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FACIL: 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.

SAGER, D.A. Florida Power & Light Co.

RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Sept 1995 for St Lucie Units 1
2.W/951013 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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P.O. Box 128, Ft. Pierce, FL 34954-0128

October 13, 1995

L-95-280
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 September, 1995, Operating Data Report, Summary of Operating Experience Reports, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions for St. Lucie Units 1 and 2.

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

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS/SL

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

Attachments

200002

9510200074 950930
PDR ADOCK 05000335
R PDR

an FPL Group company

APR 1954

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 10/11/95
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
 2. REPORTING PERIOD: SEPTEMBER 1995
 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: _____	720	6551	164591.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	4807.1	128130.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	0.0	4789.9	126746.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	12854586	328588327
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	4242020	108392030
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-11049	4001052	102437955
19. UNIT SERVICE FACTOR _____	0.0	73.1	77.0
20. UNIT AVAILABILITY FACTOR _____	0.0	73.1	77.0
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	72.8	76.5
22. CAPACITY FACTOR (USING DER NET) _____	0.0	73.6	75.8
23. UNIT FORCED OUTAGE RATE _____	100.0	24.3	4.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 10/14/95

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: October 11, 1995
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH September, 1995

Unit 1 remained offline for the entire month of September mainly due to performing maintenance on the emergency diesel generators and the pressurizer safety valves.

In accordance with the requirements of Technical Specification 6.9:1.6, there were no challenges to the PORVs or safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : Oct. 5, 1995
COMPLETED BY: J.A.ROGERS
TELEPHONE: (407) 467-7296

MONTH September, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
9/01/95	-9
9/02/95	-9
9/03/95	-9
9/04/95	-9
9/05/95	-9
9/06/95	-9
9/07/95	-7
9/08/95	-15
9/09/95	-22
9/10/95	-28
9/11/95	-31
9/12/95	-30
9/13/95	-17
9/14/95	-9
9/15/95	-9
9/16/95	-9
9/17/95	-9
9/18/95	-10
9/19/95	-9
9/20/95	-9
9/21/95	-11
9/22/95	-12
9/23/95	-11
9/24/95	-13
9/25/95	-25
9/26/95	-30
9/27/95	-31
9/28/95	-31
9/29/95	-21
9/30/95	-10

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: October 11, 1995
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH September, 1995

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	9/1/95	F	1.6	G	4	#9507	SA	VALVES	Unit 1 remained offline due to inadvertent initiation of containment spray.
10	9/1/95	F	232.3	A	4	N/A	HA	GENERA	Unit 1 remained offline due to emergency diesel generator engine repairs.
11	9/10/95	F	25.9	A	4	N/A	CG	ACCUMU	Unit 1 remained offline due to 1B1 safety injection tank discharge valve repair.
12	9/11/95	F	152.1	A	4	N/A	CB	VALVES	Unit 1 remained offline due to repairs to pressurizer safety valves.
13	9/19/95	F	135.3	A	4	N/A	HA	GENERA	Unit 1 remained offline due to emergency diesel generator repairs.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: October 11, 1995
 COMPLETED BY: J.A.ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH September, 1995

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
14	9/24/95	F	72.8	A	4	N/A	CB	VALVES	Unit 1 remained offline due to repairs to pressurizer safety valve seat leakage.

¹
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²
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 A - Equipment failure (explain)
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OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 10/11/95
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: SEPTEMBER 1995
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: _____	720	6551	106488.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	6410.6	90678.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	720.0	6379.7	89246.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1849537	16808159	232005700
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	590960	5461740	76915450
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	557750	5162684	72668564
19. UNIT SERVICE FACTOR _____	100.0	97.4	83.8
20. UNIT AVAILABILITY FACTOR _____	100.0	97.4	83.8
21. CAPACITY FACTOR (USING MDC NET) _____	92.3	93.9	82.3
22. CAPACITY FACTOR (USING DER NET) _____	93.3	94.9	82.7
23. UNIT FORCED OUTAGE RATE _____	0.0	2.6	6.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : October 9, 1995 - Refueling Outage			

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: October 11, 1995
COMPLETED BY: J.A.ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH September, 1995

Unit 2 remained on line at essentially full power for the entire month of September. The unit reduced power for backpressure control on September 11, waterbox cleaning on September 14, turbine valve testing on September 16, and backpressure control September 25 through 30.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the PORVs or safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: Oct. 5, 1995
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

MONTH September, 1995

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
9/01/95	822
9/02/95	822
9/03/95	820
9/04/95	817
9/05/95	817
9/06/95	813
9/07/95	816
9/08/95	816
9/09/95	815
9/10/95	813
9/11/95	800
9/12/95	768
9/13/95	759
9/14/95	637
9/15/95	456
9/16/95	667
9/17/95	825
9/18/95	824
9/19/95	821
9/20/95	821
9/21/95	820
9/22/95	818
9/23/95	817
9/24/95	816
9/25/95	806
9/26/95	724
9/27/95	723
9/28/95	724
9/29/95	724
9/30/95	720

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE UNIT 2
 DATE: October 13, 1995
 COMPLETED BY: J.A.ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH September, 1995

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
11	9/14/95	S	0.0	B	5	N/A	HF	HTEXCH	Unit 2 reduced power for waterbox cleaning.
12	9/25/95	F	0.0	H	5	N/A	HF	ZZZZZZ	Unit 2 reduced power for backpressure control.

¹
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 S Scheduled

²
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 A - Equipment failure (explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
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