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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
 BREEN, J.J. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for May 1993 for St Lucie, units 1 & 2. W/ (930614) ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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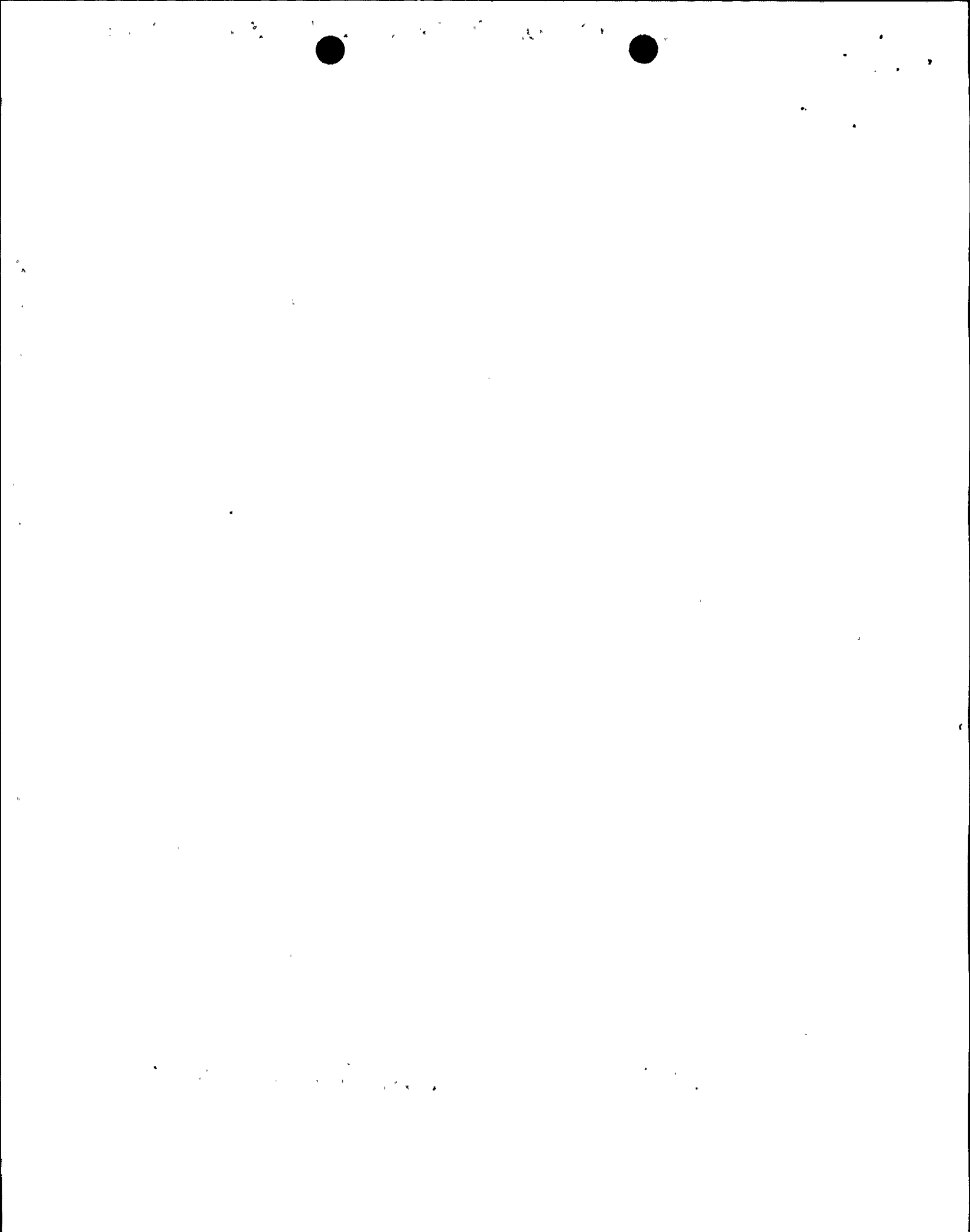
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P.O. Box 128, Ft. Pierce, FL 34954-0128

June 14, 1993

9306210399 930531
PDR ADOCK 05000335
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L-93-152
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 May, 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:JJB:kw

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

Attachments

DAS/PSL #930-93

210025

an FPL Group company

IERA
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE JUN 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

MONTH MAY, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
5/01/93	-2
5/02/93	-2
5/03/93	-4
5/04/93	-3
5/05/93	-4
5/06/93	-4
5/07/93	-3
5/08/93	-3
5/09/93	-3
5/10/93	-4
5/11/93	-4
5/12/93	-4
5/13/93	-4
5/14/93	-4
5/15/93	-4
5/16/93	-4
5/17/93	-4
5/18/93	-4
5/19/93	-4
5/20/93	-4
5/21/93	-4
5/22/93	-5
5/23/93	-6
5/24/93	-20
5/25/93	-21
5/26/93	-26
5/27/93	-30
5/28/93	-30
5/29/93	-30
5/30/93	-28
5/31/93	-10

02-80

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OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE JUN 14 1993
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: MAY 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: _____	744	3623	144143.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	32.4	2121.3	110791.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	0.0	2088.4	109763.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	0	5558385	283894095
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	0	1848150	93708050
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	-6703	1744324	88570194
19. UNIT SERVICE FACTOR _____	0.0	57.6	76.1
20. UNIT AVAILABILITY FACTOR _____	0.0	57.6	76.2
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	57.4	75.7
22. CAPACITY FACTOR (USING DER NET) _____	0.0	58.0	74.9
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : UNIT 1 SHUTDOWN AT THE END OF THE MONTH _____			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 6/14/93_

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-335
UNIT NAME	ST LUCIE UNIT 1
DATE	JUN 14 1993
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH MAY, 1993

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
5	930329	S	744	C	4	LER 93-05	RB	VESSEL	Unit 1 was shutdown for refueling. During post refueling outage low power physics testing it was determined that a CEA was potentially unlatched from its drive mechanism.

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

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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE JUN 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH MAY, 1993

Unit 1 was in a refueling outage for the month of May, 1993. On May 30, 1993, during post refueling outage low power physics testing, it was determined that a CEA was potentially unlatched from its drive mechanism. The reactor was shutdown, cooled down and the reactor head was removed for inspection. The reactor was shutdown for the remainder of the month. This event will be reported by Licensee Event Report (LER) 93-05.

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.

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE JUN 14 1993
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: MAY 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: _____	744	3623	86040.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	625.2	1634.8	72039.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	620.7	1621.0	70826.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1574263	4199672	185564674
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	516980	1387770	61867420
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	484716	1293940	58485682
19. UNIT SERVICE FACTOR _____	83.4	44.7	82.3
20. UNIT AVAILABILITY FACTOR _____	83.4	44.7	82.3
21. CAPACITY FACTOR (USING MDC NET) _____	77.7	42.6	82.2
22. CAPACITY FACTOR (USING DER NET) _____	78.5	43.0	82.4
23. UNIT FORCED OUTAGE RATE _____	16.6	55.3	7.8
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	JUN 14 1993
COMPLETED BY	J. J. BREEN
TELEPHONE	(407) 468-4248

REPORT MONTH MAY, 1993

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
6	930517	F	0.0	B	5	N/A	HC	HTEXCH	Unit 2 was downpowered to approximately 75% power to investigate a potential condenser tube leak.
6	930521	F	123.25	A	2	LER 93-07	RB	ELECON	Unit 2 was manually tripped when several Control Element Assemblies dropped due to an electrical grounding problem.
7	930526	F	0.0	B	1	N/A	HA	VALVEX	Unit 2 was held at approximately 20% power to repair a DEH leak in governor valve #2.
8	930527	S	0.0	B	1	N/A	HF	XXXXXX	Unit 2 was held at approximately 80% to 85% 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. 50-389
UNIT St. Lucie #2
DATE JUN 14 1993
COMPLETED BY J.J. Breen
TELEPHONE (407) 468-4248

REPORT MONTH MAY, 1993

From May 1, 1993, until May 16, 1993, Unit 2 was at 100% power. On May 17, 1993, Unit 2 was downpowered to approximately 75% power to investigate a potential condenser tube leak. On May 21, 1993, Unit 2 was being held at approximately 72% power when the Unit was manually tripped due to the dropping of several Control Element Assemblies (CEA's). It was determined that the dropping of the CEA's were caused by an electrical grounding problem; this event will be reported by Licensee Event Report (LER) 93-07. On May 26, 1993, the CEA electrical grounding problem was corrected, the potential condenser tube leak disappeared and the Unit was placed online. The Unit was held at approximately 20% power to repair a DEH leak on governor valve #2 of the turbine. Repairwork was completed on May 26, 1993, and Unit 2 was increased in power. From May 27, 1993, until May 28, 1993, Unit 2 was held at approximately 80% to 85% power for waterbox cleaning. On May 29, 1993, Unit 2 was at 100% 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.

20-1-2023