



Florida Power & Light Company, 6351 S. Ocean Drive, Jensen Beach, FL 34957

September 14, 2000

L-2000-185  
10 CFR 50.36

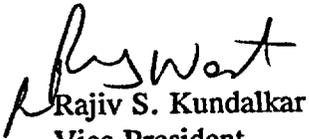
U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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 August 2000 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

JE24

**DOCKET NO**            50 - 335  
**UNIT NAME**            St. Lucie Unit 1  
**DATE**                    Sept. 5, 2000  
**COMPLETED BY**      J. A. Rogers  
**TELEPHONE**            (561) 467-7296

**REPORTING PERIOD:**      **AUGUST 2000**

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

	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical _____	744	5855	165673
4. Number of Hours Generator On Line _____	744	5855	163941.5
5. Unit Reserve Shutdown Hours _____	0.0	0.0	0.0
6. Net Electrical Energy (MWH) _____	628502	5010091	133463362

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-335  
**UNIT:** St. Lucie #1  
**DATE:** Sept. 5, 2000  
**COMPLETED BY:** J.A.Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH August 2000**

Unit 1 operated at essentially full power through August 14. On August 15, the unit downpowered to approximately 91% due to seagrass intrusion on 1B1 travelling screens. The unit further downpowered to approximately 89% to stabilize back pressure. On August 16, the unit returned to full power.

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: Sept. 5, 2000  
 COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (561) 467-7296

REPORT MONTH August 2000

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	8/15/00	F	0.0	H	5	Unit 1 downpowered due to seagrass intrusion on the 1B1 travelling screen.

<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**                    Sept. 5, 2000  
**COMPLETED BY**      J. A. Rogers  
**TELEPHONE**            (561) 467-7296

**REPORTING PERIOD:      AUGUST 2000**

1. Design Electrical Rating (Mwe-Net)_____	830		
2. Maximum Dependable Capacity (Mwe-Net)___	839		
	<b>MONTH</b>	<b>-YTD-</b>	<b>CUMULATIVE</b>
3. Number of Hours Reactor Critical_____	744	5145.6	129037.9
4. Number of Hours Generator On Line_____	744	5113.6	127348
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	618332	4313999	104532820

## **SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO.:** 50-389  
**UNIT:** St. Lucie #2  
**DATE:** Sept. 5, 2000  
**COMPLETED BY:** J.A.Rogers  
**TELEPHONE:** (561) 467-7296

### **REPORT MONTH August 2000**

Unit 2 operated at essentially full power through August 15. On August 16, the unit downpowered to approximately 87% due to seagrass intrusion on 2A1 travelling screen. The unit further downpowered to approximately 56% to maintain back pressure below 4.5". On August 17, the unit returned to full power.

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: Sept. 5, 2000  
 COMPLETED BY: J.A. ROGERS  
 TELEPHONE: (561) 467-7296

REPORT MONTH August 2000

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
7	8/16/00	F	0.0	H	5	Unit 2 downpowered due to seagrass intrusion on the 2A1 travelling screen.

<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)