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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
 WHITE, C.D. Florida Power & Light Co.
 SAGER, R.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1994 for St Lucie Units 1 & 2.W/940913 ltr.

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FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

September 13, 1994

L-94-238
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

Attached are the August, 1994, Operating Status and Summary of Operating Experience Reports 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/CDW/kw

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

Attachments

DAS/PSL #1202-94

200114

9409200331 940831
PDR ADDCK 05000335
R PDR

an FPL Group company

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : 9/13/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248.

MONTH AUGUST, 1994

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/01/93	845
8/02/93	840
8/03/93	839
8/04/93	838
8/05/93	836
8/06/93	836
8/07/93	832
8/08/93	820
8/09/93	737
8/10/93	684
8/11/93	703
8/12/93	837
8/13/93	837
8/14/93	839
8/15/93	836
8/16/93	839
8/17/93	844
8/18/93	837
8/19/93	836
8/20/93	842
8/21/93	842
8/22/93	839
8/23/93	837
8/24/93	830
8/25/93	829
8/26/93	825
8/27/93	746
8/28/93	46
8/29/93	532
8/30/93	609
8/31/93	617

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 9/13/94
 COMPLETED BY C. D. WHITE
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: AUGUST 1994
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	5831	155111.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5673.5	121203.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	726.2	5530.5	119885.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1870161	14541935	310307236
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	606990	4758450	102371740
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	573863	4500134	96758496
19. UNIT SERVICE FACTOR _____	97.6	94.8	77.3
20. UNIT AVAILABILITY FACTOR _____	97.6	94.8	77.3
21. CAPACITY FACTOR (USING MDC NET) _____	91.9	92.0	76.6
22. CAPACITY FACTOR (USING DER NET) _____	92.9	93.0	76.0
23. UNIT FORCED OUTAGE RATE _____	2.4	5.2	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : UNIT 1 CYCLE 13 REFUELING OUTAGE SCHEDULED TO BEGIN OCTOBER 31, 1994. _____			
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____			

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: 9/13/94
 COMPLETED BY: C. D. WHITE
 TELEPHONE: (407) 468-4248

REPORT MONTH AUGUST, 1994

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
13	940808	S	0.0	B	5	N/A	HF	HTEXCH	Unit 1 reduced power for waterbox cleaning.
14	940810	F	0.0	B	5	N/A	XX	PIPEXX	Unit 1 was at reduced power to repair a leak in the DEH discharge piping.
15	940827	S	0.0	B	5	N/A	HF	HTEXCH	Unit 1 reduced power for waterbox cleaning.
16	940827	F	17.8	B	1	N/A	XX	PIPEXX	Unit 1 was taken off line to repair the DEH discharge piping leak.
17	940828	S	0.0	B	5	N/A	HF	HTEXCH	Unit 1 remained at reduced power for waterbox cleaning.

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: 9/13/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

REPORT MONTH AUGUST, 1994

Unit 1 operated at or above 80% power from August 1, 1994 through August 8, 1994, when the Unit reduced power due to high back pressure. On August 10, following condenser cleaning, the Unit began to increase power until a leak was detected in the Digital Electro-Hydraulic (DEH) discharge piping. The DEH leak was small and was temporarily repaired. The Unit then returned to full power on August 11, 1994. On August 27, Unit 1 reduced power again for condenser cleaning. At this time, the previous DEH leak was observed to have worsened, and the Unit was taken off line for repair. On August 28, the DEH leak was repaired and the Unit began to increase power. Unit 1 operated at reduced power through the end of the month for condenser cleaning.

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: 9/13/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

MONTH AUGUST, 1994

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

8/01/93	563
8/02/93	560
8/03/93	565
8/04/93	659
8/05/93	681
8/06/93	848
8/07/93	847
8/08/93	844
8/09/93	841
8/10/93	840
8/11/93	842
8/12/93	844
8/13/93	845
8/14/93	844
8/15/93	845
8/16/93	844
8/17/93	849
8/18/93	845
8/19/93	846
8/20/93	849
8/21/93	848
8/22/93	837
8/23/93	847
8/24/93	845
8/25/93	846
8/26/93	844
8/27/93	844
8/28/93	846
8/29/93	846
8/30/93	843
8/31/93	844

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 9/13/94
 COMPLETED BY C. D. WHITE
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: AUGUST 1994
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	5831	97008.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4175.1	81338.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	744.0	4042.7	79938.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1926445	10395633	207356558
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	633350	3371060	68880610
18. NET ELECTRICAL ENERGY GENERATED (MWH)	599668	3165751	65066922
19. UNIT SERVICE FACTOR	100.0	69.3	82.4
20. UNIT AVAILABILITY FACTOR	100.0	69.3	82.4
21. CAPACITY FACTOR (USING MDC NET)	96.1	64.7	80.9
22. CAPACITY FACTOR (USING DER NET)	97.1	65.4	81.3
23. UNIT FORCED OUTAGE RATE	0.0	4.0	7.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE UNIT 2
 DATE: 9/13/94
 COMPLETED BY: C. D. WHITE
 TELEPHONE: (407) 468-4248

REPORT MONTH AUGUST, 1994

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
12	940801	S	119.33	B	1	N/A	HF	HTEXCH	Unit 2 reduced power for waterbox cleaning.

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: 9/13/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

REPORT MONTH AUGUST, 1994

Unit 2 reduced power from August 1 through August 5 for condenser cleaning. The Unit then operated at full power through the end of the month.

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.