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 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.      05000389  
 AUTH. NAME      AUTHOR AFFILIATION  
 BONETT, D.M.      Florida Power & Light Co.  
 SAGER, D.A.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Nov 198 for St Lucie, Units 1 & 2. W/891211 ltr.

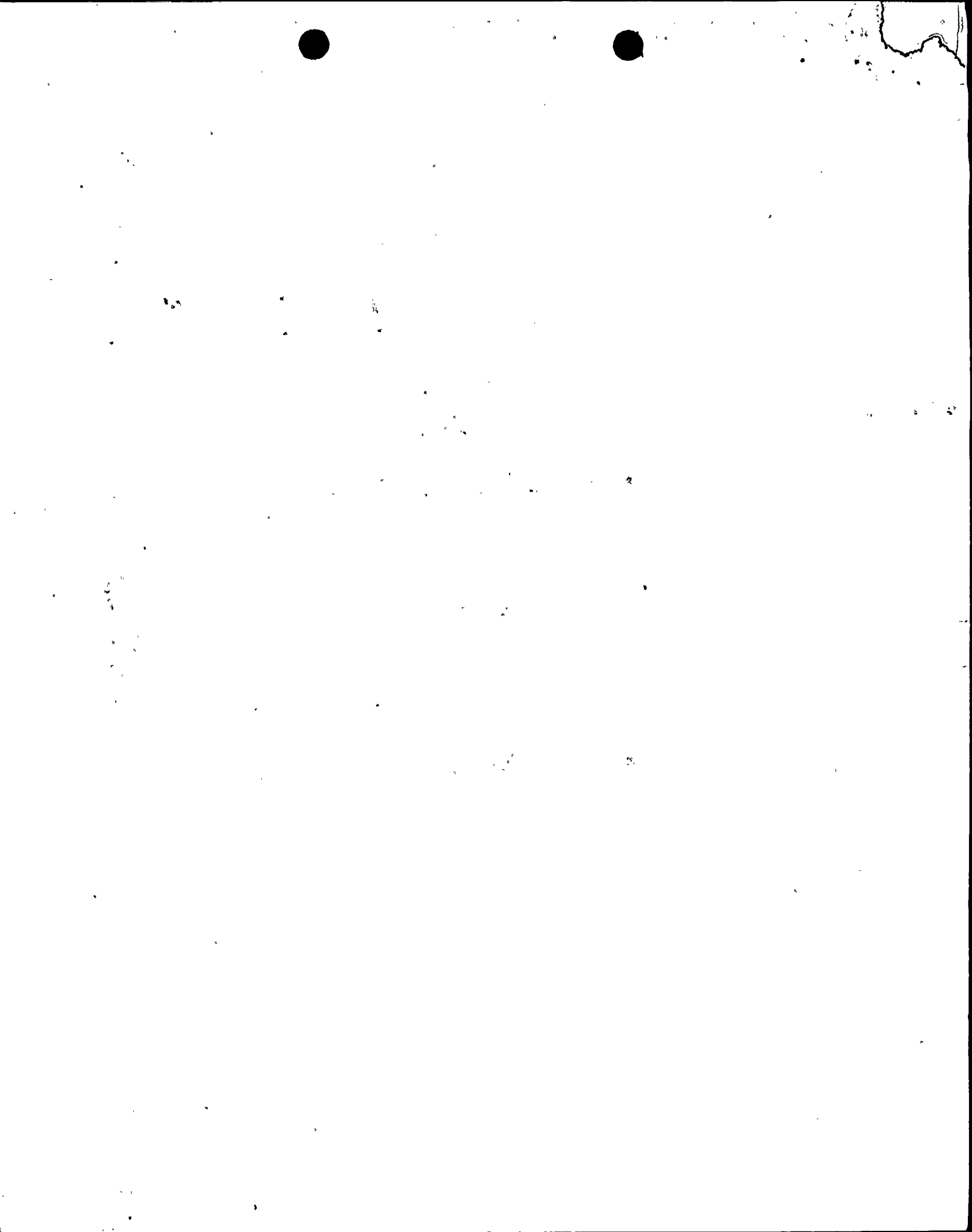
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DECEMBER 11 1989

L-89-445  
10 CFR 50.36

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

Gentlemen:

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

Attached are the November 1989 Operating Status Reports 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/DMB

Attachments

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

IE24  
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE \_\_\_\_\_

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH November, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

11/ 1/89	841
11/ 2/89	860
11/ 3/89	858
11/ 4/89	859
11/ 5/89	859
11/ 6/89	857
11/ 7/89	856
11/ 8/89	828
11/ 9/89	765
11/10/89	852
11/11/89	851
11/12/89	851
11/13/89	851
11/14/89	852
11/15/89	839
11/16/89	818
11/17/89	744
11/18/89	853
11/19/89	853
11/20/89	851
11/21/89	850
11/22/89	848
11/23/89	826
11/24/89	606
11/25/89	839
11/26/89	852
11/27/89	846
11/28/89	841
11/29/89	836
11/30/89	842

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 12 / 89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: NOVEMBER 1989
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: -----	720	8016	113472.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	720.0	7546.0	86644.6
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE -----	720.0	7536.2	85915.5
15. UNIT RESERVE SHUTDOWN HOURS -----	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1907837	20041741	221062928
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	632070	6688065	72806660
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	599580	6344022	68795552
19. UNIT SERVICE FACTOR -----	100.0	94.0	75.7
20. UNIT AVAILABILITY FACTOR -----	100.0	94.0	75.7
21. CAPACITY FACTOR (USING MDC NET) -----	99.3	94.3	75.2
22. CAPACITY FACTOR (USING DER NET) -----	100.3	95.4	74.1
23. UNIT FORCED OUTAGE RATE -----	0.0	0.2	3.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 2/18/90; 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 #1

DATE \_\_\_\_\_

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH November, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
06	891123	S	0.0	B	5		HC	HTEXCH	Unit 1 reduced power for the 1A2 Condenser Waterbox Cleaning. Full power operation was resumed.

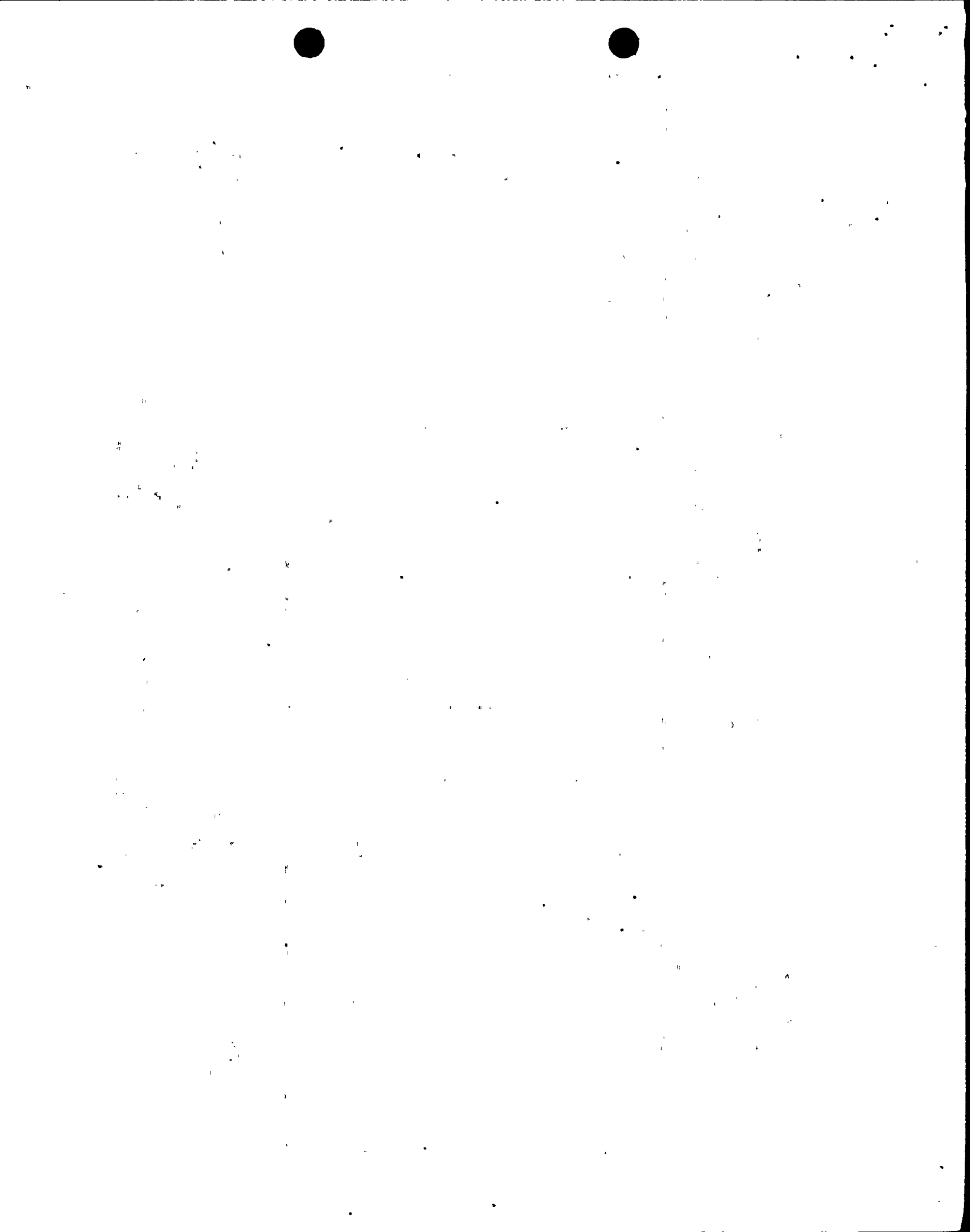
**1**  
**F Forced**  
**S Scheduled**

**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 Scheets 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 D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH November, 1989

Unit 1 reduced power for the 1A2 Condenser Waterbox Cleaning. Full power operation was resumed.

In accordance with 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 D. M. Bonett

TELEPHONE (407) 694-4432

MONTH November, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

11/ 1/89	855
11/ 2/89	855
11/ 3/89	854
11/ 4/89	855
11/ 5/89	854
11/ 6/89	853
11/ 7/89	854
11/ 8/89	853
11/ 9/89	851
11/10/89	847
11/11/89	846
11/12/89	845
11/13/89	846
11/14/89	847
11/15/89	846
11/16/89	846
11/17/89	846
11/18/89	846
11/19/89	844
11/20/89	844
11/21/89	801
11/22/89	631
11/23/89	743
11/24/89	839
11/25/89	846
11/26/89	846
11/27/89	653
11/28/89	743
11/29/89	848
11/30/89	852

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 12/ /89  
 COMPLETED BY D. M. BONETT  
 TELEPHONE 407/694/4432

OPERATING STATUS

- 1. UNIT NAME: ST. LUCIE UNIT 2
- 2. REPORTING PERIOD: NOVEMBER 1989
- 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: _____	720	8016	55369.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	5882.9	47424.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	720.0	5789.1	46610.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1898843	15329160	121812830
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	627900	5091450	40588290
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	594970	4808602	38383495
19. UNIT SERVICE FACTOR _____	100.0	72.2	84.2
20. UNIT AVAILABILITY FACTOR _____	100.0	72.2	84.2
21. CAPACITY FACTOR (USING MDC NET) _____	98.5	71.5	84.3
22. CAPACITY FACTOR (USING DER NET) _____	99.6	72.3	84.3
23. UNIT FORCED OUTAGE RATE _____	0.0	2.3	5.4
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 #2

DATE \_\_\_\_\_

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH November, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
11	891121	S	0.0	B	5		HC	HTEXCH	Unit 2 reduced power for the 2A1 Condenser Waterbox Cleaning. Full power operation was resumed.
12	891127	S	0.0	B	5		HC	HTEXCH	The unit reduced power for the 2B1 Condenser Waterbox Cleaning. Full power operation was resumed.

**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 Scheets Licensee Event Report (LER) File (NUREG-0161)

**5**  
Exhibit 1 - Same Source



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE \_\_\_\_\_

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH November, 1989

Unit 2 reduced power for the 2A1 and 2B1 Condenser Waterbox Cleanings. Full power operation was resumed.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to the PORVs or safety valves during the report period.

