

CATEGORY 1

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FAC # 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
AUTH. NAME AUTHOR AFFILIATION
ROGERS, J.A. Florida Power & Light Co.
STALL, J.A. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jul 1996 for St Lucie Units 1 & 2.W/960812 ltr.

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Florida Power & Light Company, P.O. Box 128, Fort Pierce, FL 34954-0128

August 12, 1996

L-96-202
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, attached are the July 1996 Operating Data, Summary of Operating Experience, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions Reports for St. Lucie Units 1 and 2.

Should there be any questions on this information, please contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. A. Stall", written over a horizontal line.

J. A. Stall
Vice President
St. Lucie Plant

JAS/PTQ

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

Attachments

9608200050 960731
PDR ADOCK 05000335
R PDR

1/1
IE 24

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 08/08/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

-
1. UNIT NAME: ST. LUCIE UNIT 1
 2. REPORTING PERIOD: JULY 1996
 3. LICENSED THERMAL POWER (MWT): _____ 2700
 4. NAMEPLATE RATING (GROSS MWE): _____ 850
 5. DESIGN ELECTRICAL RATING (NET MWE): _____ 830
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____ 872
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____ 839
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____
 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
 10. REASONS FOR RESTRICTIONS, IF ANY: _____

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: _____	744	5111	171911.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	156.4	2978.9	133018.8
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	144.7	2941.7	131563.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	289881	7692650	341169439
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	93970	2516730	112505750
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	78166	2371428	106316701
19. UNIT SERVICE FACTOR _____	19.4	57.6	76.5
20. UNIT AVAILABILITY FACTOR _____	19.4	57.6	76.5
21. CAPACITY FACTOR (USING MDC NET) _____	12.5	55.3	73.7
22. CAPACITY FACTOR (USING DER NET) _____	12.7	55.9	74.5
23. UNIT FORCED OUTAGE RATE _____	0.0	2.1	5.0

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: _____
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: August 8, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH July, 1996

Unit 1 remained offline in Mode 5 until July 25 for Cycle 14 refueling and maintenance. Mode 4 was entered at 2351 hours on 7/14/96. Mode 3 was entered at 1345 hours on 7/17/96. Mode 2 was entered at 1505 hours on 7/23/96. Criticality was achieved at 1722 hours on 7/23/96. Mode 1 was entered at 1138 hours on 7/25/96. Unit 1 was placed in service at 2320 hours on 7/25/96 and achieved 100% power at 1145 hours on 7/29/96.

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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : August 8, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

MONTH July, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
07/01/96	0
07/02/96	0
07/03/96	0
07/04/96	0
07/05/96	0
07/06/96	0
07/07/96	0
07/08/96	0
07/09/96	0
07/10/96	0
07/11/96	0
07/12/96	0
07/13/96	0
07/14/96	0
07/15/96	0
07/16/96	0
07/17/96	0
07/18/96	0
07/19/96	0
07/20/96	0
07/21/96	0
07/22/96	0
07/23/96	0
07/24/96	0
07/25/96	0
07/26/96	118
07/27/96	382
07/28/96	632
07/29/96	835
07/30/96	844
07/31/96	849

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: August 8, 1996
 COMPLETED BY: J.A.ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH July, 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
9	6/22/96	S	599.3	C	4	N/A	RC	VESSEL	Unit 1 refueling outage extended for steam generator maintenance.

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)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit 1 - Same Source

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 08/08/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

-
1. UNIT NAME: ST. LUCIE UNIT 2
 2. REPORTING PERIOD: JULY 1996
 3. LICENSED THERMAL POWER (MWT): _____ 2700
 4. NAMEPLATE RATING (GROSS MWE): _____ 850
 5. DESIGN ELECTRICAL RATING (NET MWE): _____ 830
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____ 882
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____ 839
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____

 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
 10. REASONS FOR RESTRICTIONS, IF ANY: _____

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: _____	744	5111	113808.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744	4902.6	95773.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE _____	744	4772.5	94211.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2006794	12496938	244959660
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	662030	4134890	81195560
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	628432	3908749	76699417
19. UNIT SERVICE FACTOR _____	100	93.4	82.8
20. UNIT AVAILABILITY FACTOR _____	100	93.4	82.8
21. CAPACITY FACTOR (USING MDC NET) _____	100	91.2	80.3
22. CAPACITY FACTOR (USING DER NET) _____	100	92.1	81.2
23. UNIT FORCED OUTAGE RATE _____	0.0	4.8	6.6

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: _____

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: August 8, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH July, 1996

Unit 2 operated at essentially full power for the entire month.

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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: August 8, 1996
COMPLETED BY: J.A ROGERS
TELEPHONE: (407) 467-7296

MONTH July, 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
07/01/96	840
07/02/96	839
07/03/96	840
07/04/96	842
07/05/96	840
07/06/96	840
07/07/96	846
07/08/96	844
07/09/96	846
07/10/96	850
07/11/96	844
07/12/96	843
07/13/96	843
07/14/96	837
07/15/96	842
07/16/96	844
07/17/96	851
07/18/96	845
07/19/96	844
07/20/96	853
07/21/96	848
07/22/96	863
07/23/96	836
07/24/96	846
07/25/96	850
07/26/96	851
07/27/96	849
07/28/96	852
07/29/96	840
07/30/96	834
07/31/96	845

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE UNIT 2
 DATE: August. 6, 1996
 COMPLETED BY: J.A.ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH July, 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									Unit 2 operated at full power for the entire month.

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)

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 Method
 1 - Manual
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 5 - Load Reduction
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 Exhibit I - Same Source

