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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 Jul 1994 for St Lucie Units 1 & 2.W/940812 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 12, 1994

L-94-204  
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 July, 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,

*C. L. Swanton for*  
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 #1182-94

100095  
9408220100 940731  
PDR ADDCK 05000335  
R PDR

an FPL Group company

*IF 24*  
||

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE : 07/12/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

MONTH JULY, 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

7/01/94	854
7/02/94	853
7/03/94	854
7/04/94	853
7/05/94	852
7/06/94	852
7/07/94	849
7/08/94	849
7/09/94	850
7/10/94	850
7/11/94	852
7/12/94	853
7/13/94	849
7/14/94	847
7/15/94	847
7/16/94	845
7/17/94	836
7/18/94	832
7/19/94	834
7/20/94	830
7/21/94	763
7/22/94	491
7/23/94	479
7/24/94	643
7/25/94	847
7/26/94	843
7/27/94	846
7/28/94	849
7/29/94	852
7/30/94	851
7/31/94	848

OPERATING DATA REPORT

DOCKET NO 50 - 335  
 DATE 8/12/94  
 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: JULY, 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	5087	154367.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	4929.5	120459.6
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	4804.3	119159.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1943082	12671774	308437075
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	639520	4151460	101764750
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	606103	3926271	96184633
19. UNIT SERVICE FACTOR _____	100.0	94.4	77.2
20. UNIT AVAILABILITY FACTOR _____	100.0	94.4	77.2
21. CAPACITY FACTOR (USING MDC NET) _____	97.1	92.0	76.6
22. CAPACITY FACTOR (USING DER NET) _____	98.2	93.0	75.9
23. UNIT FORCED OUTAGE RATE _____	0.0	5.6	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : UNIT 1 CYCLE 13 REFUELING OUTAGE SCHEDULED TO BEGIN OCTOBER 31, 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: 08/12/94  
 COMPLETED BY: C. D. WHITE  
 TELEPHONE: (407) 468-4248

REPORT MONTH JULY, 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
12	940721	F	0.0	B	1	N/A	HF	PUMPXX	Unit 1 reduced power due to a leak on the discharge side of the 1A2 Circulating 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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335  
UNIT: St. Lucie #1  
DATE: 07/12/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

REPORT MONTH JULY, 1994

From July 1 through July 20, 1994, Unit 1 operated at or above 80% power. On July 21, the Unit reduced power due to a leak on the discharge side of the 1A2 Circulating Water Pump. Unit 1 remained at reduced power through July 24, 1994 to repair the leak and returned to full power on July 25, 1994. The Unit 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: 07/12/94  
COMPLETED BY: C.D. White  
TELEPHONE: (407) 468-4248

MONTH JULY, 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

7/01/94	853
7/02/94	850
7/03/94	849
7/04/94	847
7/05/94	844
7/06/94	843
7/07/94	841
7/08/94	841
7/09/94	770
7/10/94	92
7/11/94	835
7/12/94	842
7/13/94	839
7/14/94	309
7/15/94	52
7/16/94	818
7/17/94	830
7/18/94	825
7/19/94	827
7/20/94	826
7/21/94	823
7/22/94	824
7/23/94	826
7/24/94	835
7/25/94	833
7/26/94	820
7/27/94	830
7/28/94	833
7/29/94	837
7/30/94	837
7/31/94	803

OPERATING DATA REPORT

DOCKET NO 50 - 389  
 DATE 8/12/94  
 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: JULY, 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	5087	96264.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	718.7	3431.1	80594.7
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	696.0	3298.7	79194.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1848068	8469189	205430114
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	603050	2737710	68247260
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	569495	2566083	64467254
19. UNIT SERVICE FACTOR _____	93.5	64.8	82.3
20. UNIT AVAILABILITY FACTOR _____	93.5	64.8	82.3
21. CAPACITY FACTOR (USING MDC NET) _____	91.2	60.1	80.8
22. CAPACITY FACTOR (USING DER NET) _____	92.2	60.8	81.2
23. UNIT FORCED OUTAGE RATE _____	6.5	4.8	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 JULY, 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
10	940709	F	15.73	B	1	N/A	IF	INSTRU	Unit 2 decreased power and was taken off-line due to a problem with instrumentation on the 2B1 Reactor Coolant Pump (RCP).
11	940714	F	32.28	B	1	N/A	IA	CKTBRK	Unit 2 reduced power and was manually shutdown due to a problem with Reactor Protection System (RPS) Trip Circuit Breaker (TCB) No. 5.

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

REPORT MONTH JULY, 1994

Unit 2 operated at or above 80% power from July 1 through July 9, 1994. On July 9, the Unit began to decrease power due to a problem with instrumentation on the 2B1 Reactor Coolant Pump (RCP). On July 10 Unit 2 was taken off-line to repair the instrumentation; the Unit returned to full power on July 11, 1994. From July 11 to July 13, Unit 2 operated at or above 80% power. Due to a problem with a Reactor Protection System (RPS) Trip Circuit Breaker (TCB), the Unit reduced power and was manually shutdown on July 14, 1994. Unit 2 remained off-line through July 15, was returned to full power on July 16, 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.