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ACCESSION NBR: 9008210157 DOC. DATE: 90/07/31 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
 HOLT, J.W. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly ~~operating~~ repts for Jul 1990 for St Lucie Units
 1 & 2.W/900813 ltr.

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FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

AUG 13 1990

L-90-295

10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

RE: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Attached are the July 1990 Operating Status and Summary of
Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

D. A. SAGER .

By

H. J. Boissy

D. A. Sager
Vice President
St. Lucie Plant

DAS/JWH

Attachments

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

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PDR ADOCK 05000335
R PDC

an FPL Group company

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE 8/13/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

MONTH JULY, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

07/01/90	859
07/02/90	430
07/03/90	0
07/04/90	0
07/05/90	0
07/06/90	0
07/07/90	0
07/08/90	0
07/09/90	0
07/10/90	0
07/11/90	0
07/12/90	0
07/13/90	0
07/14/90	0
07/15/90	0
07/16/90	0
07/17/90	0
07/18/90	0
07/19/90	0
07/20/90	0
07/21/90	0
07/22/90	0
07/23/90	0
07/24/90	0
07/25/90	0
07/26/90	0
07/27/90	0
07/28/90	0
07/29/90	0
07/30/90	0
07/31/90	0

OPERATING DATA REPORT

DOCKET NO 50 - 335
DATE 8/15/90
COMPLETED BY J. W. HOLT
TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JULY, 1990
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	119303.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	38.1	2075.6	89464.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	37.3	2010.2	88647.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	98336	5091067	228048707
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	32900	1699610	75142680
18. NET ELECTRICAL ENERGY GENERATED (MWH)	25579	1585809	70984674
19. UNIT SERVICE FACTOR	5.0	39.5	74.3
20. UNIT AVAILABILITY FACTOR	5.0	39.5	74.3
21. CAPACITY FACTOR (USING MDC NET)	4.1	37.2	73.9
22. CAPACITY FACTOR (USING DER NET)	4.1	37.6	72.8
23. UNIT FORCED OUTAGE RATE	94.9	30.5	4.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 08/06/90

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335

UNIT NAME ST. LUCIE #1

DATE 8/13/90

COMPLETED BY J. W. HOLT

TELEPHONE 407-465-3550

REPORT MONTH JULY 1990

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
09	900702	F	2.5	A	5	N/A	CA	PUMPXX	Unit 1 reduced power for RCP seal leakage.
10	900702	F	706.6	A	1	N/A	CA	PUMPXX	Unit 1 taken off line to repair a leaking RCP seal.

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 Scheets 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 8/13/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH JULY, 1990

On June 2, 1990 Unit 1 had a power reduction and was taken off line due to a Reactor Coolant Pump (RCP) seal leak. The unit was off line the remainder of the month for RCP seal repair.

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 8/13/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

MONTH JULY, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

07/01/90	855
07/02/90	856
07/03/90	856
07/04/90	854
07/05/90	852
07/06/90	851
07/07/90	853
07/08/90	852
07/09/90	847
07/10/90	844
07/11/90	843
07/12/90	846
07/13/90	852
07/14/90	857
07/15/90	859
07/16/90	858
07/17/90	855
07/18/90	854
07/19/90	851
07/20/90	849
07/21/90	851
07/22/90	852
07/23/90	852
07/24/90	846
07/25/90	839
07/26/90	806
07/27/90	657
07/28/90	845
07/29/90	846
07/30/90	846
07/31/90	848

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE 8/13/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH JULY, 1990

On July 26, 1990 Unit 2 reduced power for condenser waterbox cleaning. After cleaning was complete, Unit 2 was returned to full power.

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389
 UNIT NAME ST. LUCIE #2
 DATE 8/13/90
 COMPLETED BY J. W. HOLT
 TELEPHONE 407-465-3550

REPORT MONTH JULY 1990

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
07	900726	S	23.0	B	5	N/A	HF	TURBIN	Unit 2 reduced power for condenser 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 Scheets Licensee Event Report (LER) File (NUREG-0161)
 5
 Exhibit 1 - Same Source

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 8/15/90
 COMPLETED BY J. W. HOLT
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JULY, 1990
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	61200.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	4847.5	53016.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	744.0	4808.2	52162.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1993694	12777265	136574661
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	661170	4253040	45504950
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	627114	4028568	43041682
19. UNIT SERVICE FACTOR _____	100.0	94.5	85.2
20. UNIT AVAILABILITY FACTOR _____	100.0	94.5	85.2
21. CAPACITY FACTOR (USING MDC NET) _____	100.5	94.4	85.7
22. CAPACITY FACTOR (USING DER NET) _____	101.6	95.4	85.6
23. UNIT FORCED OUTAGE RATE _____	0.0	5.5	5.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 9/15/90; 64 DAYS, REFUELING _____			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____