



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

January 14, 2002

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10 CFR 50.36

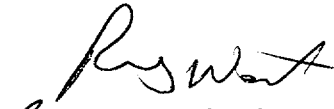
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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)