

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9402230259      DOC. DATE: ~~94/01/01~~ 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  
 WHITE, C.D.                      Florida Power & Light Co.  
 SAGER, D.A.                      Florida Power & Light Co.  
 RECIP. NAME                      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1994 for St Lucie Units  
 1 & 2. W/ 940215 ltr.

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P.O. Box 128, Ft. Pierce, FL 34954-0128

February 15, 1994

L-94-038  
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 January, 1994, 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,

A handwritten signature in dark ink, appearing to read "D. A. Sager", is written over the typed name.

D. A. Sager  
Vice President  
St. Lucie Plant

DAS/CDW/kw

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

Attachments

DAS/PSL #1061

9402230259 940131  
PDR ADCK 05000335  
PDR  
R 100000

an FPL Group company

IE24  
11



1945

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE : 2/14/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

MONTH JANUARY, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1/01/94	859
1/02/94	855
1/03/94	856
1/04/94	855
1/05/94	851
1/06/94	855
1/07/94	850
1/08/94	848
1/09/94	695
1/10/94	-24
1/11/94	638
1/12/94	845
1/13/94	844
1/14/94	841
1/15/94	843
1/16/94	841
1/17/94	844
1/18/94	842
1/19/94	845
1/20/94	849
1/21/94	848
1/22/94	853
1/23/94	852
1/24/94	851
1/25/94	847
1/26/94	843
1/27/94	655
1/28/94	850
1/29/94	848
1/30/94	847
1/31/94	844

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 2/14/94  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS

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1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JANUARY 1994
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: _____	744	744	150024.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	723.9	723.9	116254.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	717.1	717.1	115072.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1905622	1905622	297670923
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	629980	629980	98243270
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	596837	596837	92855199
19. UNIT SERVICE FACTOR _____	96.4	96.4	76.7
20. UNIT AVAILABILITY FACTOR _____	96.4	96.4	76.7
21. CAPACITY FACTOR (USING MDC NET) _____	95.6	95.6	76.1
22. CAPACITY FACTOR (USING DER NET) _____	96.7	96.7	75.4
23. UNIT FORCED OUTAGE RATE _____	3.6	3.6	4.0
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.: 50-335  
 UNIT NAME: ST LUCIE UNIT 1  
 DATE: 02/14/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JANUARY, 1994

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
1	940109	F	26.85	A	1	LER 94-01	HH	PUMPXX	Unit 1 reactor trip due to low flow from loss of 1B Main Feedwater Pump.
2	940111	S	0.0	B	1	N/A	HH	PUMPXX	Unit 1 reduced power due to problems with the 1B Main Feedwater Pump
3	940127	S	0.0	B	1	N/A	HH	PUMPXX	Unit 1 reduced power to repair the 1B Main Feedwater Pump.

<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 License 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: 2/14/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH JANUARY, 1994

Unit 1 operated at full power from January 1 through January 8, 1994. On January 9, the reactor was manually tripped due to decreasing feedwater flow from loss of the 1B Main Feedwater Pump. Following troubleshooting and repair, Unit 1 returned to full power on January 12, 1994, and remained at or above 80% power until January 27, 1994, when the Unit decreased power to 45% for 1B Main Feedwater Pump repair. This repair was unrelated to the problem experienced earlier in the month with the 1B Main Feedwater Pump. Unit 1 returned to full power by the end of the day and operated at or above 80% power through the end 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.

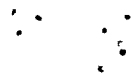


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: 2/14/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

MONTH JANUARY, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1/01/94	847
1/02/94	844
1/03/94	845
1/04/94	844
1/05/94	841
1/06/94	845
1/07/94	837
1/08/94	837
1/09/94	838
1/10/94	842
1/11/94	840
1/12/94	839
1/13/94	836
1/14/94	835
1/15/94	833
1/16/94	832
1/17/94	833
1/18/94	809
1/19/94	835
1/20/94	839
1/21/94	841
1/22/94	842
1/23/94	841
1/24/94	839
1/25/94	834
1/26/94	827
1/27/94	824
1/28/94	819
1/29/94	817
1/30/94	814
1/31/94	802



1

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 2/14/94  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS  
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1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JANUARY 1994
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	744	91921.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	744.0	77907.7
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	744.0	744.0	76639.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2006415	2006415	198967340
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	655030	655030	66164580
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	620435	620435	62521606
19. UNIT SERVICE FACTOR _____	100.0	100.0	83.4
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	83.4
21. CAPACITY FACTOR (USING MDC NET) _____	99.4	99.4	82.1
22. CAPACITY FACTOR (USING DER NET) _____	100.5	100.5	82.4
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	7.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : CYCLE 8 REFUELING OUTAGE SCHEDULED TO BEGIN FEBRUARY 15, 1994. _____			

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: 02/14/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JANUARY, 1994

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 level for Unit 2 was at or above 80% for the month of January, 1994.

<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 License 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: 2/14/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH JANUARY, 1994

The average daily power level for Unit 2 remained at or above 80% for the entire month of January, 1994.

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.

