

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9705200374 DOC. DATE: 97/04/30 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.
STALL, J.A. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1997 for St Lucie Units 1 & 2.W/970513 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9
TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

| | RECIPIENT | | COPIES | | RECIPIENT | | COPIES | |
|-----------|-----------------------|--|--------|------|---------------|-----|--------|--|
| | ID CODE/NAME | | LTR | ENCL | ID CODE/NAME | LTR | ENCL | |
| | PD2-3 PD | | 1 | 1 | WIENS, L. | 1 | 1 | |
| INTERNAL: | ACBS | | 1 | 1 | AEOD/SPD/RRAB | 1 | 1 | |
| | FILE CENTER 01 | | 1 | 1 | NRR/DRPM/PECB | 1 | 1 | |
| | OC/DBA/PAD | | 1 | 1 | RGN2 | 1 | 1 | |
| EXTERNAL: | LITCO BRYCE, J H | | 1 | 1 | NOAC | 1 | 1 | |
| | NRC PDR | | 1 | 1 | | | | |

NOTE TO ALL "RIDS" RECIPIENTS:
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM
DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 11 ENCL 11

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T



May 13, 1997

L-97-129
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

Pursuant to Technical Specification 6.9.1.6, attached are the April 1997, Operating Data Report, Summary of Operating Experience Report, 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,

J. A. Stall
Vice President
St. Lucie Plant

JAS/spt

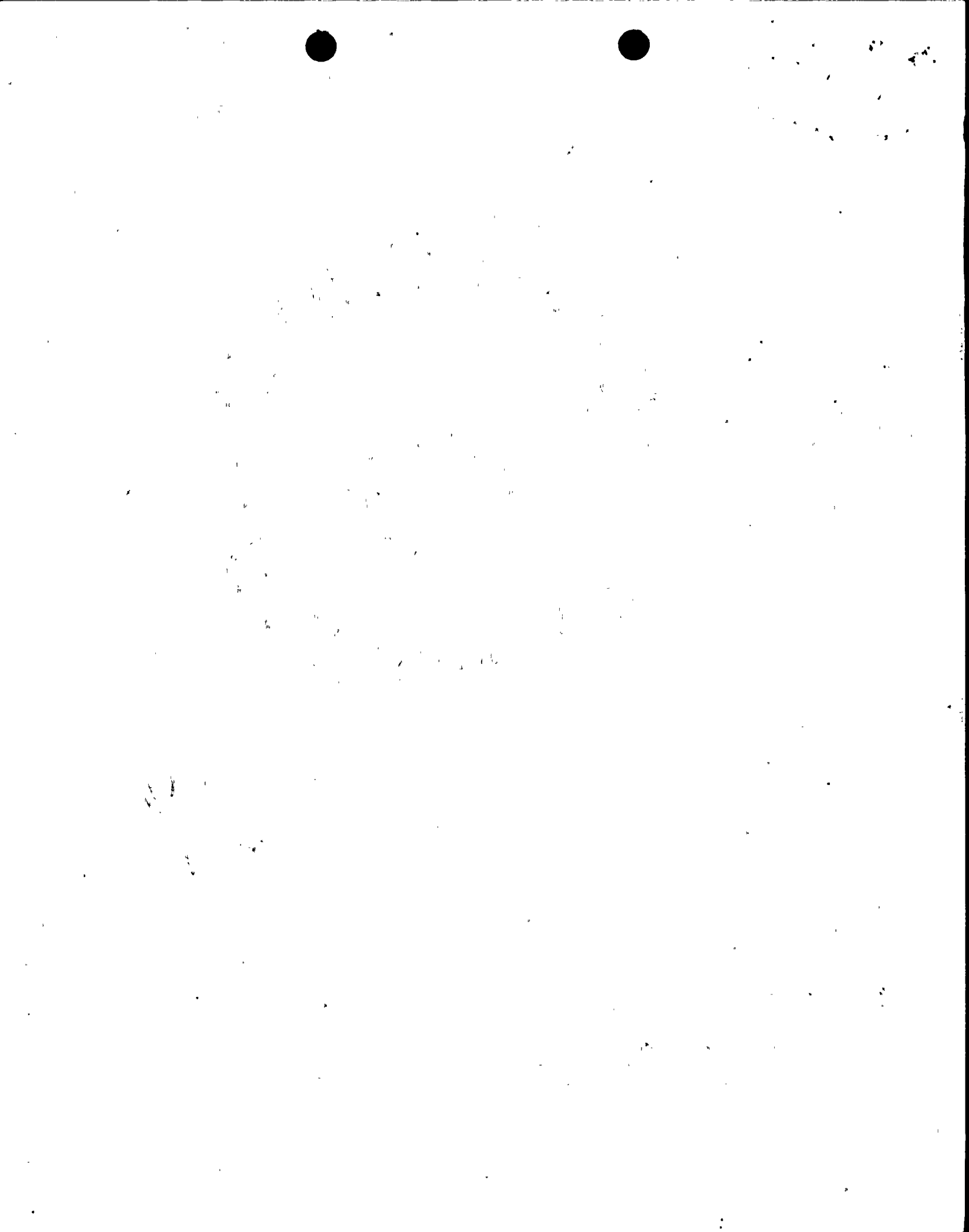
Attachments

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

9705200374 970430
PDR ADOCK 05000335
R PDR



200053



OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 05/05/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

-
1. UNIT NAME: ST. LUCIE UNIT 1
 2. REPORTING PERIOD: APRIL 1997
 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: _____ | 719.0 | 2879.0 | 178463.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL _____ | 627.9 | 2729.5 | 137397.1 |
| 13. REACTOR RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON LINE _____ | 619.6 | 2715.0 | 137812.1 |
| 15. UNIT RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) _____ | 1649689 | 7261144 | 357590127 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____ | 542390 | 2400630 | 117918660 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) _____ | 512156 | 2274828 | 111442141 |
| 19. UNIT SERVICE FACTOR _____ | 86.2 | 94.3 | 77.0 |
| 20. UNIT AVAILABILITY FACTOR _____ | 86.2 | 94.3 | 77.0 |
| 21. CAPACITY FACTOR (USING MDC NET) _____ | 84.9 | 94.2 | 74.4 |
| 22. CAPACITY FACTOR (USING DER NET) _____ | 85.8 | 95.2 | 75.2 |
| 23. UNIT FORCED OUTAGE RATE _____ | 13.8 | 5.7 | 5.0 |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: October 20, 1997 Refueling Outage

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



11
12
13
14
15

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: May 5, 1997
COMPLETED BY: J.A.ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH April, 1997

Unit 1 operated at full power through April 17. On April 18 the unit began downpower to repair a leak on the 1B2 Safety Injection Tank header vent valve V-3815. The unit was removed from service at 0031 on April 19. Mode 3 was entered at 0228. Mode 4 was entered at 1405. On April 20 at 0315 the unit entered Mode 5. On April 21 at 0540 Mode 4 was entered and Mode 3 at 1545. On April 22 Mode 2 was entered at 2136 and the reactor went critical at 2200. The unit entered Mode 1 at 0153 on April 23 and returned to service at 0355. Full power reached at 0600 on April 24.

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 Saint Lucie #1
DATE May 05, 1997
COMPLETED BY J.A. Rogers
TELEPHONE (561) 467 - 7296

MONTH April, 1997

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|----------|--|
| 04/01/97 | 844 |
| 04/02/97 | 845 |
| 04/03/97 | 845 |
| 04/04/97 | 845 |
| 04/05/97 | 845 |
| 04/06/97 | 844 |
| 04/07/97 | 844 |
| 04/08/97 | 843 |
| 04/09/97 | 842 |
| 04/10/97 | 842 |
| 04/11/97 | 844 |
| 04/12/97 | 844 |
| 04/13/97 | 844 |
| 04/14/97 | 843 |
| 04/15/97 | 844 |
| 04/16/97 | 845 |
| 04/17/97 | 848 |
| 04/18/97 | 789 |
| 04/19/97 | 0 |
| 04/20/97 | 0 |
| 04/21/97 | 0 |
| 04/22/97 | 0 |
| 04/23/97 | 452 |
| 04/24/97 | 840 |
| 04/25/97 | 844 |
| 04/26/97 | 839 |
| 04/27/97 | 840 |
| 04/28/97 | 840 |
| 04/29/97 | 842 |
| 04/30/97 | 843 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: May 5, 1997
 COMPLETED BY: J.A. Rogers
 TELEPHONE: (561) 467-7296

REPORT MONTH April, 1997

| 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 |
|-----|---------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 3 | 4/18/97 | F | 0.0 | A | 5 | N/A | CJ | ACCUMU | Unit downpowered due to leak on 1B2 Safety Injection Tank header valve. |
| 4 | 4/19/97 | F | 99.4 | A | 1 | 97-005 | CJ | ACCUMU | Unit 1 offline to repair leak on 1B2 Safety Injection Tank header valve. |

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 05/05/97
 FPL LICENSING GROUP - PSL
 TELEPHONE 561/467/7296

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: APRIL 1997
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: _____ | 719.0 | 2879.0 | 120360.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL _____ | 312.0 | 2472.0 | 101914.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 0.0 |
| 14. HOURS GENERATOR ON LINE _____ | 311.0 | 2471.0 | 100355.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS _____ | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) _____ | 822909 | 6582814 | 261433946 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____ | 268690 | 2158950 | 90597450 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) _____ | 253083 | 2045522 | 81812986 |
| 19. UNIT SERVICE FACTOR _____ | 43.3 | 85.8 | 83.4 |
| 20. UNIT AVAILABILITY FACTOR _____ | 43.3 | 85.8 | 83.4 |
| 21. CAPACITY FACTOR (USING MDC NET) _____ | 42.0 | 84.7 | 81.0 |
| 22. CAPACITY FACTOR (USING DER NET) _____ | 42.4 | 85.6 | 82.7 |
| 23. UNIT FORCED OUTAGE RATE _____ | 0.0 | 0.0 | 6.2 |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: _____

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: May 26, 1997

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: May 5, 1997
COMPLETED BY: J.A. ROGERS
TELEPHONE: (561) 467-7296

REPORT MONTH April, 1997

Unit 2 operated at full power through April 11. On April 12 the unit began to downpower for main steam safety valve testing, reaching approximately 82% power. At 1805 on April 13 the unit began further downpowering. At 0001 on April 14 the unit was removed from service for Cycle 10 refueling and maintenance.

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 Saint Lucie #2
DATE May 05, 1997
COMPLETED BY J.A. Rogers
TELEPHONE (561) 467 - 7296

MONTH April, 1997

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|----------|--|
| 04/01/97 | 837 |
| 04/02/97 | 838 |
| 04/03/97 | 837 |
| 04/04/97 | 838 |
| 04/05/97 | 837 |
| 04/06/97 | 838 |
| 04/07/97 | 837 |
| 04/08/97 | 836 |
| 04/09/97 | 835 |
| 04/10/97 | 837 |
| 04/11/97 | 836 |
| 04/12/97 | 821 |
| 04/13/97 | 612 |
| 04/14/97 | 0 |
| 04/15/97 | 0 |
| 04/16/97 | 0 |
| 04/17/97 | 0 |
| 04/18/97 | 0 |
| 04/19/97 | 0 |
| 04/20/97 | 0 |
| 04/21/97 | 0 |
| 04/22/97 | 0 |
| 04/23/97 | 0 |
| 04/24/97 | 0 |
| 04/25/97 | 0 |
| 04/26/97 | 0 |
| 04/27/97 | 0 |
| 04/28/97 | 0 |
| 04/29/97 | 0 |
| 04/30/97 | 0 |



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-389
 UNIT NAME: ST LUCIE, UNIT 2
 DATE: May 5, 1997
 COMPLETED BY: J.A. ROGERS
 TELEPHONE: (561) 467-7296

REPORT MONTH April, 1997

| 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 |
|-----|---------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 3 | 4/12/97 | S | 0.0 | B | 5 | N/A | HB | VALVES | Unit 2 downpowered for testing of the main steam safety valves. |
| 4 | 4/13/97 | S | 0.0 | C | 5 | N/A | RB | VESSEL | Unit 2 further downpowered for refueling and maintenance. |
| 5 | 4/14/97 | S | 407.9 | C | 1 | N/A | RB | VESSEL | Unit 2 offline for Cycle 10 refueling and maintenance. |

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



100
100
100

B
e

100
100
100