



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,

A handwritten signature in black ink, appearing to read 'WJ', with a long horizontal flourish extending to the right.

William Jefferson, Jr.
Vice President
St. Lucie Plant

WJ/KWF

Attachment

JE24

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	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	744.00	5,831.00	206,959.12
4. Number of Hours Generator On-line	744.00	5,831.00	205,060.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	624,583.00	4,959,143.00	168,384,385.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

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	<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>721.07</u>	<u>4,829.77</u>	<u>168,967.99</u>
4. Number of Hours Generator On-line	<u>715.80</u>	<u>4,768.87</u>	<u>166,951.74</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>586,772.00</u>	<u>3,926,678.00</u>	<u>137,755,088.0</u>

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)