



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

September 13, 2005

L-2005-199
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 2005 Operating Data Reports, Summary of Operating Experience Reports, and Unit Shutdowns for St. Lucie Units 1 and 2.

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

Very truly yours,

William Jefferson, Jr.
Vice President
St. Lucie Plant

WJ/KWF

Attachment

IE24

OPERATING DATA REPORT

DOCKET NO. 50-335
UNIT NAME St. Lucie 1
DATE September 08, 2005
COMPLETED BY K. R. Boller
TELEPHONE (772) 467-7465

REPORTING PERIOD: August 2005

1. Design Electrical Rating	<u>830.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>839.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>5,831.00</u>	<u>206,959.12</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>5,831.00</u>	<u>205,060.85</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>624,583.00</u>	<u>4,959,143.00</u>	<u>168,384,385.0</u>	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: St. Lucie Unit 1 operated in Mode 1 for the entire month. In accordance with Technical Specification 6.9.1.6 there were no challenges to the power operated relief valves or safety valves during the report period.

1

Reason:
 A Equipment Failure (Explain)
 B Maintenance or Test
 C Refueling
 D Regulatory Restriction
 E Operator Training & License Examination
 F Administration
 G Operational Error (Explain)
 H Other (Explain)

2

Method:
 1 Manual
 2 Manual Trip/Scram
 3 Automatic Trip/Scram
 4 Continuation
 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-389
UNIT NAME St. Lucie 2
DATE September 08, 2005
COMPLETED BY K. R. Boller
TELEPHONE (772) 467-7465

REPORTING PERIOD: August 2005

1. Design Electrical Rating	830.00		
2. Maximum Dependable Capacity (MWe-Net)	839.00		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	721.07	4,829.77	168,967.99
4. Number of Hours Generator On-line	715.80	4,768.87	166,951.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	586,772.00	3,926,678.00	137,755,088.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
002	08/11/2005	F	28.20	G	2	Personnel error during maintenance activities cause a loss of the 2A2 4160V bus, resulting in the partial loss of feedwater and manual reactor trip due to lowering steam generator level.

SUMMARY: St. Lucie Unit 2 operated in Mode 1 until August 11 when the unit was manually tripped when the loss of the 2A2 4160V bus caused a partial loss of feedwater event. The Unit was returned to operation on August 12, 2005, and remained in Mode 1 for the remainder of the month. In accordance with Technical Specification 6.9.1.6 there were no challenges to the power operated relief valves or safety valves during the report period.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)