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ACCESSION NBR: 9602220161 DOC.DATE: 96/01/31 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
ROGERS, J.A. Florida Power & Light Co.
BOHLKE, W.H. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1996 for St Lucie.W/960214
ltr.

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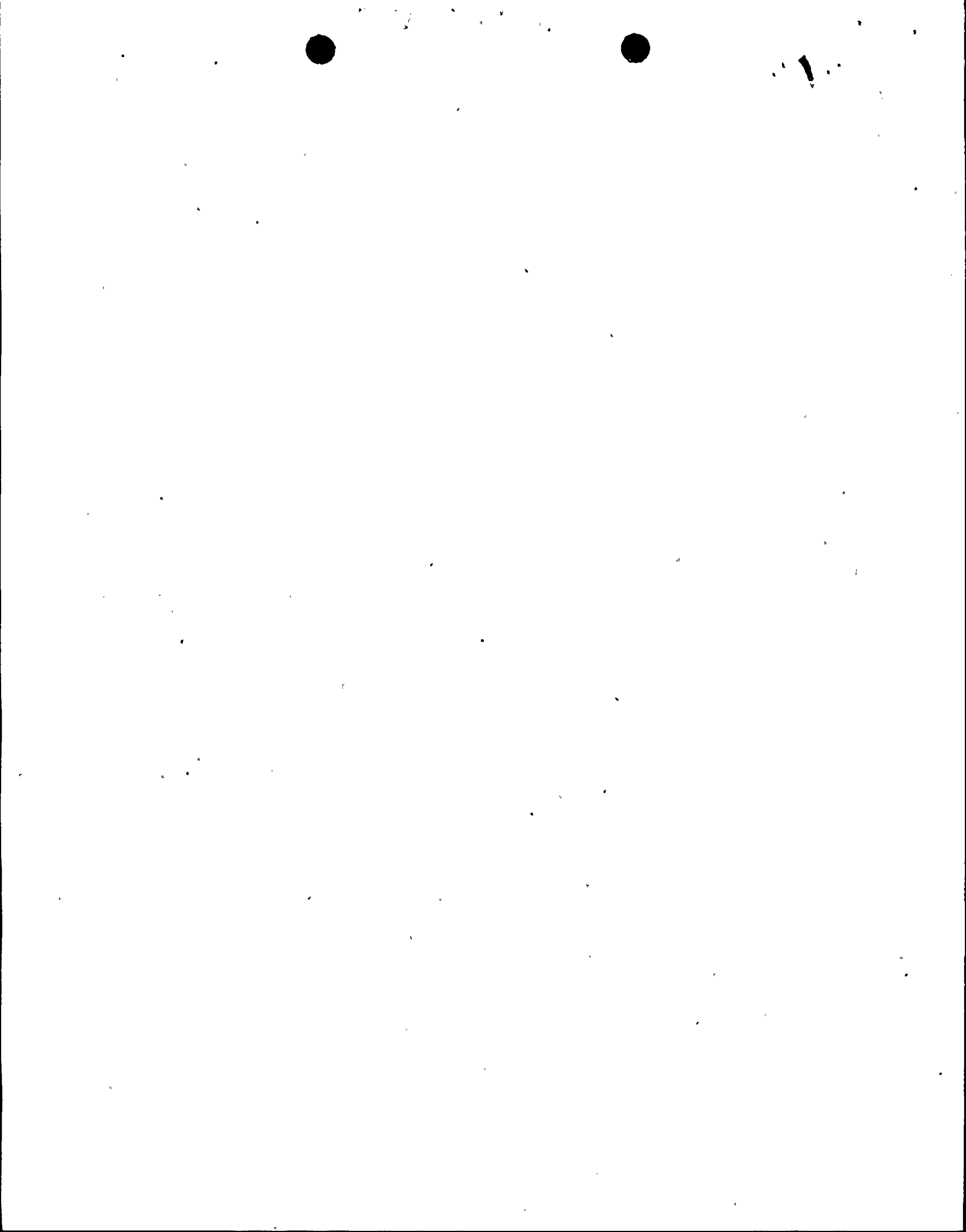
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L-96-32
10 CFR 50.36

FEB 14 1996

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

Pursuant to Technical Specification 6.9.1.6, attached are the January 1996 Operating Data Report, Summary of Operating Experience Reports, Average Daily Unit Power Level, and Unit Shutdowns and Power Reductions for St. Lucie Units 1 and 2.

Should there be any questions on this information, please contact us.

Very truly yours,

W. H. Bohlke
Vice President
St. Lucie Plant

WHB/SL

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

Attachments

9602220161 960131
PDR ADOCK 05000335
R PDR

220012

JE24

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 2/ 9/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JANUARY 1996
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	744	167544.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	744.0	130784.0
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	744.0	744.0	129365.6
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1999024	1999024	335475813
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	650250	650250	110639270
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	616642	616642	104561915
19. UNIT SERVICE FACTOR _____	100.0	100.0	77.2
20. UNIT AVAILABILITY FACTOR _____	100.0	100.0	77.2
21. CAPACITY FACTOR (USING MDC NET) _____	98.8	98.8	76.5
22. CAPACITY FACTOR (USING DER NET) _____	99.9	99.9	76.0
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	5.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : _____ Refueling and Maintenance - April 29, 1996 _____ _____			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: February 13, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH January, 1996

Unit 1 operated at essentially full power for the entire month. The unit reduced power for repair of a feedwater valve on January 19 and for waterbox cleaning on January 23.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : Feb.13, 1996
COMPLETED BY: J.A.ROGERS
TELEPHONE: (407) 467-7296

MONTH January, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
01/01/96	833
01/02/96	826
01/03/96	829
01/04/96	829
01/05/96	825
01/06/96	830
01/07/96	829
01/08/96	833
01/09/96	839
01/10/96	839
01/11/96	837
01/12/96	840
01/13/96	834
01/14/96	839
01/15/96	839
01/16/96	836
01/17/96	831
01/18/96	822
01/19/96	814
01/20/96	815
01/21/96	818
01/22/96	823
01/23/96	806
01/24/96	739
01/25/96	848
01/26/96	847
01/27/96	843
01/28/96	843
01/29/96	840
01/30/96	838
01/31/96	829

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: February 13, 1996
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH January, 1996

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
1	1/19/96	F	0.0	A	5	N/A	HH	VALVES	Unit 1 reduced power to repair Feedwater Valve LCV-24-A.
2	1/23/96	S	0.0	B	5	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

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 2/ 9/96
 FPL LICENSING GROUP - JUNO
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JANUARY 1996
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	744	109441.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	700.9	700.9	91571.5
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	600.8	600.8	90039.5
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1490632	1490632	233953354
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	494400	494400	77555070
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	462636	462636	73253304
19. UNIT SERVICE FACTOR _____	80.8	80.8	82.3
20. UNIT AVAILABILITY FACTOR _____	80.8	80.8	82.3
21. CAPACITY FACTOR (USING MDC NET) _____	74.1	74.1	80.6
22. CAPACITY FACTOR (USING DER NET) _____	74.9	74.9	81.1
23. UNIT FORCED OUTAGE RATE _____	7.0	7.0	6.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: February 13, 1996
COMPLETED BY: J.A. ROGERS
TELEPHONE: (407) 467-7296

REPORT MONTH January, 1996

Unit 2 remained off line for Cycle 9 refueling until January 5 when it returned to service and operated at reduced power for reactor startup physics testing. During power ascension, the unit was manually tripped due to a failed temperature control valve on the generator hydrogen cooling system. When the unit was returned to service on January 7, reactor power ascension was resumed. On January 8, power was held at approximately 43 percent to repair the 2A Main Feedwater Pump. Power ascension resumed January 9 and continued through January 10. The unit then operated at essentially 100 percent power for the remainder of the month.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: Feb.13, 1996
COMPLETED BY: J.A ROGERS
TELEPHONE: (407) 467-7296

MONTH January, 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
01/01/96	0
01/02/96	0
01/03/96	0
01/04/96	0
01/05/96	61
01/06/96	0
01/07/96	80
01/08/96	300
01/09/96	453
01/10/96	672
01/11/96	817
01/12/96	856
01/13/96	857
01/14/96	854
01/15/96	855
01/16/96	854
01/17/96	856
01/18/96	853
01/19/96	854
01/20/96	855
01/21/96	854
01/22/96	852
01/23/96	837
01/24/96	856
01/25/96	854
01/26/96	854
01/27/96	853
01/28/96	853
01/29/96	853
01/30/96	854
01/31/96	848

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE UNIT 2
 DATE: February 13, 1996
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (407) 467-7296

REPORT MONTH January, 1996

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
14	10/9/95	S	98.1	C	4	N/A	RB	VESSEL	Unit 2 off line for Cycle 9 refueling and maintenance.
1	1/5/96	S	0.0	B	5	N/A	RC	FUELXX	Unit 2 performing power ascension testing.
2	1/5/96	F	45.1	A	1	38996-001	HA	VALVES	Unit 2 removed from service to repair a heat exchanger control valve.
3	1/8/96	F	0.0	A	5	N/A	HH	PUMPXX	Unit 2 reduced power to repair 2A Main Feedwater Pump.
4	1/9/96	S	0.0	B	5	N/A	RC	FUELXX	Unit 2 performing power ascension testing.

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)

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