



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

January 14, 2002

L-2002-010  
10 CFR 50.36

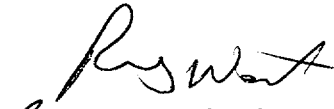
U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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 December 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,

  
Donald E. Jernigan  
Vice President  
St. Lucie Plant

DEJ/spt

Attachments

FE24

DOCKET NO.: 50-335  
UNIT NAME: St. Lucie Unit 1  
DATE: Jan. 7, 2002  
COMPLETED BY: J. A. Rogers  
TELEPHONE: (561) 467-7296

REPORTING PERIOD: December 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	7998.5	176600.5
4. Number of Hours Generator On Line_____	744	7916.5	174787
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	637507	6709772	142676739

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-335  
**UNIT:** St. Lucie #1  
**DATE:** Jan. 7, 2002  
**COMPLETED BY:** J.A. Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH December 2001**

Unit 1 operated at essentially full power through the entire month of December.

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: Jan. 7, 2002  
 COMPLETED BY: J.A. Rogers  
 TELEPHONE: (561) 467-7296

REPORT MONTH December 2001

Number	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Cause & Corrective Action to Prevent Recurrence
						Unit 1 operated at essentially full power for the entire month of December.

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)

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-389  
**UNIT:** St. Lucie #2  
**DATE:** Jan. 7, 2002  
**COMPLETED BY:** J.A. Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH December 2001**

Unit 2 remained offline through December 21 for refueling. On December 21, the unit returned to service at 1835. Power ascension continued through 1200 on December 22 at which time the unit was held at approximately 55 percent due to problems with MV-09-1 (2A feedwater pump discharge valve). Power was held at 55 percent until 2400 December 25, when the unit was taken offline for repairs to MV-09-1. On December 29 at 0539, the unit returned to service. The unit achieved full power at 0005 on December 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.

DOCKET NO.: 50-389  
UNIT NAME: St. Lucie Unit 2  
DATE: Jan. 7, 2002  
COMPLETED BY: J. A. Rogers  
TELEPHONE: (561) 467-7296

REPORTING PERIOD: December 2001

1. Design Electrical Rating (Mwe-Net)_____	830		
2. Maximum Dependable Capacity (Mwe-Net)____	839		
	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical_____	222	8046.3	140013.2
4. Number of Hours Generator On Line_____	167.8	7980.7	138257.7
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	76485	6707492	113730646

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389  
 UNIT: St. Lucie #2  
 DATE: Jan.7, 2002  
 COMPLETED BY: J.A. Rogers  
 TELEPHONE: (561) 467-7296

REPORT MONTH December 2001

Number	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Cause & Corrective Action to Prevent Recurrence
5	11/26/01	S	498.6	C	1	Unit 2 offline for refueling and maintenance.
6	12/21/01	S	0.0	B	5	Unit 2 undergoing power ascension testing.
7	12/22/01	F	0.0	A	5	Unit downpowered for repairs to MV-09-1.
8	12/26/01	F	77.7	A	1	Unit 2 offline for repairs to MV-09-1.
9	12/29/01	F	0.0	A	5	Unit 2 increasing power to continue the power ascension program.
10	12/29/01	S	32.0	B	4	Unit 2 undergoing power ascension program.

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)