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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  
 WHITE, C.D.                      Florida Power & Light Co.  
 SAGER, D.A.                      Florida Power & Light Co.  
 RECIP. NAME                      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1993 for St Lucie, Units 1 & 2. W/ 931108 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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November 8, 1993

L-93-284  
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 October, 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,

*DASager*  
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 #1012-93

9311120307 931031  
PDR ADDCK 05000335  
R PDR

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE : 11/3/93  
COMPLETED BY: C. D. White  
TELEPHONE: (407) 468-4248

MONTH October, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
10/01/93	338
10/02/93	786
10/03/93	843
10/04/93	845
10/05/93	844
10/06/93	844
10/07/93	845
10/08/93	844
10/09/93	844
10/10/93	846
10/11/93	843
10/12/93	842
10/13/93	846
10/14/93	847
10/15/93	846
10/16/93	845
10/17/93	845
10/18/93	844
10/19/93	841
10/20/93	841
10/21/93	840
10/22/93	837
10/23/93	840
10/24/93	838
10/25/93	837
10/26/93	838
10/27/93	838
10/28/93	839
10/29/93	840
10/30/93	839
10/31/93	840

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 11/ 7/93  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS

- 
1. UNIT NAME: ST. LUCIE UNIT 1
  2. REPORTING PERIOD: OCTOBER 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: _____	745	7296	147816.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	5395.5	114066.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	745.0	5215.5	112890.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1972278	13586343	291922053
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	647270	4484200	96344100
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	613926	4229003	91054873
19. UNIT SERVICE FACTOR _____	100.0	71.5	76.4
20. UNIT AVAILABILITY FACTOR _____	100.0	71.5	76.4
21. CAPACITY FACTOR (USING MDC NET) _____	98.2	69.1	75.8
22. CAPACITY FACTOR (USING DER NET) _____	99.3	69.8	75.1
23. UNIT FORCED OUTAGE RATE _____	0.0	2.6	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: 11/3/93  
 COMPLETED BY: C. D. WHITE -  
 TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 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
14	931001	F	0.0	B	4	N/A	HH	PUMPXX	Unit 1 reduced power to investigate problems with the 1B Main Feedwater Pump.

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



32

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: 11/3/93  
COMPLETED BY: C. D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH October, 1993

On October 1, 1993, Unit 1 was maintained at reduced power to investigate problems with the 1B main feedwater pump. This reduction in power was a continuation from September 30, 1993. Unit 1 operated at or above 80% for the remainder 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: 11/3/93  
COMPLETED BY: C. D. White  
TELEPHONE: (407) 468-4248

MONTH October, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
10/01/93	599
10/02/93	748
10/03/93	823
10/04/93	829
10/05/93	829
10/06/93	828
10/07/93	829
10/08/93	827
10/09/93	826
10/10/93	824
10/11/93	821
10/12/93	796
10/13/93	796
10/14/93	794
10/15/93	787
10/16/93	774
10/17/93	733
10/18/93	480
10/19/93	755
10/20/93	826
10/21/93	825
10/22/93	822
10/23/93	823
10/24/93	821
10/25/93	820
10/26/93	819
10/27/93	820
10/28/93	821
10/29/93	821
10/30/93	819
10/31/93	743

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 11/ 7/93  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS

- 
1. UNIT NAME: ST. LUCIE UNIT 2
  2. REPORTING PERIOD: OCTOBER 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: _____	745	7296	89713.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	5307.8	75712.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	745.0	5250.8	74456.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1937951	13275457	194640459
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	622440	4306930	64786580
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	588167	4045886	61237628
19. UNIT SERVICE FACTOR _____	100.0	72.0	83.0
20. UNIT AVAILABILITY FACTOR _____	100.0	72.0	83.0
21. CAPACITY FACTOR (USING MDC NET) _____	94.1	66.1	82.4
22. CAPACITY FACTOR (USING DER NET) _____	95.1	66.8	82.8
23. UNIT FORCED OUTAGE RATE _____	0.0	28.0	7.5
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: 11/3/93  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 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
22	931001	F	0.0	B	5	N/A	HF	HTEXCH	Unit 2 reduced power due to high backpressure.
23	931018	F	0.0	B	5	N/A	HF	HTEXCH	Unit 2 reduced 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: 11/3/93  
COMPLETED BY: C. D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH October, 1993

On October 1, 1993, Unit 2 reduced power due to high backpressure. The unit reduced power again on October 18, 1993 for waterbox cleaning. Excluding these two periods, Unit 2 operated at or above 80% power for the month of October.

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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