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ACCESSION NBR: 9108190202 DOC. DATE: 91/07/31 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
 BREEN, J.J. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jul 1991 for St. Lucie Units 1 & 2. W/910813 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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AUG 13 1991
L-91-224
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 July 1991 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

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

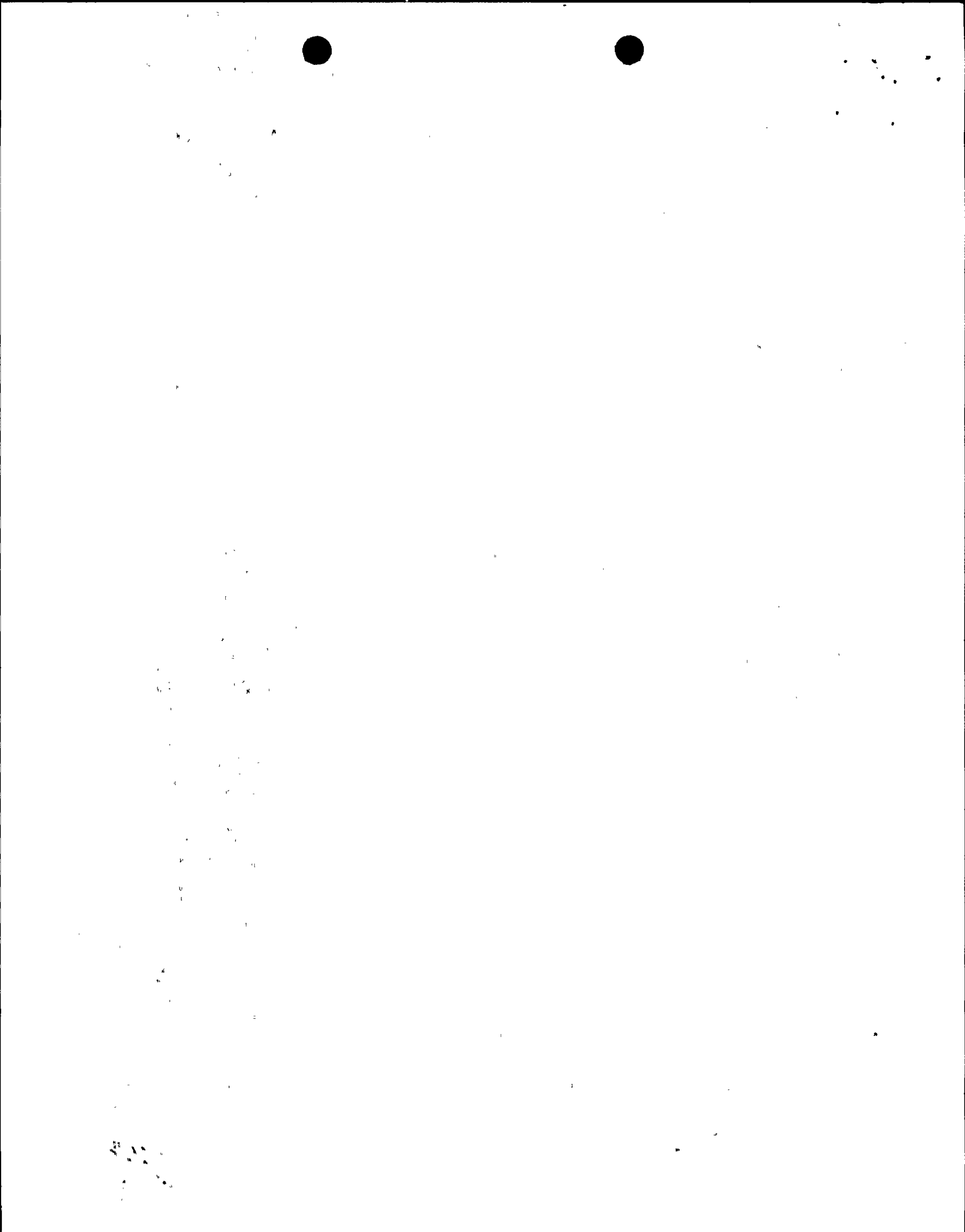
Attachments

DAS/PSL #497-91

190122

9108190202 910731
PDR ADOCK 05000335
R PDR





AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE AUG 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

MONTH JULY, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

| | |
|---------|-----|
| 7/ 1/91 | 392 |
| 7/ 2/91 | -35 |
| 7/ 3/91 | 497 |
| 7/ 4/91 | 851 |
| 7/ 5/91 | 855 |
| 7/ 6/91 | 849 |
| 7/ 7/91 | 844 |
| 7/ 8/91 | 841 |
| 7/ 9/91 | 800 |
| 7/10/91 | 599 |
| 7/11/91 | 742 |
| 7/12/91 | 846 |
| 7/13/91 | 845 |
| 7/14/91 | 841 |
| 7/15/91 | 844 |
| 7/16/91 | 841 |
| 7/17/91 | 832 |
| 7/18/91 | 792 |
| 7/19/91 | 690 |
| 7/20/91 | 841 |
| 7/21/91 | 837 |
| 7/22/91 | 823 |
| 7/23/91 | 715 |
| 7/24/91 | 596 |
| 7/25/91 | 732 |
| 7/26/91 | 845 |
| 7/27/91 | 838 |
| 7/28/91 | 796 |
| 7/29/91 | 660 |
| 7/30/91 | 753 |
| 7/31/91 | 864 |

OPERATING DATA REPORT

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

OPERATING STATUS

- 1. UNIT NAME: ST. LUCIE UNIT 1
- 2. REPORTING PERIOD: JULY, 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: _____ | 744 | 5087 | 128063.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL _____ | 713.4 | 5009.8 | 97968.3 |
| 13. REACTOR RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 205.3 |
| 14. HOURS GENERATOR ON-LINE _____ | 701.4 | 4987.9 | 97092.3 |
| 15. UNIT RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 39.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) _____ | 1786735 | 13047241 | 250289295 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____ | 586630 | 4334350 | 82542990 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) _____ | 553534 | 4106093 | 77998835 |
| 19. UNIT SERVICE FACTOR _____ | 94.3 | 98.1 | 75.8 |
| 20. UNIT AVAILABILITY FACTOR _____ | 94.3 | 98.1 | 75.8 |
| 21. CAPACITY FACTOR (USING MDC NET) _____ | 88.7 | 96.2 | 75.4 |
| 22. CAPACITY FACTOR (USING DER NET) _____ | 89.6 | 97.2 | 74.4 |
| 23. UNIT FORCED OUTAGE RATE _____ | 5.7 | 1.1 | 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 | AUG 13 1991 |
| COMPLETED BY | J. J. BREEN |
| TELEPHONE | (407) 465-3550 |

REPORT MONTH JULY, 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 |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 15 | 910701 | F | 18.52 | B | 3 | 91-05 | CH | INSTRU | Unit 1 automatically tripped on low steam generator level due to the loss of a steam generator feedwater regulatory controller. |
| 15 | 910702 | F | 15.43 | A | 4 | N/A | RB | CONROD | Unit 1 experienced Control Rod position indicator problems. |
| 15 | 910702 | F | 8.63 | A | 4 | N/A | CC | VALVEX | Unit 1 experienced turbine control valve problems while commencing up in power |
| 16 | 910703 | F | 0.0 | F | 1 | N/A | ZZ | ZZZZZZ | Unit 1 was held at 20% power for shift turnover. |

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

| | |
|--------------|-----------------|
| DOCKET NO. | 50-335 |
| UNIT NAME | ST LUCIE UNIT 1 |
| DATE | AUG 13 1991 |
| COMPLETED BY | J. J. BREEN |
| TELEPHONE | (407) 465-3550 |

REPORT MONTH JULY, 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 |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 17 | 910703 | S | 0.0 | B | 1 | N/A | IA | ZZZZZZ | Unit 1 was held at 40% power for Nuclear Instrumentation Calibration. |
| 18 | 910709 | S | 0.0 | B | 5 | N/A | HF | XXXXXX | Unit 1 downpowered for waterbox cleaning. |
| 19 | 910718 | S | 0.0 | B | 5 | N/A | HF | XXXXXX | Unit 1 downpowered for waterbox cleaning. |
| 20 | 910723 | S | 0.0 | B | 5 | N/A | HF | XXXXXX | Unit 1 downpowered for waterbox cleaning. |

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F Forced
S Scheduled

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A - Equipment failure (explain)
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C - Refueling
D - Regulatory restriction
E - Operator Training & License Examination
F - Administrative
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H - Other (Explain)

³
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
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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

UNIT SHUTDOWNS AND POWER REDUCTIONS

| | |
|--------------|-----------------|
| DOCKET NO. | 50-335 |
| UNIT NAME | ST LUCIE UNIT 1 |
| DATE | AUG 13 1991 |
| COMPLETED BY | J. J. BREEN |
| TELEPHONE | (407) 465-3550 |

REPORT MONTH JULY, 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 |
|-----|--------|-------------------|---------------------|---------------------|---|-------------------------------|-----------------------------|--------------------------------|---|
| 21 | 910729 | S | 0.0 | B | 5 | N/A | HF | XXXXXX | Unit 1 downpowered for waterbox cleaning. |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

¹
F Forced
S Scheduled

²
Reason
A - Equipment failure (explain)
B - Maintenance or Test
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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 AUG 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

REPORT MONTH JULY, 1991

On July 1, 1991, while the Unit was at full power the reactor automatically tripped on low steam generator level due to the loss of a steam generator feedwater regulatory controller. While commencing reactor startup on July 2, 1991, the Unit had difficulty with CEA #30 position indicator; after some troubleshooting CEA #30 was withdrawn and the Unit increased in power. The Unit then reduced in power when it experienced turbine control valve problems. On July 3, 1991, Unit 1 began to commence up in power and was held at 20% for shift turnover, the Unit was then held at 40% power for Nuclear Instrumentation Calibration. On July 4, 1991, Unit 1 was operating at full power.

The Unit downpowered periodically the rest of the month for waterbox cleaning.

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 AUG 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

MONTH JULY, 1991

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

| | |
|---------|-----|
| 7/ 1/91 | 857 |
| 7/ 2/91 | 860 |
| 7/ 3/91 | 860 |
| 7/ 4/91 | 862 |
| 7/ 5/91 | 863 |
| 7/ 6/91 | 861 |
| 7/ 7/91 | 861 |
| 7/ 8/91 | 859 |
| 7/ 9/91 | 861 |
| 7/10/91 | 860 |
| 7/11/91 | 861 |
| 7/12/91 | 859 |
| 7/13/91 | 859 |
| 7/14/91 | 858 |
| 7/15/91 | 861 |
| 7/16/91 | 860 |
| 7/17/91 | 857 |
| 7/18/91 | 857 |
| 7/19/91 | 857 |
| 7/20/91 | 857 |
| 7/21/91 | 856 |
| 7/22/91 | 848 |
| 7/23/91 | 852 |
| 7/24/91 | 859 |
| 7/25/91 | 863 |
| 7/26/91 | 860 |
| 7/27/91 | 858 |
| 7/28/91 | 856 |
| 7/29/91 | 859 |
| 7/30/91 | 863 |
| 7/31/91 | 865 |



Handwritten marks and characters in the top right corner, including what appears to be the number '2' and some illegible symbols.

OPERATING DATA REPORT

DOCKET NO 50 - 307
 DATE AUG 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JULY, 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: ----- | 744 | 5087 | 69960.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL ----- | 744.0 | 5087.0 | 59947.3 |
| 13. REACTOR RESERVE SHUTDOWN HOURS ----- | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON-LINE ----- | 744.0 | 5087.0 | 58931.3 |
| 15. UNIT RESERVE SHUTDOWN HOURS ----- | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) ----- | 2008766 | 13551938 | 154341019 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) ----- | 673090 | 4562440 | 51459360 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) ----- | 639030 | 4330546 | 48664649 |
| 19. UNIT SERVICE FACTOR ----- | 100.0 | 100.0 | 84.2 |
| 20. UNIT AVAILABILITY FACTOR ----- | 100.0 | 100.0 | 84.2 |
| 21. CAPACITY FACTOR (USING HDG NET) ----- | 102.4 | 101.5 | 84.4 |
| 22. CAPACITY FACTOR (USING DER NET) ----- | 103.5 | 102.6 | 84.5 |
| 23. UNIT FORCED OUTAGE RATE ----- | 0.0 | 0.0 | 5.4 |
| 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 AUG 13 1991
 COMPLETED BY J. J. BREEN
 TELEPHONE (407) 465-3550

REPORT MONTH JULY, 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 |
|-----|------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| | | | | | | | | | Unit 2 was at full power for the month of July. |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

¹
F Forced
S Scheduled

²
Reason
A - Equipment failure (explain)
B - Maintenance or Test
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2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

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Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

⁵
Exhibit 1 - Same Source

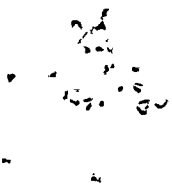
SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE AUG 13 1991
COMPLETED BY J.J. Breen
TELEPHONE (407) 465-3550

REPORT MONTH JULY, 1991

Unit 2 remained at full power for month of July.

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.



11-1-22