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ACCESSION NBR: 9105210016 DOC. DATE: 91/04/30 NOTARIZED: NO DOCKET #
 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
 BREEN, J.J. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1991 for St Lucie Units 1 & 2. W/910513 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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MAY 13 1991
L-91-140
10 CFR 50.36

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

Gentlemen:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Attached are the April 1991 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS:JJB:kw

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

Attachments

DAS/PSL #429

9105210016 910430
PDR ADOCK 05000335
R PDR

1944

1945

1946

1947

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE MAY 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

MONTH APRIL, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

4/ 1/91	853
4/ 2/91	856
4/ 3/91	858
4/ 4/91	858
4/ 5/91	855
4/ 6/91	854
4/ 7/91	849
4/ 8/91	852
4/ 9/91	853
4/10/91	850
4/11/91	847
4/12/91	839
4/13/91	838
4/14/91	824
4/15/91	669
4/16/91	851
4/17/91	854
4/18/91	857
4/19/91	855
4/20/91	851
4/21/91	849
4/22/91	848
4/23/91	849
4/24/91	847
4/25/91	839
4/26/91	838
4/27/91	816
4/28/91	585
4/29/91	701
4/30/91	854

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE MAY 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: APRIL 1991
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: _____	719	2879	125855.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	719.0	2860.5	95819.0
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	719.0	2856.8	94961.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1898978	7624946	244867000
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	628160	2554120	80762760
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	595533	2424263	76317005
19. UNIT SERVICE FACTOR _____	100.0	99.2	75.5
20. UNIT AVAILABILITY FACTOR _____	100.0	99.2	75.5
21. CAPACITY FACTOR (USING MDC NET) _____	98.7	100.4	75.1
22. CAPACITY FACTOR (USING DER NET) _____	99.8	101.5	74.1
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	4.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 10/18/91; REFUELING 63 DAYS _____			

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 MAY 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE (407) 465-3550

REPORT MONTH APRIL, 1991

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ³	Cause & Corrective Action to Prevent Recurrence
3	910414	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 downpowered for cleaning of the 1A1 waterbox.
4	910427	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 downpowered for cleaning of the 1A2 & 1B2 waterboxes.

¹
 F Forced
 S Shutdown

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 MAY 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

REPORT MONTH APRIL, 1991

On April 14, 1991 to April 15, 1991, Unit 1 downpowered for cleaning of the 1A1 waterbox; Unit 1 then downpowered again on April 28, 1991, for cleaning of the 1A2 and 1B2 waterboxes.

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 MAY 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

MONTH APRIL, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

4/ 1/91	866
4/ 2/91	867
4/ 3/91	867
4/ 4/91	868
4/ 5/91	867
4/ 6/91	867
4/ 7/91	865
4/ 8/91	867
4/ 9/91	867
4/10/91	867
4/11/91	862
4/12/91	859
4/13/91	863
4/14/91	862
4/15/91	864
4/16/91	864
4/17/91	866
4/18/91	867
4/19/91	867
4/20/91	865
4/21/91	864
4/22/91	853
4/23/91	862
4/24/91	864
4/25/91	861
4/26/91	862
4/27/91	859
4/28/91	860
4/29/91	860
4/30/91	829

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE MAY 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: APRIL 1991
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: _____	719	2879	67752.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	719.0	2879.0	57739.3
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	719.0	2879.0	56723.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1935898	7763390	148552471
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	653130	2627600	49524520
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	620270	2496348	46830451
19. UNIT SERVICE FACTOR _____	100.0	100.0	83.7
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	83.7
21. CAPACITY FACTOR (USING MDC NET) _____	102.8	103.3	84.0
22. CAPACITY FACTOR (USING DER NET) _____	103.9	104.5	84.0
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	5.6
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	MAY 13 1991
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 465-3550

REPORT MONTH APRIL, 1991

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 remained at full power for the month of April.

¹
F Forced
S Shutdown

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 I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE MAY 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

REPORT MONTH APRIL, 1991

For the month of April Unit 2 remained at full power.

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.