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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

BREEN, J.J. Florida Power & Light Co.

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

RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1993 for St Lucie, units 1 & 2. W/930314 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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March 14, 1993

L-93-65
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 February, 1993, 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,

DA Sager

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 #878-93

9303190037 930228
PDR ADDCK 05000335
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE FEB 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH FEBRUARY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
2/01/93	856
2/02/93	857
2/03/93	859
2/04/93	859
2/05/93	859
2/06/93	827
2/07/93	668
2/08/93	820
2/09/93	862
2/10/93	861
2/11/93	862
2/12/93	864
2/13/93	864
2/14/93	863
2/15/93	861
2/16/93	860
2/17/93	859
2/18/93	858
2/19/93	860
2/20/93	819
2/21/93	784
2/22/93	859
2/23/93	860
2/24/93	862
2/25/93	863
2/26/93	864
2/27/93	861
2/28/93	863

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OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE ~~MAR 14 1993~~
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: FEBRUARY 1993
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: _____	672	1416	141936.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	672.0	1416.0	110086.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	672.0	1416.0	109091.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1788354	3752503	282088213
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	599270	1245090	93104990
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	569141	1181495	88007365
19. UNIT SERVICE FACTOR _____	100.0	100.0	76.9
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	76.9
21. CAPACITY FACTOR (USING MDC NET) _____	100.9	99.5	76.4
22. CAPACITY FACTOR (USING DER NET) _____	102.0	100.5	75.6
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : SCHEDULED 3/25/93; FOR REFUELING _____			

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	MAR 14 1993
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH FEBRUARY, 1993

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
2	930206	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 was downpowered for waterbox cleaning.
3	930220	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 was downpowered 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



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE MAR 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH FEBRUARY, 1993

Unit 1 was downpowered for waterbox cleaning from February 6, 1993, until February 8, 1993, and from February 20, 1993, until February 21, 1993. On February 21, 1993, Unit 1 was returned to 100% power; the average daily power of Unit 1 was 100% for the rest 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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE MAR 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH FEBRUARY, 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
2/01/93	-10
2/02/93	-7
2/03/93	-5
2/04/93	-4
2/05/93	-4
2/06/93	-4
2/07/93	-4
2/08/93	-4
2/09/93	-4
2/10/93	-4
2/11/93	-4
2/12/93	-4
2/13/93	-4
2/14/93	-6
2/15/93	-10
2/16/93	-12
2/17/93	-12
2/18/93	-9
2/19/93	-4
2/20/93	-4
2/21/93	-4
2/22/93	-5
2/23/93	-5
2/24/93	-4
2/25/93	-4
2/26/93	-4
2/27/93	-4
2/28/93	-4

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OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE MAR 14 1993
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: FEBRUARY 1993
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: _____	672	1416	83833.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	290.5	70694.8
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	0.0	289.9	69495.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	779528	182144530
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	259030	60738680
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-3698	236682	57428424
19. UNIT SERVICE FACTOR _____	0.0	20.5	82.9
20. UNIT AVAILABILITY FACTOR _____	0.0	20.5	82.9
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	19.9	82.8
22. CAPACITY FACTOR (USING DER NET) _____	0.0	20.1	83.1
23. UNIT FORCED OUTAGE RATE _____	100	79.5	6.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 3/24/93

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-389
UNIT NAME	ST LUCIE UNIT 2
DATE	MAR 14 1993
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH FEBRUARY, 1993

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
1	930113	F	672	A	2	N/A	CB	PUMPXX	Unit 2 was taken offline to repair the 2A1 Reactor Coolant Pump due to high vibration.

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)

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

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Exhibit 1 - Same Source



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE FEB 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH FEBRUARY, 1993

Unit 2 was offline for the month of February to repair the 2A1 Reactor Coolant Pump, due to high vibration.

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.



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