPLETED BY: J.A.Rogers  
 TELEPHONE: (561) 467-7296

REPORT MONTH March 2001

Number	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Cause & Corrective Action to Prevent Recurrence
1	3/14/01	F	83.1	A	3	Unit 2 tripped offline due to problems with control rod drive power supplies. LER 50-389/2001-001
2	3/18/01	F	0.0	A	4	Unit 2 at reduced power due to problems with control rod drive power supplies.

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)