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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

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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1993 for St Lucie, units 1 & 2. W/930210 ltr.

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February 10, 1993

L-93-29
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 January, 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,

D.A. SABER
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 #854-93

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9302180204 930131
PDR ADOCK 05000335
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SECRET

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH JANUARY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1/ 1/93	850
1/ 2/93	844
1/ 3/93	836
1/ 4/93	842
1/ 5/93	837
1/ 6/93	836
1/ 7/93	833
1/ 8/93	835
1/ 9/93	834
1/10/93	831
1/11/93	673
1/12/93	545
1/13/93	645
1/14/93	829
1/15/93	846
1/16/93	849
1/17/93	850
1/18/93	854
1/19/93	851
1/20/93	853
1/21/93	854
1/22/93	851
1/23/93	845
1/24/93	841
1/25/93	839
1/26/93	841
1/27/93	849
1/28/93	855
1/29/93	855
1/30/93	856
1/31/93	855

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JANUARY 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: _____	744	744	141264.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	744.0	109414.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	744.0	108419.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1964148	1964148	280299858
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	645820	645820	92505720
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	612354	612354	87438224
19. UNIT SERVICE FACTOR _____	100.0	100.0	76.7
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	76.8
21. CAPACITY FACTOR (USING MDC NET) _____	98.1	98.1	76.3
22. CAPACITY FACTOR (USING DER NET) _____	99.2	99.2	75.5
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 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 _____
 COMPLETED BY J. J. BREEN
 TELEPHONE (407) 468-4248

REPORT MONTH JANUARY, 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	930111	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

SUMMARY OF OPERATING EXPERIENCE

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

REPORT MONTH JANUARY, 1993

From January 11, 1993, until January 14, 1993, Unit 1 was downpowered for waterbox cleaning. On January 14, 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 _____
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH JANUARY, 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1/ 1/93	855
1/ 2/93	853
1/ 3/93	850
1/ 4/93	853
1/ 5/93	852
1/ 6/93	851
1/ 7/93	851
1/ 8/93	852
1/ 9/93	852
1/10/93	851
1/11/93	851
1/12/93	850
1/13/93	-3
1/14/93	-18
1/15/93	-8
1/16/93	-8
1/17/93	-8
1/18/93	-8
1/19/93	-8
1/20/93	-7
1/21/93	-6
1/22/93	-6
1/23/93	-6
1/24/93	-8
1/25/93	-8
1/26/93	-8
1/27/93	-8
1/28/93	-9
1/29/93	-11
1/30/93	-23
1/31/93	-23

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JANUARY 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:	744	744	83161.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	290.5	290.5	70694.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	289.9	289.9	69495.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	779528	779528	182144530
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	259030	259030	60738680
18. NET ELECTRICAL ENERGY GENERATED (MWH)	240380	240380	57432122
19. UNIT SERVICE FACTOR	39.0	39.0	83.6
20. UNIT AVAILABILITY FACTOR	39.0	39.0	83.6
21. CAPACITY FACTOR (USING MDC NET)	38.5	38.5	83.5
22. CAPACITY FACTOR (USING DER NET)	38.9	38.9	83.8
23. UNIT FORCED OUTAGE RATE	61.0	61.0	6.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 3/15/93_

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH JANUARY, 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	930112	F	0.0	A	5	N/A	CB	PUMPXX	Unit 2 was downpowered due to high vibration of the 2A1 Reactor Coolant Pump.
1	930113	F	454.1	A	4	N/A	CB	PUMPXX	Unit 2 was taken offline due to high vibration of the 2A1 Reactor Coolant Pump.

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 I - Same Source

SUMMARY OF OPERATING EXPERIENCE

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

REPORT MONTH JANUARY, 1993

Unit 2 was at 100% power from January 1, 1993, until January 12, 1993. On January 12, 1993, Unit 2 was downpowered and then taken offline due to high vibration of the 2A1 Reactor Coolant Pump. The Unit remained offline 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.



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