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ACCESSION NBR: 9201220209 DOC. DATE: ~~91-12-31~~ — 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
 SAGER, D.A. Florida Power & Light Co.
 BREEN, J.J. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1991 for St. Lucie Units 1 & 2. W/920110 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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January 10, 1992

L-92-05
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 December 1991 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Should you have any questions on this information, please contact us.

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 #597-92

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11/11/11

11/11/11

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, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/ 1/91	-4
12/ 2/91	-4
12/ 3/91	-4
12/ 4/91	-4
12/ 5/91	-4
12/ 6/91	-4
12/ 7/91	-4
12/ 8/91	-4
12/ 9/91	-4
12/10/91	-4
12/11/91	-4
12/12/91	-4
12/13/91	-4
12/14/91	-4
12/15/91	-5
12/16/91	-7
12/17/91	-13
12/18/91	-21
12/19/91	-27
12/20/91	-29
12/21/91	-30
12/22/91	91
12/23/91	251
12/24/91	401
12/25/91	570
12/26/91	690
12/27/91	768
12/28/91	838
12/29/91	861
12/30/91	861
12/31/91	862

OPERATING DATA REPORT

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

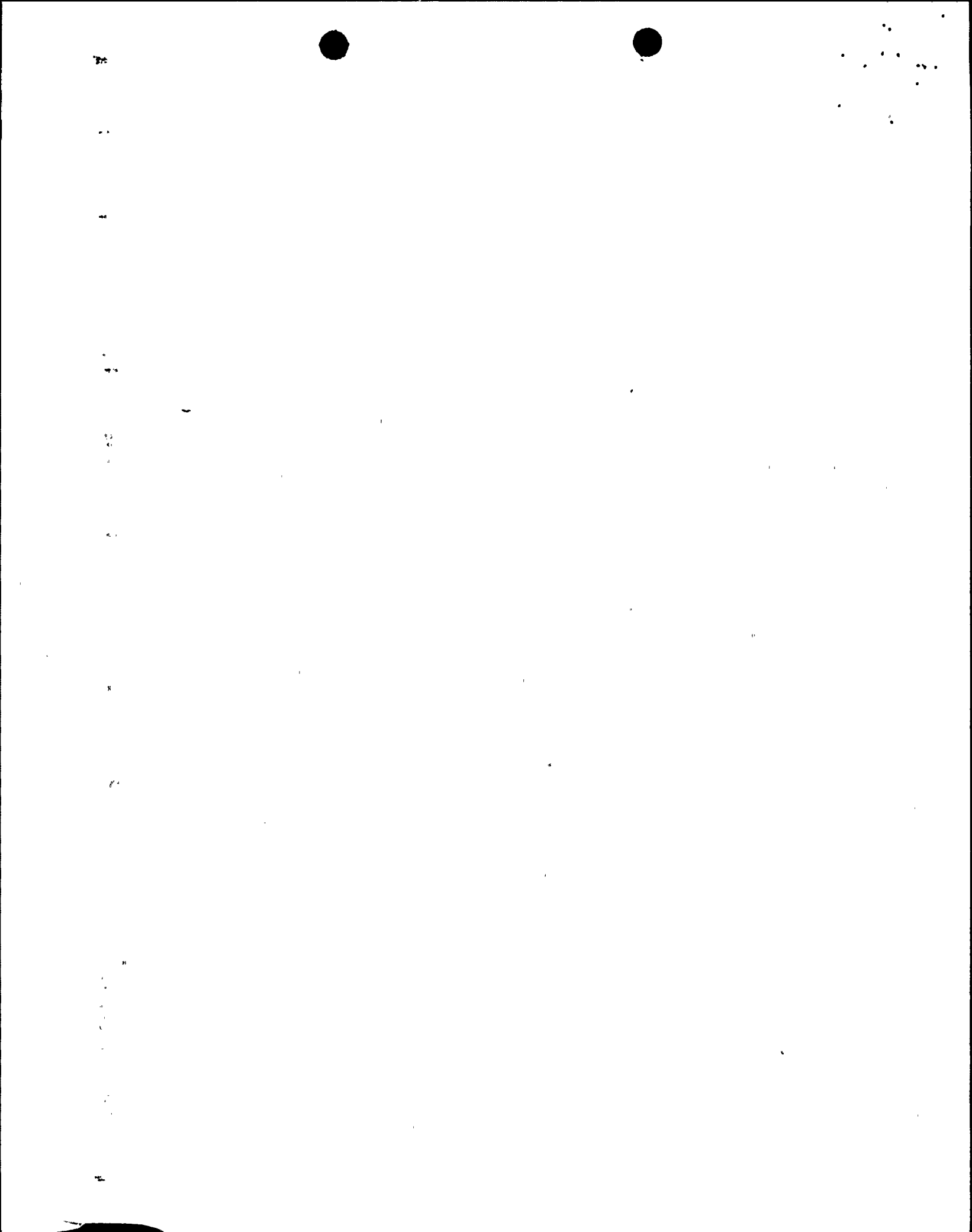
OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: DECEMBER 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: _____	744	8760	131736.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	268.9	7151.1	100109.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	234.1	7091.6	99195.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	480740	18485198	255727252
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	158750	6124180	84332820
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	144184	5790954	79683696
19. UNIT SERVICE FACTOR _____	31.5	81.0	75.3
20. UNIT AVAILABILITY FACTOR _____	31.5	81.0	75.3
21. CAPACITY FACTOR (USING MDC NET) _____	23.1	78.8	74.8
22. CAPACITY FACTOR (USING DER NET) _____	23.3	79.6	73.9
23. UNIT FORCED OUTAGE RATE _____	0.0	1.2	4.1
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. 50-335
 UNIT NAME ST LUCIE UNIT 1
 DATE _____
 COMPLETED BY J. J. BREEN
 TELEPHONE (407) 468-4248

REPORT MONTH DECEMBER, 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
24	911018	S	507.75	C	1	N/A	RC	FUELXX	Unit 1 downpowered on October 18, 1991 for refueling. The outage was completed on December 22, 1991 and Unit 1 began to escalate in power.
25	911222	S	0.0	B	1	N/A	RB	ZZZZZZ	Unit 1 was held at 25% for Physics testing.
26	911223	F	0.0	B	1	N/A	EG	TRANSF	Unit 1 was held at 40% power to work on the 1A Auxiliary Transformer.
27	911223	S	0.0	B	1	N/A	RB	ZZZZZZ	Unit 1 was held at 50% for Physics testing.
27	911224	F	0.0	B	4	N/A	HH	PUMPXX	Unit 1 was held at 50% power to clean oil in the feed pump lube oil system.

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)

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 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)

⁵
 Exhibit I - Same Source

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, 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
28	911226	S	0.0	B	1	N/A	RB	ZZZZZZ	Unit 1 was held at 80% for Physics testing.

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. 50-335
UNIT St. Lucie #1
DATE _____
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH DECEMBER, 1991

On October 18, 1991, Unit 1 was manually downpowered for refueling. On December 22, 1991, the Unit 1 outage was completed and the Unit began to increase in power. From December 22, 1991, until December 23, 1991, the Unit was held at 25% power for physics testing. On December 23, 1991, the Unit was held at 40% power to investigate a problem with the 1A Auxiliary Transformer. From December 23, 1991, until December 24, 1991, the Unit was held at 50% power for physics testing; the Unit was then held at 50% power to clean oil in the feed pump lube oil system. Once the oil was cleaned the Unit began to increase in power. On December 26, 1991, the Unit was held at 80% for physics testing. On December 28, 1991, the Unit was at 100% 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.

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, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

12/ 1/91	863
12/ 2/91	861
12/ 3/91	860
12/ 4/91	860
12/ 5/91	862
12/ 6/91	862
12/ 7/91	861
12/ 8/91	860
12/ 9/91	859
12/10/91	858
12/11/91	856
12/12/91	855
12/13/91	854
12/14/91	851
12/15/91	822
12/16/91	650
12/17/91	786
12/18/91	866
12/19/91	867
12/20/91	867
12/21/91	867
12/22/91	859
12/23/91	832
12/24/91	867
12/25/91	865
12/26/91	865
12/27/91	864
12/28/91	865
12/29/91	863
12/30/91	864
12/31/91	864

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 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

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: -----	744	8760	73633.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	744.0	8760.0	63620.3
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE -----	744.0	8760.0	62604.3
15. UNIT RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1984188	23323525	164112606
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	666700	7828900	54725820
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	632493	7428744	51762847
19. UNIT SERVICE FACTOR -----	100.0	100.0	85.0
20. UNIT AVAILABILITY FACTOR -----	100.0	100.0	85.0
21. CAPACITY FACTOR (USING MDC NET) -----	101.3	101.1	85.2
22. CAPACITY FACTOR (USING DER NET) -----	102.4	102.2	85.4
23. UNIT FORCED OUTAGE RATE: -----	0.0	0.0	5.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : SHUTDOWN SCHEDULED FOR 4/15/92 -----			

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, 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
5	911215	S	0.0	B	5	N/A	HF	XXXXXX	Unit 2 downpowered for waterbox cleaning.

¹
F Forced
S Scheduled

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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)

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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)

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, 1991

From December 15, 1991, to December 17, 1991, Unit 1 was downpowered for waterbox cleaning; the Unit was at 100% power 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.