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 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
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 HOLT, J.W. Florida Power & Light Co.
 SAGAR, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jun 1990 for St Lucie Units 1 & 2.W/900713 ltr.

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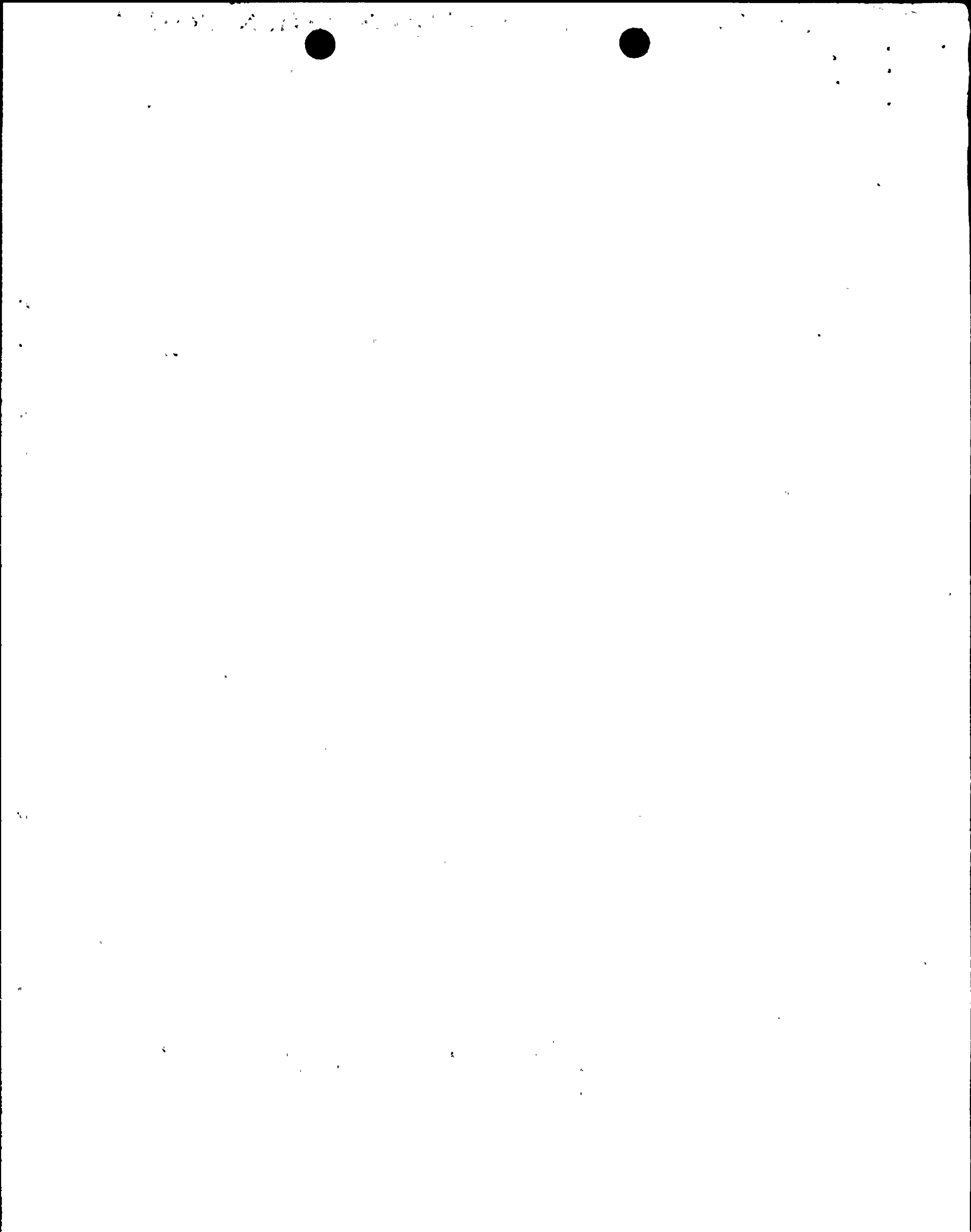
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JUL 13 1990

L-90-265
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 June 1990 Operating Status and Summary of
Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

DASager
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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TE2A
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

MONTH JUNE, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

6/ 1/90	861
6/ 2/90	858
6/ 3/90	860
6/ 4/90	865
6/ 5/90	865
6/ 6/90	860
6/ 7/90	856
6/ 8/90	858
6/ 9/90	860
6/10/90	863
6/11/90	867
6/12/90	862
6/13/90	859
6/14/90	167
6/15/90	603
6/16/90	856
6/17/90	857
6/18/90	853
6/19/90	854
6/20/90	855
6/21/90	856
6/22/90	854
6/23/90	803
6/24/90	845
6/25/90	806
6/26/90	787
6/27/90	786
6/28/90	783
6/29/90	807
6/30/90	852

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 7/12/90
 COMPLETED BY J. W. HOLT
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JUNE 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: _____	720	4343	118559.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	710.0	2037.5	89426.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	705.6	1972.8	88609.8
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1857161	4995369	227953009
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	617610	1666710	75109780
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	585985	1560230	70959095
19. UNIT SERVICE FACTOR _____	98.0	45.4	74.7
20. UNIT AVAILABILITY FACTOR _____	98.0	45.4	74.8
21. CAPACITY FACTOR (USING MDC NET) _____	97.0	42.8	74.4
22. CAPACITY FACTOR (USING DER NET) _____	98.1	43.3	73.2
23. UNIT FORCED OUTAGE RATE _____	2.0	8.2	3.6
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. 50-335

UNIT NAME ST. LUCIE # 1.

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH June, 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
08	900614	F	14.4	A	5	90-008	RB	CRDRVE	Unit 1 was taken off line to repair an unrecoverable Control Element Assembly. The cause of failure was an improperly installed fuse. Following repair the Unit was returned to 100% 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)

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Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH JUNE, 1990

On June 14, 1990 Unit 1 was taken off line due to an unrecoverable CEA. The root cause of CEA inoperability was due to personnel error during the installation of a power supply fuse. Following proper fuse installation, Unit 1 was returned to 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.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

MONTH JUNE, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

6/ 1/90	851
6/ 2/90	849
6/ 3/90	849
6/ 4/90	853
6/ 5/90	851
6/ 6/90	849
6/ 7/90	844
6/ 8/90	845
6/ 9/90	848
6/10/90	851
6/11/90	853
6/12/90	823
6/13/90	741
6/14/90	780
6/15/90	849
6/16/90	848
6/17/90	849
6/18/90	843
6/19/90	844
6/20/90	847
6/21/90	845
6/22/90	839
6/23/90	842
6/24/90	821
6/25/90	742
6/26/90	851
6/27/90	848
6/28/90	819
6/29/90	763
6/30/90	850

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 7/12/90
 COMPLETED BY J. W. HOLT
 TELEPHONE 407/465/3550

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JUNE 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: _____	720	4343	60456.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	720.0	4103.5	52272.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	720.0	4064.2	51418.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1915831	10783570	134580966
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	632560	3591870	44843780
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	599651	3401454	42414568
19. UNIT SERVICE FACTOR _____	100.0	93.6	85.1
20. UNIT AVAILABILITY FACTOR _____	100.0	93.6	85.1
21. CAPACITY FACTOR (USING MDC NET) _____	99.3	93.3	85.5
22. CAPACITY FACTOR (USING DER NET) _____	100.3	94.4	85.4
23. UNIT FORCED OUTAGE RATE _____	0.0	6.4	5.4
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 #2

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH June, 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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unit 2 had no Unit Shutdowns or Power Reductions to report this month.

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)

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Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE 7/12/90

COMPLETED BY J. W. Holt

TELEPHONE (407) 465-3550

REPORT MONTH JUNE, 1990

Unit 2

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



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