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

January 17, 2005

L-2005-010
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 2004 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	January 09, 2005
COMPLETED BY	K. R. Boller
TELEPHONE	(772) 467-7465

REPORTING PERIOD: December 2004

1. Design Electrical Rating	830.00	
2. Maximum Dependable Capacity (MWe-Net)	839.00	

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,584.12	201,128.12
4. Number of Hours Generator On-line	744.00	7,519.55	199,229.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	636,242.00	6,324,295.00	163,425,242.0

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 was on-line and operated in Mode 1 the entire month. In accordance with Technical Specification 6.9.1.6, there were no challenges to the PORVs 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	January 09, 2005
COMPLETED BY	K. R. Boller
TELEPHONE	(772) 467-7748

REPORTING PERIOD: December 2004

1. Design Electrical Rating	830.00	
2. Maximum Dependable Capacity (MWe-Net)	839.00	

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	604.77	8,101.65	164,138.22
4. Number of Hours Generator On-line	582.85	8,060.40	162,182.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	487,192.00	6,781,434.00	133,828,410.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
003	12/25/2004	F	161.15	A	2	St. Lucie Unit 2 performed a manual reactor trip on December 25, 2004, at 0651 hours following the loss of the 2B condensate pump. The unit remained off-line for the remainder of the month.

SUMMARY: St. Lucie Unit 2 was on-line and operating in Mode 1 until December 25, 2004 when the manual reactor trip was performed at 0651 hours following a short downpower in response to a degraded 2B condensate pump motor. A reactor startup commenced on December 26, 2004 with the unit critical at 1925 hours and Mode 1 entered at 2123 the same day. Unit 2 remained in Mode 1 until December 27, 2004, when a manual reactor trip was performed at 1720 hours due to low 2B steam generator level following a feedwater control system malfunction. The unit remained offline at the end of the reporting period. In accordance with Technical Specification 6.9.1.6, there were no challenges to the PORVs 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)