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

SUBJECT: Monthly operating repts for Nov 1992 for St Lucie, units 1 & 2. W/ 921214 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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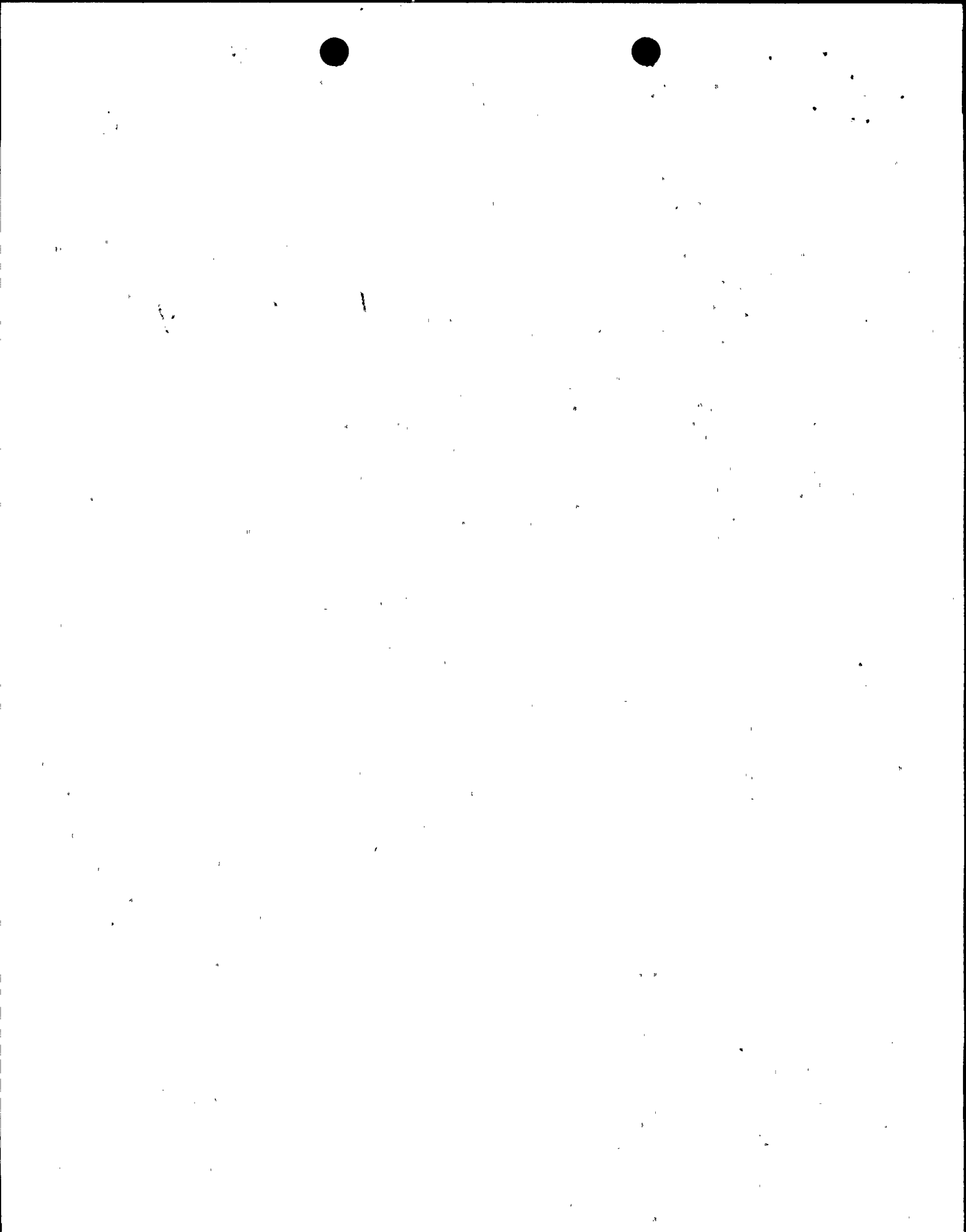
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December 14, 1992

L-92-332  
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 November, 1992, 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,

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 #827-92

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PDR ADOCK 05000335  
R7:100 PDR

1900/11/12

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH NOVEMBER, 1992

| DAY      | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|----------|--|
| 11/ 1/92 | 841                                    |
| 11/ 2/92 | 841                                    |
| 11/ 3/92 | 841                                    |
| 11/ 4/92 | 840                                    |
| 11/ 5/92 | 841                                    |
| 11/ 6/92 | 839                                    |
| 11/ 7/92 | 838                                    |
| 11/ 8/92 | 815                                    |
| 11/ 9/92 | 673                                    |
| 11/10/92 | 849                                    |
| 11/11/92 | 852                                    |
| 11/12/92 | 853                                    |
| 11/13/92 | 854                                    |
| 11/14/92 | 852                                    |
| 11/15/92 | 855                                    |
| 11/16/92 | 857                                    |
| 11/17/92 | 857                                    |
| 11/18/92 | 856                                    |
| 11/19/92 | 856                                    |
| 11/20/92 | 853                                    |
| 11/21/92 | 853                                    |
| 11/22/92 | 850                                    |
| 11/23/92 | 843                                    |
| 11/24/92 | 839                                    |
| 11/25/92 | 838                                    |
| 11/26/92 | 838                                    |
| 11/27/92 | 836                                    |
| 11/28/92 | 838                                    |
| 11/29/92 | 844                                    |
| 11/30/92 | 844                                    |

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: NOVEMBER 1992
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     | 8040     | 139776.0   |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL _____    | 720.0   | 7817.0   | 107926.6   |
| 13. REACTOR RESERVE SHUTDOWN HOURS _____          | 0.0     | 0.0      | 205.3      |
| 14. HOURS GENERATOR ON-LINE _____                 | 720.0   | 7735.6   | 106931.5   |
| 15. UNIT RESERVE SHUTDOWN HOURS _____             | 0.0     | 0.0      | 39.3       |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) _____    | 1930361 | 20627970 | 276355222  |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____ | 636950  | 6870900  | 91203720   |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) _____   | 604489  | 6519648  | 86203344   |
| 19. UNIT SERVICE FACTOR _____                     | 100.0   | 96.2     | 76.5       |
| 20. UNIT AVAILABILITY FACTOR _____                | 100.0   | 96.2     | 76.5       |
| 21. CAPACITY FACTOR (USING MDC NET) _____         | 100.1   | 96.7     | 76.1       |
| 22. CAPACITY FACTOR (USING DER NET) _____         | 101.2   | 97.7     | 75.2       |
| 23. UNIT FORCED OUTAGE RATE _____                 | 0.0     | 3.8      | 4.1        |
| 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. 50-335  
 UNIT NAME ST LUCIE UNIT 1  
 DATE \_\_\_\_\_  
 COMPLETED BY J. J. BREEN  
 TELEPHONE (407) 468-4248

REPORT MONTH NOVEMBER, 1992

| No. | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence                    |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 9   | 921108 | S                 | 0.0              | B                   | 5  | N/A                     | HF                       | XXXXXX                      | Unit 1 was downpowered for cleaning of the 1A1 and 1A2 waterboxes. |
|     |        |                   |                  |                     |  |                         |                          |                             |  |
|     |        |                   |                  |                     |  |                         |                          |                             |  |
|     |        |                   |                  |                     |  |                         |                          |                             |  |

<sup>1</sup>  
 F Forced  
 S Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continued  
 5 - Load Reduction  
 9 - Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit 1 - Same Source

SUMMARY OF OPERATING EXPERIENCE

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

REPORT MONTH NOVEMBER, 1992

The average daily power level for Unit 1 was 100% from November 1, 1992, until November 8, 1992. From November 8, 1992, until November 9, 1992, Unit 1 was downpowered to approximately 80% power for cleaning of the 1A1 and 1A2 waterboxes. On November 9, 1992, the Unit was returned to 100% power. The average daily power level for Unit 1 remained at 100% 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 \_\_\_\_\_  
COMPLETED BY J.J. Breen  
TELEPHONE (407) 468-4248

MONTH NOVEMBER, 1992

DAY                      AVERAGE DAILY POWER LEVEL  
  (Mwe-Net)

|          |     |
|----------|-----|
| 11/ 1/92 | 848 |
| 11/ 2/92 | 849 |
| 11/ 3/92 | 849 |
| 11/ 4/92 | 850 |
| 11/ 5/92 | 849 |
| 11/ 6/92 | 843 |
| 11/ 7/92 | 840 |
| 11/ 8/92 | 843 |
| 11/ 9/92 | 844 |
| 11/10/92 | 844 |
| 11/11/92 | 844 |
| 11/12/92 | 845 |
| 11/13/92 | 844 |
| 11/14/92 | 846 |
| 11/15/92 | 848 |
| 11/16/92 | 849 |
| 11/17/92 | 850 |
| 11/18/92 | 849 |
| 11/19/92 | 849 |
| 11/20/92 | 849 |
| 11/21/92 | 849 |
| 11/22/92 | 846 |
| 11/23/92 | 834 |
| 11/24/92 | 127 |
| 11/25/92 | -15 |
| 11/26/92 | -12 |
| 11/27/92 | -12 |
| 11/28/92 | -11 |
| 11/29/92 | -11 |
| 11/30/92 | -22 |

OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: NOVEMBER 1992
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     | 8040     | 81673.0    |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL _____    | 561.5   | 6255.8   | 69876.1    |
| 13. REACTOR RESERVE SHUTDOWN HOURS _____          | 0.0     | 0.0      | 0.0        |
| 14. HOURS GENERATOR ON-LINE _____                 | 557.6   | 6133.2   | 68737.5    |
| 15. UNIT RESERVE SHUTDOWN HOURS _____             | 0.0     | 0.0      | 0.0        |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) _____    | 1502070 | 16002849 | 180115455  |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____ | 496220  | 5337600  | 60063420   |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) _____   | 467943  | 5040680  | 56803527   |
| 19. UNIT SERVICE FACTOR _____                     | 77.4    | 76.3     | 84.2       |
| 20. UNIT AVAILABILITY FACTOR _____                | 77.4    | 76.3     | 84.2       |
| 21. CAPACITY FACTOR (USING MDC NET) _____         | 77.5    | 74.7     | 84.1       |
| 22. CAPACITY FACTOR (USING DER NET) _____         | 78.3    | 75.5     | 84.4       |
| 23. UNIT FORCED OUTAGE RATE _____                 | 22.6    | 4.7      | 5.1        |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :      |         |          |            |

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/16/92

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389  
 UNIT NAME ST LUCIE UNIT 2  
 DATE \_\_\_\_\_  
 COMPLETED BY J. J. BREEN  
 TELEPHONE (407) 468-4248

REPORT MONTH NOVEMBER, 1992

| No. | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence   |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 25  | 921124 | F                 | 0.0              | B                   | 5  | N/A                     | CI                       | VALVEX                      | Unit 2 was downpowered to repair pressurizer safety valve V1201.                        |
| 25  | 921124 | F                 | 162.4            | B                   | 4  | N/A                     | CI                       | VALVEX                      | Unit 2 was downpowered and then taken offline to repair pressurizer safety valve V1201. |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |

<sup>1</sup>  
 F Forced  
 S Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continued  
 5 - Load Reduction  
 9 - Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit 1 - Same Source



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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389  
UNIT St. Lucie #2  
DATE \_\_\_\_\_  
COMPLETED BY J.J. Breen  
TELEPHONE (407) 468-4248

REPORT MONTH NOVEMBER, 1992

From November 1, 1992, until November 24, 1992, the average power level of Unit 2 was 100%. On November 24, 1992, Unit 2 was downpowered and then taken offline to repair pressurizer safety valve V1201. As of the end of the month Unit 2 was offline.

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.



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