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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

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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1992 for St Lucie Units 1 & 2. W/ 930113 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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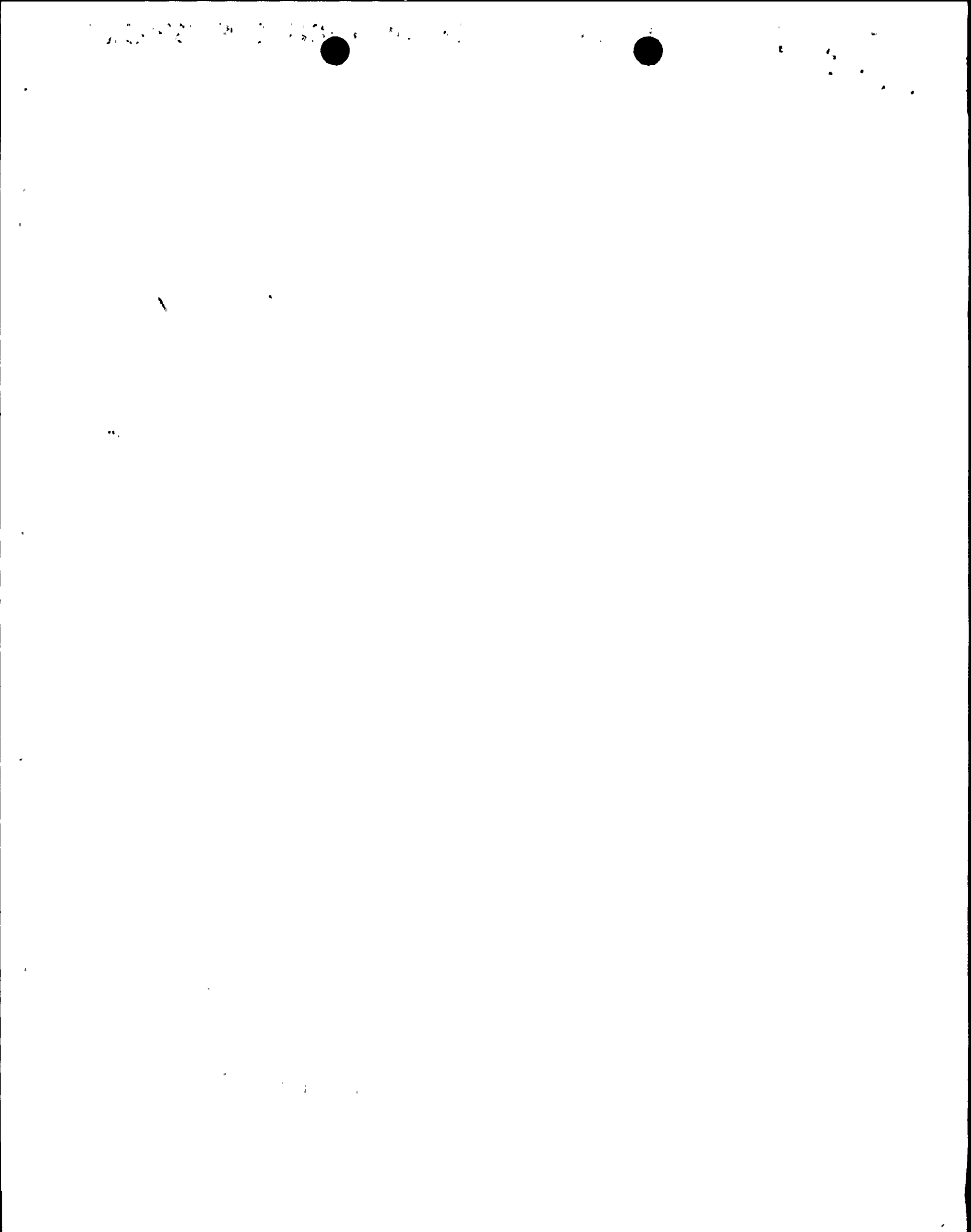
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January 13, 1993

L-93-4
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 December, 1992, 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 #838-93

9301210006 921231
PDR ADOCK 05000335
R PDR

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200033

JEH

WICHA

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH DECEMBER, 1992

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
12/ 1/92	784
12/ 2/92	854
12/ 3/92	854
12/ 4/92	855
12/ 5/92	853
12/ 6/92	849
12/ 7/92	852
12/ 8/92	848
12/ 9/92	847
12/10/92	849
12/11/92	850
12/12/92	852
12/13/92	852
12/14/92	851
12/15/92	851
12/16/92	848
12/17/92	848
12/18/92	845
12/19/92	838
12/20/92	808
12/21/92	612
12/22/92	768
12/23/92	859
12/24/92	855
12/25/92	854
12/26/92	852
12/27/92	849
12/28/92	849
12/29/92	850
12/30/92	853...
12/31/92	852

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: DECEMBER 1992
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	8784	140520.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	8561.0	108670.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	8479.6	107675.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1980488	22608458	27833571.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	656180	7527080	91859900
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	622526	7142174	86825870
19. UNIT SERVICE FACTOR _____	100.0	96.5	76.6
20. UNIT AVAILABILITY FACTOR _____	100.0	96.5	76.7
21. CAPACITY FACTOR (USING MDC NET) _____	99.7	96.9	76.2
22. CAPACITY FACTOR (USING DER NET) _____	100.8	98.0	75.4
23. UNIT FORCED OUTAGE RATE _____	0.0	3.5	4.1
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 _____
 COMPLETED BY J. J. BREEN
 TELEPHONE (407) 468-4248

REPORT MONTH DECEMBER, 1992

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
10	921220	S	0.0	B	S	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 DECEMBER, 1992

On December 1, 1992, Unit 1 was downpowered for cleaning of the 1A1 Waterbox. On December 2, 1992, the Unit 1 was at 100% power and the average daily power of Unit 1 was 100% until December 20, 1992. From December 20, 1992, until December 22, 1992, the Unit was downpowered for waterbox cleaning. The Unit was returned to 100% power and remained there 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 DECEMBER, 1992

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
12/ 1/92	-31
12/ 2/92	-29
12/ 3/92	-15
12/ 4/92	-11
12/ 5/92	-11
12/ 6/92	-17
12/ 7/92	-34
12/ 8/92	-32
12/ 9/92	-31
12/10/92	-20
12/11/92	-21
12/12/92	206
12/13/92	854
12/14/92	857
12/15/92	858
12/16/92	856
12/17/92	858
12/18/92	858
12/19/92	857
12/20/92	857
12/21/92	856
12/22/92	847
12/23/92	853
12/24/92	852
12/25/92	851
12/26/92	852
12/27/92	851
12/28/92	853
12/29/92	852
12/30/92	855
12/31/92	855



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: DECEMBER 1992
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	8784	82417.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	528.1	6784.0	70404.3
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	468.0	6601.2	69205.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1249547	17252396	181365002
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	416230	5753830	60479650
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	388215	5428895	57191742
19. UNIT SERVICE FACTOR _____	62.9	75.2	84.0
20. UNIT AVAILABILITY FACTOR _____	62.9	75.2	84.0
21. CAPACITY FACTOR (USING MDC NET) _____	62.2	73.7	83.9
22. CAPACITY FACTOR (USING DER NET) _____	62.9	74.5	84.2
23. UNIT FORCED OUTAGE RATE _____	37.1	8.1	5.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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



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• • • • •
• • • • •

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 DECEMBER, 1992

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
25	921201	F	37.4	B	4	N/A	CI	VALVEX	Unit 2 was downpowered and then taken offline to repair pressurizer safety valve V1201.
25	921202	F	138.73	B	4	N/A	CI	VALVEX	Unit 2 remained offline to repair four Reactor Coolant Gas Vent System valves.
25	921208	F	28.68	B	4	N/A	HA	TURBIN	Unit 2 remained offline to repair turbine turning gear .
26	921209	F	0.0	F	5	N/A	HA	TURBIN	Unit 2 downpowered for low pressure turbine inspection.
26	921209	F	71.18	F	4	N/A	HA	TURBIN	Unit 2 offline for low pressure turbine inspection.

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 _____
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH DECEMBER, 1992

At the beginning of the month, Unit 2 was offline to repair pressurizer relief valve V1201. From December 2, 1992, until December 8, 1992, the Unit was offline to repair four Reactor Coolant Gas Vent System valves. On December 8, 1992, the Unit remained offline to repair the turbine turning gear. On December 9, 1992, the Unit was put online, but shortly afterwards was downpowered due to high back pressure-vacuum problems with the turbine. As recommended by Westinghouse, the Unit was downpowered and then taken offline for a turbine inspection. On December 13, 1992, the Unit was at 100% power. The average daily power of Unit 2 was at 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.

