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AUTH. NAME      AUTHOR AFFILIATION  
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SAGER, D.A.      Florida Power & Light Co.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1994 for Staint Lucie.  
W/940713 ltr.

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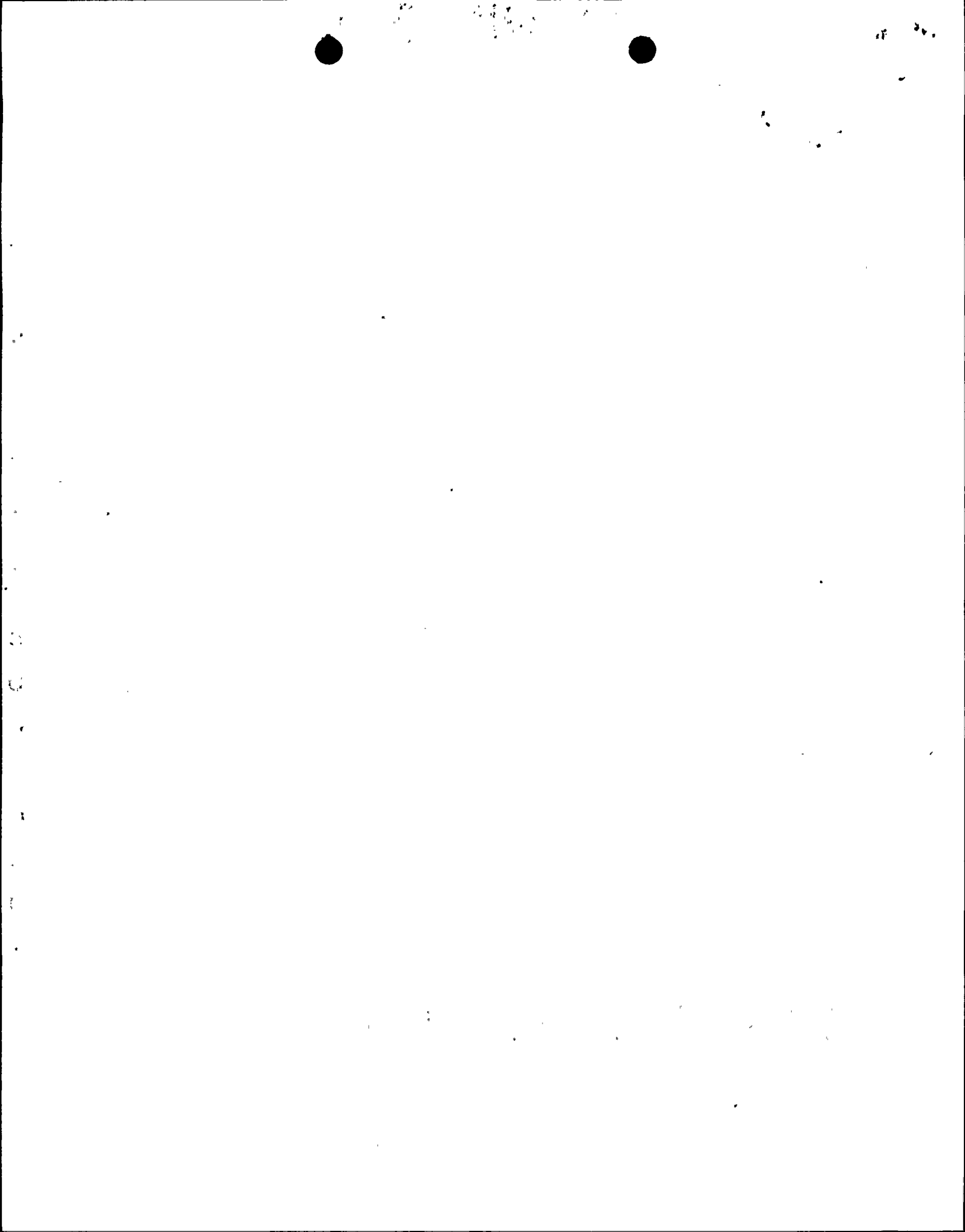
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Florida Power & Light Company, P.O. Box 128, Fort Pierce, FL 34954-0128

July 13, 1994

L-94-180  
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 June, 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,

  
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 #1160-94

180005  
9407180266 940630  
PDR ADDCK 05000335  
R PDR

an FPL Group company



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE : 7/12/94  
COMPLETED BY: Chris D. White  
TELEPHONE: (407) 468-4248

MONTH June, 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

06/01/94	776
06/02/94	777
06/03/94	833
06/04/94	830
06/05/94	817
06/06/94	492
06/07/94	-29
06/08/94	-29
06/09/94	-33
06/10/94	-33
06/11/94	155
06/12/94	531
06/13/94	578
06/14/94	602
06/15/94	766
06/16/94	825
06/17/94	830
06/18/94	833
06/19/94	831
06/20/94	831
06/21/94	826
06/22/94	824
06/23/94	825
06/24/94	824
06/25/94	802
06/26/94	813
06/27/94	852
06/28/94	855
06/29/94	853
06/30/94	855

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 7/12/94  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS

- 
1. UNIT NAME: ST. LUCIE UNIT 1
  2. REPORTING PERIOD: JUNE 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: _____	720	4343	153623.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	669.1	4185.5	119715.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	601.6	4060.3	118415.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1535264	10728692	306493993
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	498900	3511940	101125230
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	468307	3320168	95578530
19. UNIT SERVICE FACTOR _____	83.6	93.5	77.1
20. UNIT AVAILABILITY FACTOR _____	83.6	93.5	77.1
21. CAPACITY FACTOR (USING MDC NET) _____	77.5	91.1	76.5
22. CAPACITY FACTOR (USING DER NET) _____	78.4	92.1	75.8
23. UNIT FORCED OUTAGE RATE _____	16.4	6.5	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : UNIT 1 CYCLE 13 REFUELING OUTAGE SCHEDULED TO BEGIN OCTOBER 1, 1994. _____			

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: 07/12/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JUNE, 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
8	940606	1	118.4	A	3	LER 94-05	EB	TRANSF	Unit 1 tripped automatically during inclement weather due to contact between metal facia and the 1A transformer causing a generator differential current lockout.
9	940611	6	0.0	B	1	N/A	RB	VESSEL	During power ascension, Unit 1 held at 30% power to perform a Nuclear Power-Delta T Power calibration.
10	940611	5	0.0	B	1	N/A	HF	PUMPXX	Unit 1 was held at 60% power to repair problems with the turbine cooling water 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 Licensee Event Report (LER) File (NUREG-0161)

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

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335  
 UNIT NAME: ST LUCIE UNIT 1  
 DATE: 07/12/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JUNE, 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
11	940612	6	0.0	B	1	N/A	HF	HTEXCH	Unit 1 reduced power for waterbox cleaning.

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: 7/12/94  
COMPLETED BY: Chris D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH June, 1994

Unit 1 was operating at or above 80% power until June 6, 1994, when the reactor automatically tripped during inclement weather due to contact between metal facia and the 1A transformer causing it to short out. Unit 1 remained off-line until June 11, 1994. On June 11, power was increased and held at 30% power to perform Nuclear Delta T calculations. Once the Nuclear Delta T calculations were performed, the Unit continued to increase in power, but was held at 60% power to repair problems with the Turbine Cooling Water Pump. On June 12, 1994, Unit 1 increased to about 70% power, where it held for waterbox cleaning until June 14, 1994. Unit 1 again increased in power on June 15, 1994, and operated at or above 80% 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.



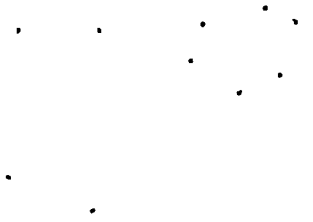
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389  
UNIT: St. Lucie #2  
DATE: 7/12/94  
COMPLETED BY: Chris D. White  
TELEPHONE: (407) 468-4248

MONTH June, 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

06/01/94	820
06/02/94	821
06/03/94	820
06/04/94	819
06/05/94	775
06/06/94	764
06/07/94	765
06/08/94	792
06/09/94	804
06/10/94	784
06/11/94	753
06/12/94	740
06/13/94	741
06/14/94	772
06/15/94	784
06/16/94	739
06/17/94	408
06/18/94	401
06/19/94	412
06/20/94	475
06/21/94	534
06/22/94	582
06/23/94	604
06/24/94	715
06/25/94	841
06/26/94	845
06/27/94	847
06/28/94	851
06/29/94	848
06/30/94	850



OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 7/12/94  
 COMPLETED BY C. D. WHITE  
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JUNE 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: _____	720	4343	95520.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	2712.4	79876.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	720.0	2602.7	78498.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1729694	6621120	203582045
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	553520	2134660	67644210
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	520937	1996588	63897759
19. UNIT SERVICE FACTOR _____	100.0	59.9	82.2
20. UNIT AVAILABILITY FACTOR _____	100.0	59.9	82.2
21. CAPACITY FACTOR (USING MDC NET) _____	86.2	54.8	80.7
22. CAPACITY FACTOR (USING DER NET) _____	87.2	55.4	81.1
23. UNIT FORCED OUTAGE RATE _____	0.0	4.4	7.3
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: 07/12/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JUNE, 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
9	940616	6	0.0	B	1	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: 7/12/94  
COMPLETED BY: Chris D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH June, 1994

Unit 2 operated at or above 80% power from the beginning of the month until June 17, 1994, when it decreased in power for waterbox cleaning until June 23, 1994. On June 24, 1994, the Unit increased in power 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.