

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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ACCESSION NBR: 9203160288    DOC. DATE: ~~92/02/29~~    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 Feb 1992 for St Lucie Units 1 & 2. W/920309 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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March 9, 1992

L-92-61  
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 February, 1992 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Should you have 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 #641-92

9203160288 920229  
PDR ADOCK 05000335  
R PDR

an FPL Group company

*Handwritten initials/signature: SE24*



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OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE MAR 09 1992  
 COMPLETED BY J.J. BREEN  
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: FEBRUARY 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
11. HOURS IN REPORT PERIOD: _____	696	1440	133176.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	696.0	1440.0	101549.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	696.0	1440.0	100635.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1879532	3888540	259615792
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	634660	1312610	85645430
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	603698	1248494	80932190
19. UNIT SERVICE FACTOR _____	100.0	100.0	75.6
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	75.6
21. CAPACITY FACTOR (USING MDC NET) _____	103.4	103.3	75.1
22. CAPACITY FACTOR (USING DER. NET) _____	104.5	104.5	74.2
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	4.1
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 UNIT 1
DATE	MAR 09 1992
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH FEBRUARY, 1992

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
									The average daily power for Unit 1 for the month of February was 100%.

<sup>1</sup>  
F Forced  
S Scheduled

<sup>2</sup>  
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)

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

<sup>4</sup>  
Exhibit G - Instructions for  
Preparation of Data Entry  
Sheets Licensee Event Report  
(LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit 1 - Same Source





SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335  
UNIT St. Lucie #1  
DATE MAR 09 1992  
COMPLETED BY J.J. Breen  
TELEPHONE (407) 468-4248

REPORT MONTH FEBRUARY, 1992

For the month of February the average daily power for Unit 1 was 100%.

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 MAR 09 1992  
COMPLETED BY J.J. Breen  
TELEPHONE (407) 468-4248

MONTH FEBRUARY, 1992

DAY AVERAGE DAILY POWER LEVEL  
(Mwe-Net)

2/ 1/92	870
2/ 2/92	871
2/ 3/92	871
2/ 4/92	870
2/ 5/92	866
2/ 6/92	865
2/ 7/92	866
2/ 8/92	867
2/ 9/92	867
2/10/92	868
2/11/92	868
2/12/92	841
2/13/92	728
2/14/92	856
2/15/92	871
2/16/92	869
2/17/92	866
2/18/92	865
2/19/92	865
2/20/92	864
2/21/92	863
2/22/92	863
2/23/92	862
2/24/92	838
2/25/92	712
2/26/92	770
2/27/92	866
2/28/92	867
2/29/92	866



OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE MAR 09 1992  
 COMPLETED BY J.J. GREEN  
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: FEBRUARY 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: _____	696	1440	75073.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	696.0	1440.0	65060.3
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	696.0	1440.0	64044.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1849176	3812136	167924742
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	624189	1284269	56010089
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	592303	1218180	52981027
19. UNIT SERVICE FACTOR _____	100.0	100.0	85.3
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	85.3
21. CAPACITY FACTOR (USING MDC NET) _____	101.4	100.8	85.5
22. CAPACITY FACTOR (USING DER NET) _____	102.5	101.9	85.7
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	5.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : NEXT SCHEDULED SHUTDOWN 4/20/92 FOR REFUELING _____			

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 MAR 09 1992  
 COMPLETED BY J. J. BREEN  
 TELEPHONE (407) 468-4248

REPORT MONTH FEBRUARY, 1992

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
4	920212	S	0.0	B	1	N/A	HF	XXXXXX	Unit 2 held at approximately 85% power for waterbox cleaning.
5	920224	S	0.0	B	1	N/A	HF	XXXXXX	Unit 2 held at approximately 85% power for waterbox cleaning.

<sup>1</sup>  
**F** Forced  
**S** Scheduled

<sup>2</sup>  
**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)

<sup>3</sup>  
**Method**  
**1** - Manual  
**2** - Manual Scram  
**3** - Automatic Scram  
**4** - Continued  
**5** - Load Reduction  
**9** - Other (Explain)

<sup>4</sup>  
**Exhibit G** - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
**Exhibit 1** - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389  
UNIT St. Lucie #2  
DATE MAR 09 1992  
COMPLETED BY J.J. Breen  
TELEPHONE (407) 468-4248

REPORT MONTH FEBRUARY, 1992

Unit 2 reduced power from February 12, 1992, to February 14, 1992, and from February 24, 1992, to February 26, 1992, for waterbox cleaning. Unit 2's average daily power for the rest of the month was 100 percent.

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.

