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

SUBJECT: Monthly operating repts for Oct 1989 for St Lucie Units 1 & 2. W/891113 ltr.

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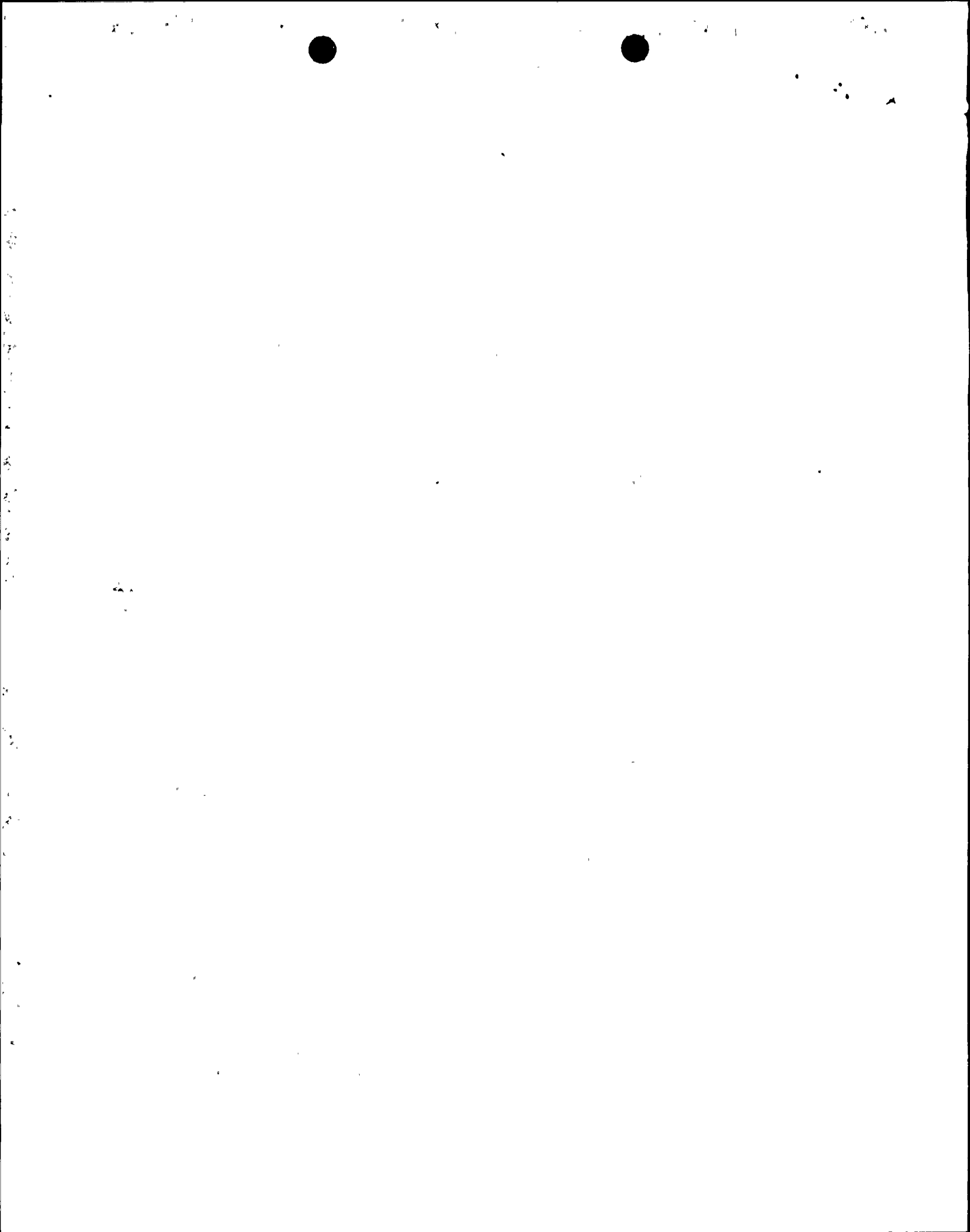
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November 13, 1989
L-89-411
10 CFR 50.36

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 October 1989 Operating Status Reports 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. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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PDR ADCK 05000335
R PDC

IE24
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THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
5708 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH October, 1989

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/ 1/89	850
10/ 2/89	847
10/ 3/89	845
10/ 4/89	844
10/ 5/89	845
10/ 6/89	846
10/ 7/89	846
10/ 8/89	848
10/ 9/89	847
10/10/89	844
10/11/89	843
10/12/89	844
10/13/89	842
10/14/89	840
10/15/89	839
10/16/89	811
10/17/89	814
10/18/89	846
10/19/89	845
10/20/89	848
10/21/89	854
10/22/89	837
10/23/89	644
10/24/89	827
10/25/89	866
10/26/89	862
10/27/89	864
10/28/89	865
10/29/89	865
10/30/89	864
10/31/89	744

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 11/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: OCTOBER 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: _____	745	7296	112752.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	6826.0	85924.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	745.0	6816.2	85195.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1982298	18133904	219155091
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	656570	6055995	72174590
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	623063	5744442	68195972
19. UNIT SERVICE FACTOR _____	100.0	93.4	75.6
20. UNIT AVAILABILITY FACTOR _____	100.0	93.4	75.6
21. CAPACITY FACTOR (USING MDC NET) _____	99.7	93.8	75.1
22. CAPACITY FACTOR (USING DER NET) _____	100.8	94.9	73.9
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 November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

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
05	891022	S	0.0	B	5		HC	HTEXCH	Unit 1 reduced power for the 1B1 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 November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

Unit 1 reduced power for the 1B1 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 November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH October, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/ 1/89	842
10/ 2/89	846
10/ 3/89	846
10/ 4/89	846
10/ 5/89	847
10/ 6/89	847
10/ 7/89	848
10/ 8/89	850
10/ 9/89	847
10/10/89	849
10/11/89	850
10/12/89	850
10/13/89	850
10/14/89	849
10/15/89	850
10/16/89	848
10/17/89	847
10/18/89	847
10/19/89	848
10/20/89	850
10/21/89	855
10/22/89	849
10/23/89	856
10/24/89	856
10/25/89	855
10/26/89	857
10/27/89	857
10/28/89	857
10/29/89	857
10/30/89	856
10/31/89	856

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 11/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: OCTOBER 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: _____	745	7296	54649.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	5162.9	46704.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	745.0	5069.1	45890.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2011114	13430317	119913987
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	667710	4463550	39960390
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	633627	4213632	37788525
19. UNIT SERVICE FACTOR _____	100.0	69.5	84.0
20. UNIT AVAILABILITY FACTOR _____	100.0	69.5	84.0
21. CAPACITY FACTOR (USING MDC NET) _____	101.4	68.8	84.1
22. CAPACITY FACTOR (USING DER NET) _____	102.5	69.6	84.1
23. UNIT FORCED OUTAGE RATE _____	0.0	2.6	5.5
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 November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

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

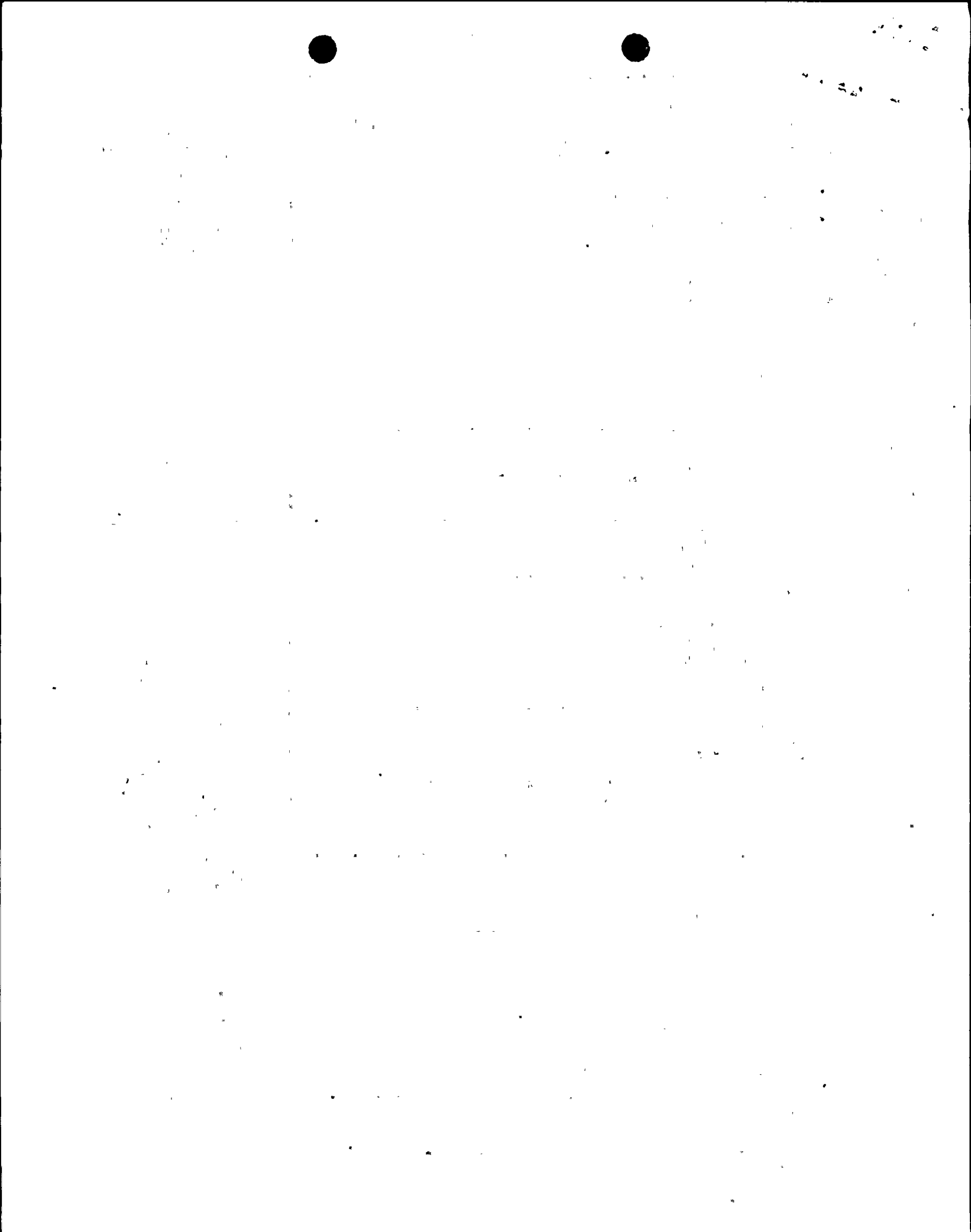
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

4

Exhibit G- Instructions for Preparation of Data Entry 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 November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

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.