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           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

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SUBJECT: Monthly operating repts for Jul 1993 for St Lucie, units 1 & 2. W/930811 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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

August 11, 1993

L-93-198  
10 CFR 50.36

9308160176 930731  
PDR ADOCK 05000335  
R PDR

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 July, 1993, 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/CDW/kw

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

Attachments

DAS/PSL #966-93

160020

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180050

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH JULY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
7/ 1/93	850
7/ 2/93	852
7/ 3/93	851
7/ 4/93	854
7/ 5/93	850
7/ 6/93	849
7/ 7/93	846
7/ 8/93	845
7/ 9/93	846
7/10/93	847
7/11/93	848
7/12/93	846
7/13/93	848
7/14/93	850
7/15/93	848
7/16/93	845
7/17/93	847
7/18/93	846
7/19/93	846
7/20/93	846
7/21/93	849
7/22/93	852
7/23/93	849
7/24/93	846
7/25/93	849
7/26/93	849
7/27/93	850
7/28/93	819
7/29/93	808
7/30/93	841
7/31/93	850



OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE  
 COMPLETED BY C. D. WHITE  
 TELEPHONE (407) 468-4248

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JULY, 1993
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	5087	145607.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	3280.3	111950.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	3147.2	110822.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	2003877	8297767	286633477
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	662890	2753070	94612970
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	629340	2594680	89420550
19. UNIT SERVICE FACTOR _____	100.0	61.9	76.1
20. UNIT AVAILABILITY FACTOR _____	100.0	61.9	76.1
21. CAPACITY FACTOR (USING MDC NET) _____	100.8	60.8	75.6
22. CAPACITY FACTOR (USING DER NET) _____	101.9	61.5	74.9
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	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:  
 COMPLETED BY: C.D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JULY, 1993

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's average daily power level was at or above 80% for the month of July, 1993.

<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:  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH JULY, 1993

The average daily power output Unit 1 remained at or above 80% for the month of July, 1993.

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:  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

MONTH JULY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
7/ 1/93	821
7/ 2/93	822
7/ 3/93	815
7/ 4/93	807
7/ 5/93	740
7/ 6/93	475
7/ 7/93	487
7/ 8/93	816
7/ 9/93	824
7/10/93	823
7/11/93	822
7/12/93	776
7/13/93	497
7/14/93	545
7/15/93	565
7/16/93	830
7/17/93	834
7/18/93	831
7/19/93	830
7/20/93	828
7/21/93	829
7/22/93	833
7/23/93	827
7/24/93	824
7/25/93	825
7/26/93	804
7/27/93	743
7/28/93	469
7/29/93	487
7/30/93	524
7/31/93	835

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE  
 COMPLETED BY C. D. WHITE  
 TELEPHONE (407) 468-4248

OPERATING STATUS  
 -----

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JULY, 1993
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	5087	87504.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	3098.8	73503.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	744.0	3085.0	72290.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1813364	7948313	189313315
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	580740	2601800	63081450
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	546801	2441095	59632837
19. UNIT SERVICE FACTOR _____	100.0	60.6	82.6
20. UNIT AVAILABILITY FACTOR _____	100.0	60.6	82.6
21. CAPACITY FACTOR (USING MDC NET) _____	87.6	57.2	82.3
22. CAPACITY FACTOR (USING DER NET) _____	88.5	57.8	82.6
23. UNIT FORCED OUTAGE RATE _____	0.0	39.4	7.6
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:  
 COMPLETED BY: C.D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JULY, 1993

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
9	930705	S	55.92	B	5	N/A	CB	XXXXXXX	Unit 2 was reduced and held to approximately 55% power for water box cleaning.
10	930712	S	76.63	B	5	N/A	CB	XXXXXXX	Unit 2 was reduced and held to approximately 60% power for water box cleaning.
11	930728	S	69.48	B	5	N/A	CB	XXXXXXX	Unit 2 was reduced and held to approximately 60% power for water box 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 I - Same Source**

SUMMARY OF OPERATING EXPERIENCE

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

REPORT MONTH JULY, 1993

Unit 2 was reduced and held to approximately 50-60% power during the periods of July 5-7, 12-15, and 27-30 for water box cleaning. Excluding these periods, Unit 2 operated at or above 80% for the month of July, 1993.

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.



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