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ACCESSION NBR: 9110240239	DOC. DATE: 91/09/30	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		
BREEN, J.J.	Florida Power & Light Co.		
SAGER, D.A.	Florida Power & Light Co.		
RECIP. NAME	RECIPIENT AFFILIATION		

SUBJECT: Monthly operating repts for Sept 1991 for St Lucie Units 1 & 2. W/911013 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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OCT 13 1991

L-91-269
10 CFR 50.36

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

Gentlemen:

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

Attached are the September 1991 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Should you have any questions on this information, please contact us.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS:JJB:kw

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

Attachments

DAS/PSL #534-91

9110240239 910930
PDR ADOCK 05000335
R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE OCT 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH SEPTEMBER, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

9/ 1/91	849
9/ 2/91	847
9/ 3/91	845
9/ 4/91	845
9/ 5/91	846
9/ 6/91	847
9/ 7/91	844
9/ 8/91	840
9/ 9/91	838
9/10/91	839
9/11/91	838
9/12/91	835
9/13/91	779
9/14/91	565
9/15/91	833
9/16/91	842
9/17/91	840
9/18/91	357
9/19/91	221
9/20/91	844
9/21/91	839
9/22/91	839
9/23/91	840
9/24/91	838
9/25/91	841
9/26/91	842
9/27/91	840
9/28/91	839
9/29/91	839
9/30/91	837



OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE OCT 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: SEPTEMBER 1991
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	6551	129527.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	695.9	6449.7	99408.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	693.4	6425.4	98529.7
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1838346	16858756	254100810
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	603120	5589500	83798140
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	570852	5295173	79187915
19. UNIT SERVICE FACTOR _____	96.3	98.1	76.1
20. UNIT AVAILABILITY FACTOR _____	96.3	98.1	76.1
21. CAPACITY FACTOR (USING MDC NET) _____	94.5	96.3	75.7
22. CAPACITY FACTOR (USING DER NET) _____	95.5	97.4	74.7
23. UNIT FORCED OUTAGE RATE _____	3.7	1.3	4.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 10/18/91; REFUELING 63 DAYS _____			

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	OCT 13 1991
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 465-3550

REPORT MONTH SEPTEMBER, 1991

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
22	910913	S	0.0	B	5	N/A	HF	XXXXXX	Unit 1 downpowered for cleaning of the 1B1 waterbox.
23	910918	F	5.3	G	3	LER 91-06	RB	CKTBRK	Unit 1 automatically tripped due to operator error while synchronizing the MG Sets.
23	910918	F	21.25	A	4	N/A	IF	XXXXXX	Delays with the H2 Analyzer were experienced when Unit 1 attempted to increase power.

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 I - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE OCT 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH SEPTEMBER, 1991

From September 13, 1991, to September 14, 1991, Unit 1 downpowered for cleaning of the 1B1 waterbox. Upon completion of waterbox cleaning, Unit 1 increased power on September 15, 1991, and remained there until September 18, 1991. On September 18, 1991, an automatic reactor trip caused by operator error occurred. Improper synchronizing of the MG Sets was the root cause and this event will be reported in LER 91-06. In an attempt to bring Unit 1 up in power, delays with the H2 Analyzer were experienced. On September 20, 1991, Unit 1 was at full power and remained there for the rest 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 OCT 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH SEPTEMBER , 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

9/ 1/91	844
9/ 2/91	842
9/ 3/91	841
9/ 4/91	673
9/ 5/91	560
9/ 6/91	652
9/ 7/91	840
9/ 8/91	840
9/ 9/91	842
9/10/91	856
9/11/91	853
9/12/91	854
9/13/91	853
9/14/91	855
9/15/91	852
9/16/91	854
9/17/91	852
9/18/91	853
9/19/91	855
9/20/91	853
9/21/91	850
9/22/91	852
9/23/91	835
9/24/91	849
9/25/91	855
9/26/91	857
9/27/91	856
9/28/91	855
9/29/91	855
9/30/91	854



OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE OCT 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: SEPTEMBER 1991
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	6551	71424.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	6551.0	61411.3
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	720.0	6551.0	60395.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1902571	17462005	158251086
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	629200	5861130	52758050
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	596240	5562055	49896158
19. UNIT SERVICE FACTOR _____	100.0	100.0	84.6
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	84.6
21. CAPACITY FACTOR (USING MDC NET) _____	98.7	101.2	84.7
22. CAPACITY FACTOR (USING DER NET) _____	99.8	102.3	84.9
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	5.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-389
UNIT NAME	ST LUCIE UNIT 2
DATE	OCT 13 1991
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 465-3550

REPORT MONTH SEPTEMBER, 1991

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
3	910904	S	0.0	B	5	N/A	HF	XXXXXX	Unit 2 downpowered 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. 50-389
UNIT St. Lucie #2
DATE OCT 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH SEPTEMBER, 1991

From September 4, 1991, to September 6, 1991, Unit 2 downpowered for waterbox cleaning. On September 6, 1991, Unit 2 increased power and remained at full power for the rest 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.