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ACCESSION NBR: 9003160318 DOC. DATE: 90/02/28 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
 BONETT, D.M. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1990 for St Lucie Units 1 & 2.W/900307 ltr.

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MARCH 07 1990

L-90-93
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 February 1990 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

DASager
D. A. Sager
Vice President
St. Lucie Plant

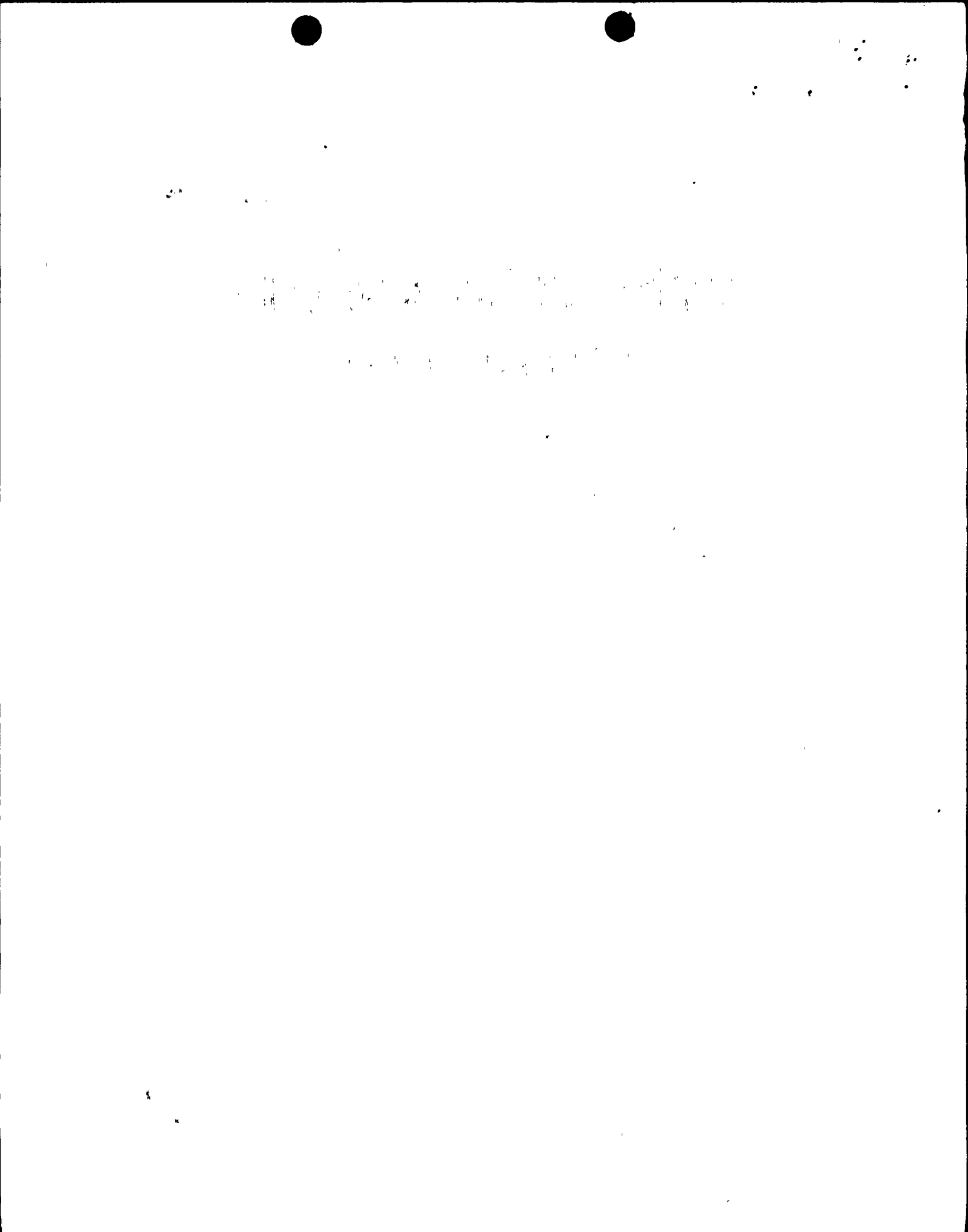
DAS/DMB

Attachments

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

9003140318 900228
PDR ADOCK 05000335
R PDC

TEPA
11



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE March 7, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH February, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

2/ 1/90	-3
2/ 2/90	-2
2/ 3/90	-2
2/ 4/90	-2
2/ 5/90	-2
2/ 6/90	-2
2/ 7/90	-2
2/ 8/90	-2
2/ 9/90	-2
2/10/90	-2
2/11/90	-2
2/12/90	0
2/13/90	0
2/14/90	0
2/15/90	0
2/16/90	-1
2/17/90	-1
2/18/90	-1
2/19/90	-1
2/20/90	-1
2/21/90	-1
2/22/90	-2
2/23/90	-2
2/24/90	-2
2/25/90	-2
2/26/90	-2
2/27/90	-2
2/28/90	-2

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 3/07/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: FEBRUARY 1990
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	115632.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	507.0	87895.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	0.0	506.9	87143.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	1348855	224306495
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	454310	73897380
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-1720	427373	69826238
19. UNIT SERVICE FACTOR _____	0.0	35.8	75.4
20. UNIT AVAILABILITY FACTOR _____	0.0	35.8	75.4
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	36.0	75.1
22. CAPACITY FACTOR (USING DER NET) _____	0.0	36.4	73.9
23. UNIT FORCED OUTAGE RATE _____	0.0	2.3	3.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 03/31/90

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335

UNIT NAME St. Lucie #1

DATE March 7, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH February, 1990

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
02	900122	S	672.0	C	1		RC	FUELXX	Unit 1 remained shutdown for a scheduled refueling and maintenance outage.

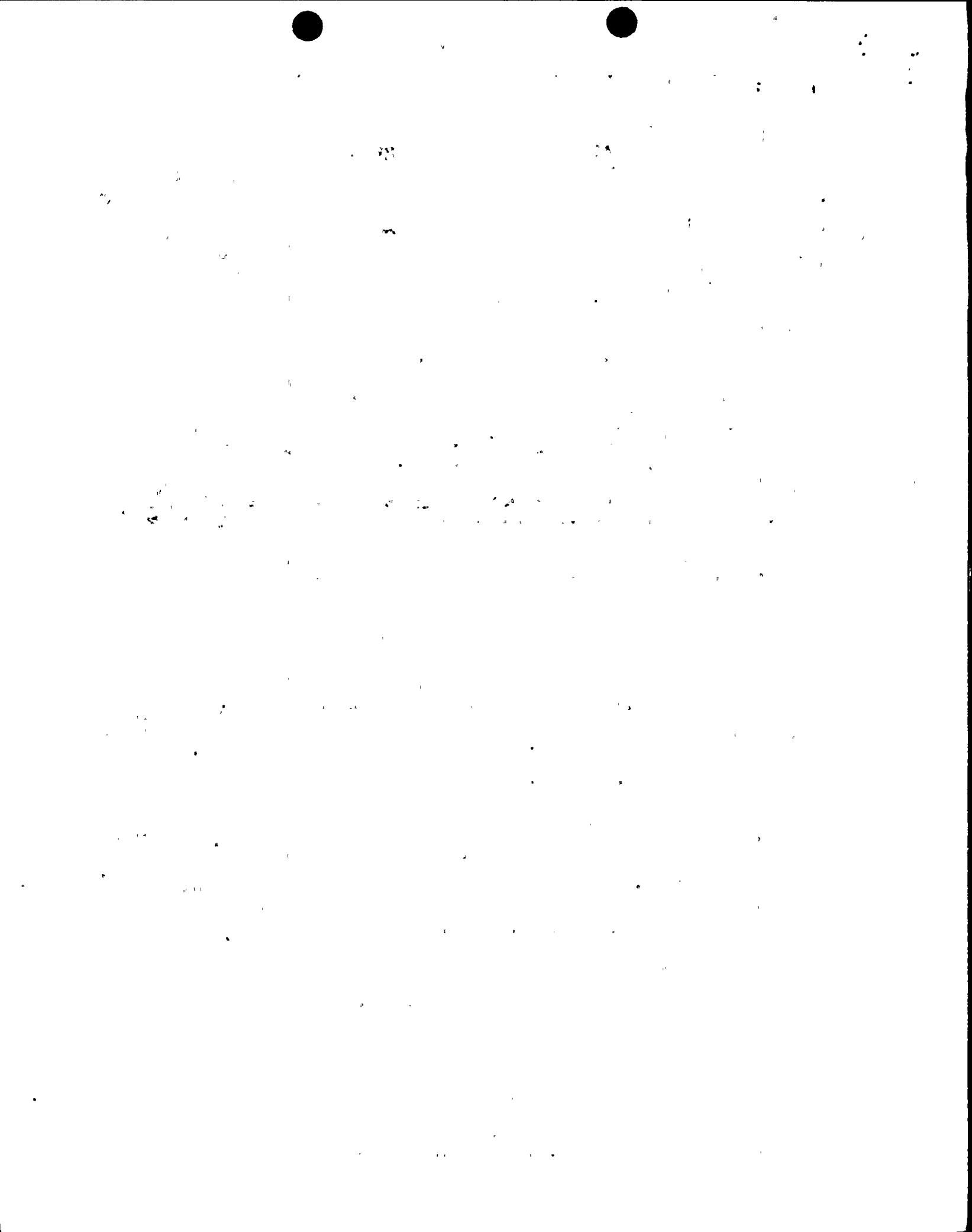
1
F Forced
S Scheduled

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 March 7, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH February, 1990

Unit 1 remained shutdown for a scheduled refueling and maintenance outage.

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 March 7, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH February, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

2/ 1/90	857
2/ 2/90	858
2/ 3/90	857
2/ 4/90	857
2/ 5/90	858
2/ 6/90	858
2/ 7/90	855
2/ 8/90	854
2/ 9/90	836
2/10/90	733
2/11/90	860
2/12/90	862
2/13/90	862
2/14/90	862
2/15/90	862
2/16/90	860
2/17/90	864
2/18/90	861
2/19/90	860
2/20/90	860
2/21/90	859
2/22/90	860
2/23/90	860
2/24/90	861
2/25/90	860
2/26/90	849
2/27/90	860
2/28/90	862

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 3/07/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: FEBRUARY 1990
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	57529.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	672.0	1176.5	49345.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	672.0	1137.2	48491.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1804342	2995579	126792975
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	604460	1002820	42254730
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	573820	945731	39958845
19. UNIT SERVICE FACTOR _____	100.0	80.3	84.3
20. UNIT AVAILABILITY FACTOR _____	100.0	80.3	84.3
21. CAPACITY FACTOR (USING MDC NET) _____	101.8	79.6	84.8
22. CAPACITY FACTOR (USING DER NET) _____	102.9	80.5	84.6
23. UNIT FORCED OUTAGE RATE _____	0.0	19.7	5.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 8/29/90, 63 DAYS _____			

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 March 7, 1990

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH February, 1990

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
									Unit 2 operated at essentially full power and had no shutdowns or significant power reductions.

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. 50-389
UNIT St. Lucie #2
DATE March 7, 1990
COMPLETED BY D. M. Bonett
TELEPHONE (407) 694-4432

REPORT MONTH February, 1990

Unit 2 operated at essentially full power and had no shutdowns or significant power reductions.

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.

