

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9010250332      DOC. DATE: 90/09/30      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  
BREEN, J.J.      Florida Power & Light Co.  
SAGER, D.A.      Florida Power & Light Co.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Sept 1990 for DPR-67 & NPF-16.W/  
901015 ltr.

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OCT 15 1990

L-90-365  
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 September 1990 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

*DA Sager*  
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

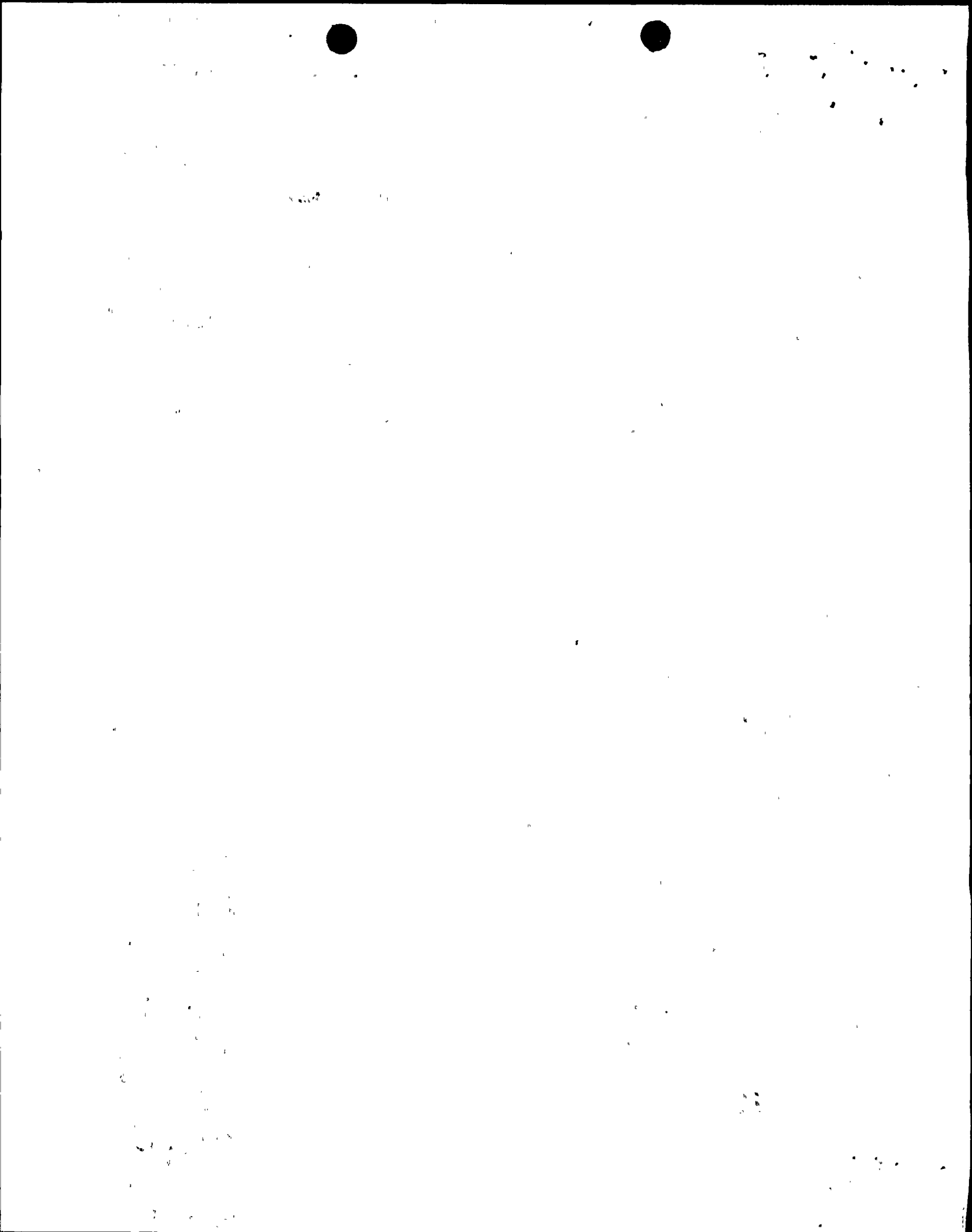
Attachments

DAS/PSL #269

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9010250332 900930  
PDR ADDCK 05000335  
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111



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE OCT 15 1990

COMPLETED BY J. J. Breen

TELEPHONE (407) 465-3550

MONTH SEPTEMBER, 1990

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

9/ 1/90	851
9/ 2/90	851
9/ 3/90	851
9/ 4/90	851
9/ 5/90	852
9/ 6/90	850
9/ 7/90	848
9/ 8/90	851
9/ 9/90	849
9/10/90	850
9/11/90	847
9/12/90	847
9/13/90	847
9/14/90	845
9/15/90	846
9/16/90	847
9/17/90	847
9/18/90	845
9/19/90	846
9/20/90	848
9/21/90	848
9/22/90	848
9/23/90	848
9/24/90	847
9/25/90	850
9/26/90	850
9/27/90	850
9/28/90	852
9/29/90	851
9/30/90	852

1954

1954

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 10/ /90  
 COMPLETED BY J. J. BREEN  
 TELEPHONE 407/465/3550

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: SEPTEMBER 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: -----	720	6551	120767.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL -----	720.0	3385.4	90774.1
13. REACTOR RESERVE SHUTDOWN HOURS -----	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE -----	720.0	3300.9	89937.9
15. UNIT RESERVE SHUTDOWN HOURS -----	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) -----	1944189	8512992	231470632
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) -----	643200	2830550	76273620
18. NET ELECTRICAL ENERGY GENERATED (MWH) -----	611100	2656907	72055772
19. UNIT SERVICE FACTOR -----	100.0	50.4	74.5
20. UNIT AVAILABILITY FACTOR -----	100.0	50.4	74.5
21. CAPACITY FACTOR (USING MDC NET) -----	101.2	48.3	74.1
22. CAPACITY FACTOR (USING DER NET) -----	102.3	48.9	73.0
23. UNIT FORCED OUTAGE RATE -----	0.0	24.2	4.4
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. 50-335

UNIT NAME ST. LUCIE #1

DATE OCT 15 1990

COMPLETED BY J. J. BREEN

TELEPHONE 407-465-3550

REPORT MONTH SEPTEMBER 1990

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
									Unit 1 was at 100% for the month of September.

**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

051 2 160



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE OCT 15 1990

COMPLETED BY J. J. Breen

TELEPHONE (407) 465-3550

REPORT MONTH SEPTEMBER, 1990

Unit 1 remained on line and at 100% for the month of September.

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.

011 10 781

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE OCT 15 1990

COMPLETED BY J. J. Breen

TELEPHONE (407) 465-3550

MONTH SEPTEMBER, 1990

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

9/ 1/90	704
9/ 2/90	839
9/ 3/90	839
9/ 4/90	840
9/ 5/90	841
9/ 6/90	836
9/ 7/90	834
9/ 8/90	833
9/ 9/90	803
9/10/90	557
9/11/90	535
9/12/90	665
9/13/90	817
9/14/90	840
9/15/90	842
9/16/90	841
9/17/90	841
9/18/90	839
9/19/90	839
9/20/90	841
9/21/90	839
9/22/90	840
9/23/90	839
9/24/90	838
9/25/90	839
9/26/90	839
9/27/90	838
9/28/90	840
9/29/90	839
9/30/90	728

1941-30

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 10/ /90  
 COMPLETED BY J. J. BREEN  
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: SEPTEMBER 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: _____	720	6551	62664.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	717.8	5942.5	54111.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	717.8	5839.8	53194.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1873754	15415909	139213305
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	611440	5113870	46365780
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	578487	4832329	43845443
19. UNIT SERVICE FACTOR _____	99.7	89.1	84.9
20. UNIT AVAILABILITY FACTOR _____	99.7	89.1	84.9
21. CAPACITY FACTOR (USING MDC NET) _____	95.8	87.9	85.2
22. CAPACITY FACTOR (USING DER NET) _____	96.8	88.9	85.2
23. UNIT FORCED OUTAGE RATE _____	0.3	10.9	5.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/2/90

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389

UNIT NAME ST. LUCIE #2

DATE OCT 15 1990

COMPLETED BY J. J. BREEN

TELEPHONE 407-465-3550

REPORT MONTH SEPTEMBER, 1990

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
15	900909	S	0.0	B	5	N/A	HC	HTEXCH	Unit 2 reduced power because of waterbox cleaning in the 2A2 & 2B2 condensers.
16	900912	F	0.0	F	5	N/A	RC	ZZZZZZ	ASI Control.
17	900912	F	0.0	A	5	N/A	HH	VALVEX	Control problems due to 2A feedwater reg. valve.
18	900930	S	2.2	C	1	N/A	RC	FUELXX	Fall refueling 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 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 OCT 15 1990

COMPLETED BY J. J. Breen

TELEPHONE (407) 465-3550

REPORT MONTH SEPTEMBER, 1990

From September 9, 1990 to September 12, 1990, Unit 2 reduced power due to waterbox cleaning of the 2A2 & 2B2 condensers; power was then held at 76% for ASI Control. As power began to escalate it was halted due to control problems with the 2A feedwater reg. valve. Power was back up on September 12, 1990, and was at 100% until September 30, 1990.

On September 30, 1990, Unit 2 reduced power for refueling and is currently in a refueling outage.

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.