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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
 BREEN, J.J. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1992 for St Lucie units 1 & 2. W/920910 ltr.

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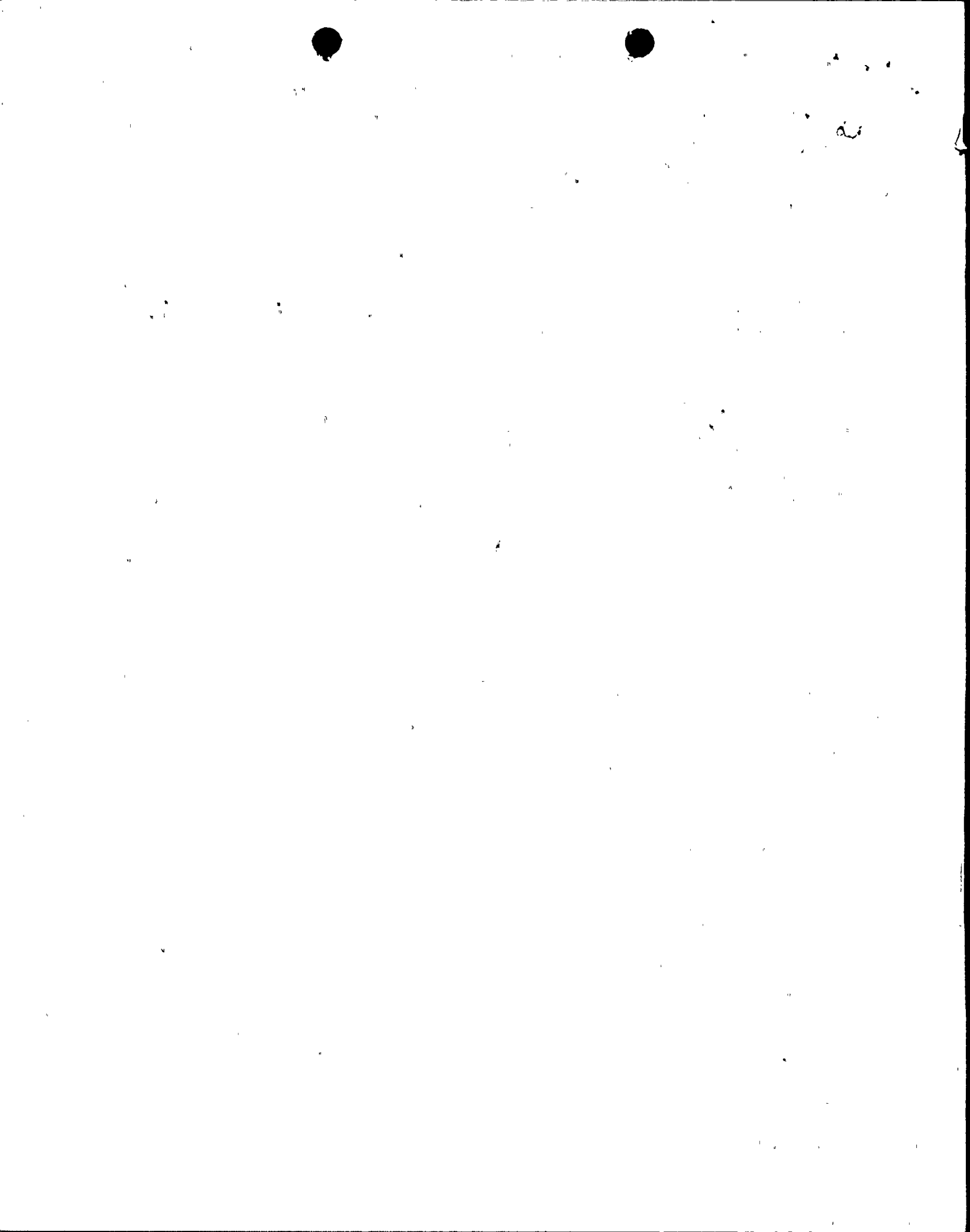
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September 10, 1992

L-92-255
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 August 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,

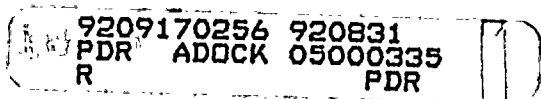

D. A. Sager
Vice President
St. Lucie Plant

DAS:JJB:kw

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

Attachments

DAS/PSL #776-92



Handwritten initials/signature

18073 21 2 270481

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE SEP 10 1992
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH AUGUST, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
8/ 1/92	846
8/ 2/92	844
8/ 3/92	839
8/ 4/92	842
8/ 5/92	842
8/ 6/92	840
8/ 7/92	833
8/ 8/92	833
8/ 9/92	836
8/10/92	837
8/11/92	842
8/12/92	847
8/13/92	846
8/14/92	849
8/15/92	845
8/16/92	844
8/17/92	840
8/18/92	840
8/19/92	838
8/20/92	838
8/21/92	838
8/22/92	832
8/23/92	765
8/24/92	535
8/25/92	491
8/26/92	523
8/27/92	653
8/28/92	847
8/29/92	850
8/30/92	847
8/31/92	844

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE SEP 10 1992
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: AUGUST 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

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD: _____	744	5855	137591.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	5855.0	105964.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	5855.0	105050.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1921800	15608042	271335294
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	629680	5215010	89547830
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	596288	4953976	84637672
19. UNIT SERVICE FACTOR _____	100.0	100.0	76.4
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	76.4
21. CAPACITY FACTOR (USING MDC NET) _____	95.5	100.8	75.9
22. CAPACITY FACTOR (USING DER NET) _____	96.6	101.9	75.1
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	3.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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



2. 12. 76

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-335
UNIT NAME	ST LUCIE UNIT 1
DATE	SEP 10 1992
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH AUGUST, 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
4	920822	F	0.0	H	5	N/A	HF	XXXXXX	Unit 1 was reduced in power due to condenser high back pressure.
4	920823	F	0.0	H	4	N/A	ZZ	ZZZZZZ	Unit 1 was reduced to approximately 70% power due to a hurricane warning (Hurricane Andrew).
5	920824	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 was reduced in power 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)

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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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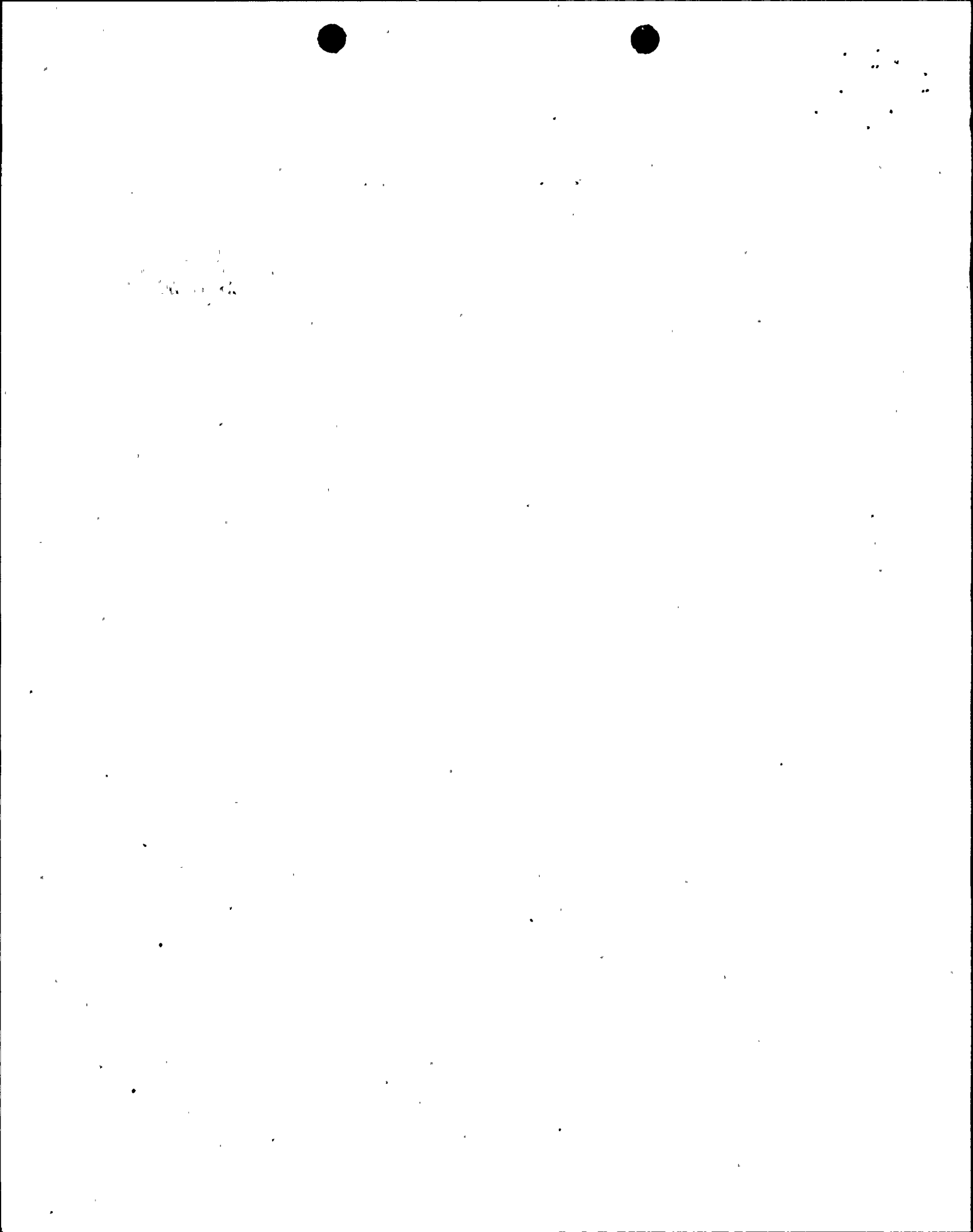
SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE SEP 10 1992
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH AUGUST, 1992

Unit 1 was at 100% power until August 22, 1992; the unit was then reduced in power due to condenser high back pressure. Unit 1 was further reduced to approximately 70% power on August 23, 1992, due to a hurricane warning (Hurricane Andrew). From August 24, 1992, until August 27, 1992, the unit was reduced in power for waterbox cleaning. On August 28, 1992, 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 SEP 10 1992
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH AUGUST, 1992

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
8/ 1/92	858
8/ 2/92	857
8/ 3/92	857
8/ 4/92	857
8/ 5/92	860
8/ 6/92	860
8/ 7/92	854
8/ 8/92	854
8/ 9/92	743
8/10/92	505
8/11/92	-34
8/12/92	-30
8/13/92	92
8/14/92	184
8/15/92	518
8/16/92	751
8/17/92	855
8/18/92	858
8/19/92	859
8/20/92	860
8/21/92	860
8/22/92	857
8/23/92	791
8/24/92	706
8/25/92	853
8/26/92	853
8/27/92	853
8/28/92	859
8/29/92	858
8/30/92	856
8/31/92	852

OPERATING DATA REPORT

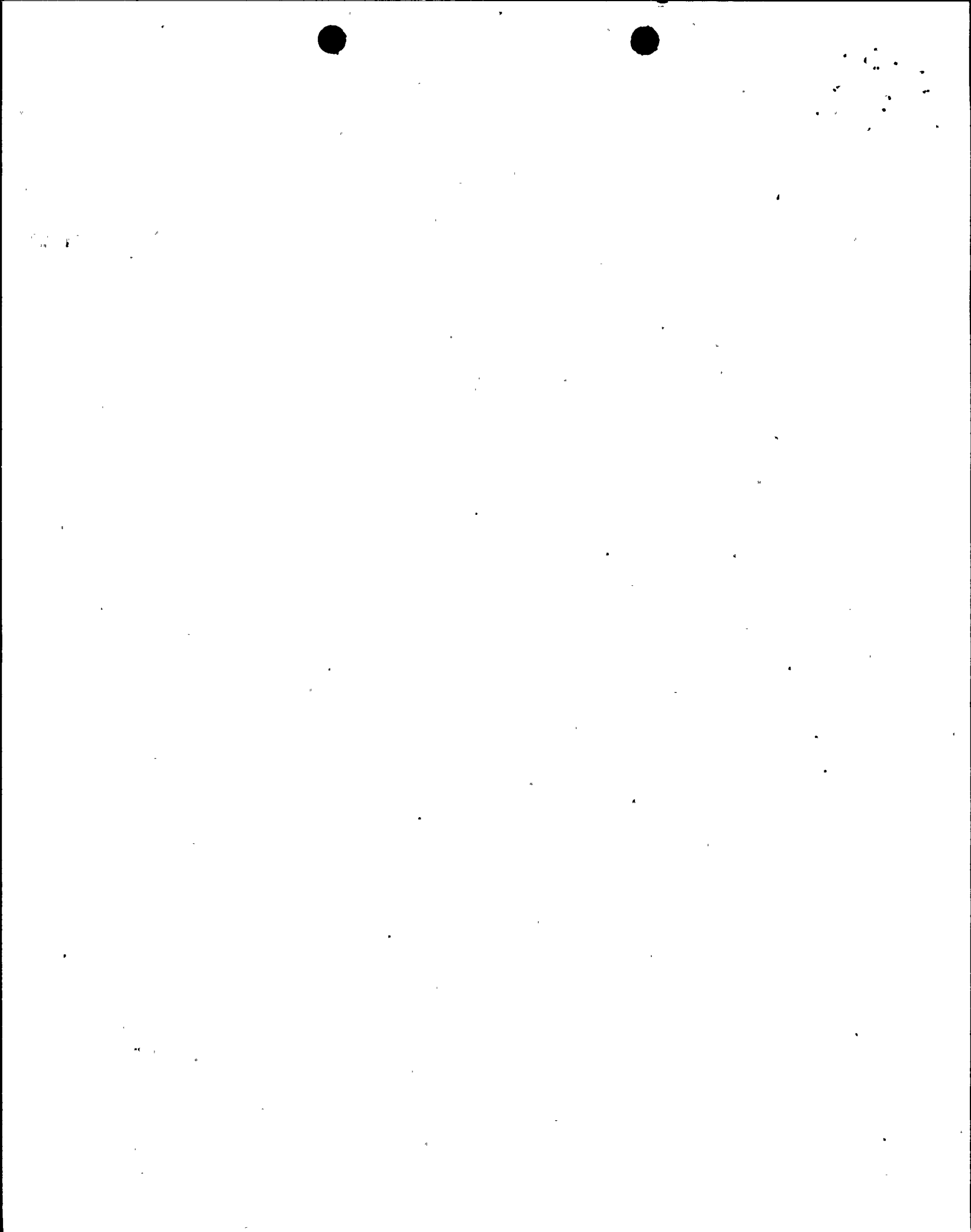
DOCKET NO 50 - 389
 DATE SEP 10 1992
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: AUGUST 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	5855	79488.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	721.6	4229.4	67849.6
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE -----	682.9	4110.6	66714.9
15. UNIT RESERVE SHUTDOWN HOURS -----	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1705305	10551200	174663806
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	565720	3529490	58255310
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	533149	3327850	55090697
19. UNIT SERVICE FACTOR -----	91.8	70.2	83.9
20. UNIT AVAILABILITY FACTOR -----	91.8	70.2	83.9
21. CAPACITY FACTOR (USING MDC NET) -----	85.4	67.7	83.9
22. CAPACITY FACTOR (USING DER NET) -----	86.3	68.5	84.1
23. UNIT FORCED OUTAGE RATE -----	8.2	3.4	5.0
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 UNIT 2
DATE	SEP 10 1992
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH AUGUST, 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
19	920809	F	0.0	B	5	N/A	HF	PUMPXX	Unit 2 was manually downpowered to repair the traveling screen for the 2B2 Circulating Water Pump (CWP).
19	920810	F	61.1	H	2	LER 92-006	HH	PUMPXX	The unit was manually tripped due to a fire in the "C" condensate pump lead box.
20	920813	S	0.0	F	1	N/A	HH	ZZZZZZ	Unit 2 was held at approximately 30% power due to a chemistry hold.
21	920815	F	0.0	A	1	N/A	HF	XXXXXX	Unit 2 was held at approximately 83% power due to a 2A2 waterbox tube leak.
22	920823	F	0.0	F	5	N/A	ZZ	ZZZZZZ	Unit 2 was reduced to approximately 70% power due to a hurricane warning (Hurricane Andrew).

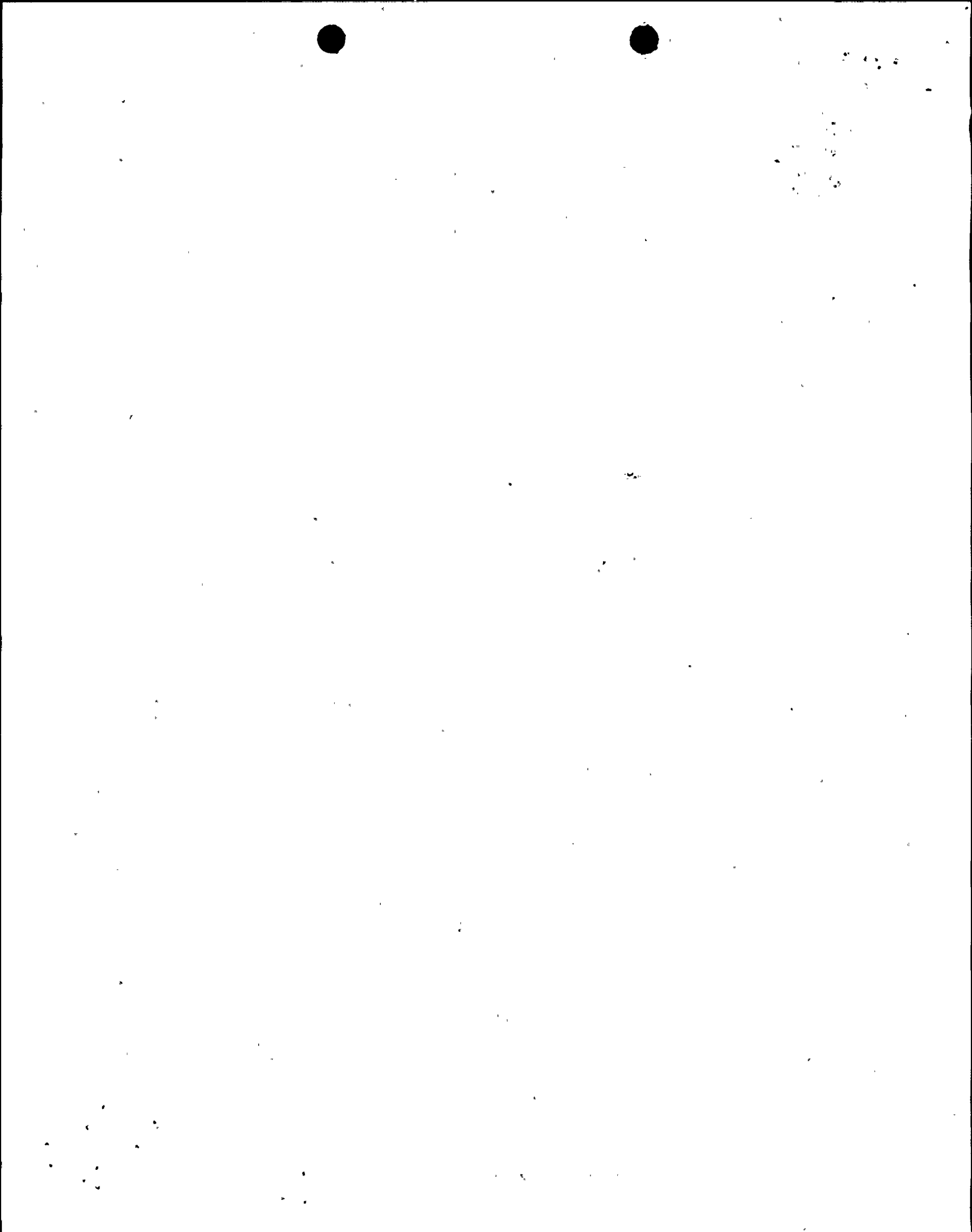
¹
F Forced
S Scheduled

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-389
UNIT NAME	ST LUCIE UNIT 2
DATE	SEP 10 1992
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH AUGUST, 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
23	920824	S	0.0	B	5	N/A	HA	VALVEX	The unit was reduced in power for turbine valve testing.
24	920824	F	0.0	H	1	N/A	ZZ	ZZZZZZ	The unit was held at approximately 78% due to electrical transmission system grid instability.

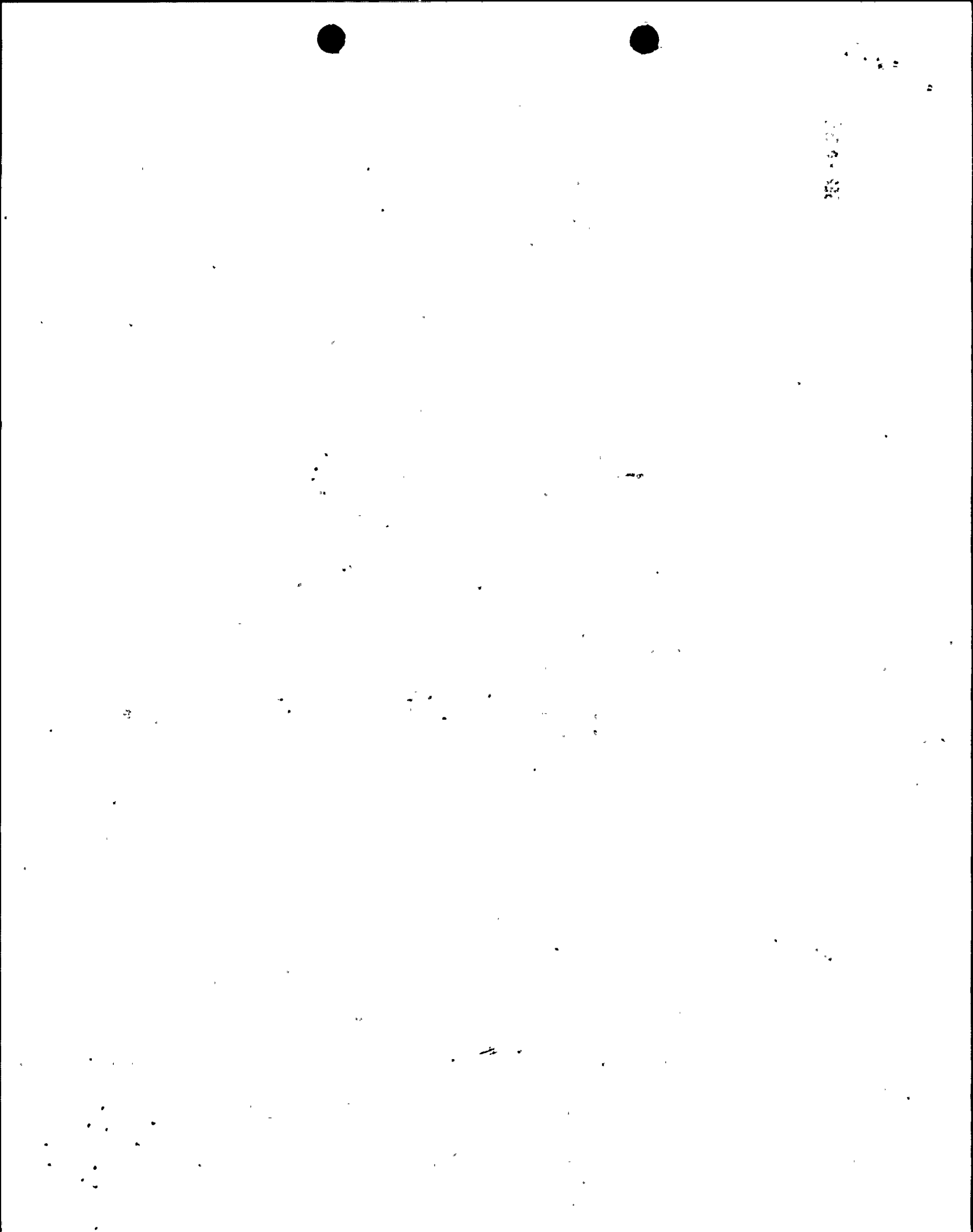
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Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

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Exhibit I - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE SEP-10 1992
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH AUGUST, 1992

Unit 2 was at 100% power until August 9, 1992, when the unit was downpowered due to failure of the 2B2 Circulating Water Pump traveling screen. On August 10, 1992, the unit was manually tripped due to a fire in the "C" condensate pump lead box. On August 13, 1992, the unit was returned to power and then held at approximately 30% power for a Chemistry Hold. On August 15, 1992, the unit was held at approximately 83% power due to a 2A2 waterbox tube leak. On August 23, 1992, the unit was reduced in power to approximately 70% due to a hurricane warning (Hurricane Andrew). On August 24, 1992, the unit was reduced slightly in power for turbine valve testing; the unit was then held at approximately 78% power due to electrical transmission system grid instability. The unit was at 100% power by the end of the day 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.

