



**Florida
Power**
CORPORATION
Crystal River Unit
Docket No. 50-302

April 8, 1992
3F0492-05

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit-3 March 1992 Monthly Operating Report. This report is submitted in accordance with Technical Specification 6.9.1.6.

Sincerely,

G. L. Boldt
Vice President
Nuclear Production

GLB:JBC/ff

Attachment

xc: Regional Administrator, Region II
Senior Resident Inspector
NRR Project Manager

9204140138 920331
PDR ADOCK 05000302
R PDR

A Florida Progress Company

JEH

OPERATING DATA REPORT

| | |
|--------------|-----------------|
| DOCKET NO. | 50-302 |
| UNIT | FL CRP-3 |
| DATE | March 04, 1992 |
| COMPLETED BY | J. A. Binkowski |
| TELEPHONE | (904) 563-4485 |

OPERATING STATUS

- | | |
|--|----------------------|
| 1. UNIT NAME:..... | CRYSTAL RIVER UNIT 3 |
| 2. REPORTING PERIOD:..... | MARCH 1-31, 1992 |
| 3. LICENSED THERMAL POWER (MWt):..... | 2544 |
| 4. NAMEPLATE RATING (GROSS MWe):..... | 890 |
| 5. DESIGN ELECTRICAL RATING (NET MWe):..... | 825 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):.. | 860 |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):..... | 821 |
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

NA

- | | |
|---|-----|
| 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe): | N/A |
| 10. REASONS FOR RESTRICTIONS, IF ANY: | N/A |

| | THIS MONTH | YR. TO DATE | CUMULATIVE |
|---|------------|-------------|-------------|
| 11. HOURS IN REPORTING PERIOD | 744.0 | 2,184.0 | 131,952.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 637.2 | 2,077.2 | 85,913.2 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 1,280.6 |
| 14. HRS GENERATOR ON LINE | 637.2 | 2,077.2 | 84,224.9 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 0.0 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,602,043 | 5,191,488 | 191,526,135 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 553,580 | 1,794,979 | 65,417,876 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 527,238 | 1,712,457 | 62,144,196 |
| 19. UNIT SERVICE FACTOR | 85.6% | 95.1% | 63.8% |
| 20. UNIT AVAILABLE FACTOR | 85.6% | 95.1% | 63.8% |
| 21. UNIT CAPACITY FACTOR (using MDC net) | 86.3% | 95.5% | 58.4% |
| 22. UNIT CAPACITY FACTOR (using DER net) | 85.9% | 95.0% | 57.1% |
| 23. UNIT FORCED OUTAGE RATE | 14.4% | 4.9% | 19.1% |

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):

Refuel 8 commencing on 4/30/92; duration of 56 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION),

THIS ITEM IS NOT APPLICABLE TO CR-3

| | FORECAST | ACHIEVED |
|----------------------|----------|----------|
| INITIAL CRITICALITY | NA | NA |
| INITIAL ELECTRICITY | NA | NA |
| COMMERCIAL OPERATION | NA | NA |

AVERAGE DAILY UNIT POWER LEVEL

| | |
|--------------|-----------------|
| BUCKET NO. | 50-302 |
| UNIT | FLCRP-3 |
| DATE | March 04, 1992 |
| COMPLETED BY | J. A. Binkowski |
| TELEPHONE | (904) 563-4485 |

MONTH MARCH

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

| | |
|----|-----|
| 1 | 833 |
| 2 | 832 |
| 3 | 831 |
| 4 | 832 |
| 5 | 832 |
| 6 | 827 |
| 7 | 829 |
| 8 | 828 |
| 9 | 824 |
| 10 | 826 |
| 11 | 831 |
| 12 | 833 |
| 13 | 836 |
| 14 | 833 |
| 15 | 831 |
| 16 | 829 |

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

| | |
|----|-----|
| 17 | 831 |
| 18 | 829 |
| 19 | 829 |
| 20 | 831 |
| 21 | 830 |
| 22 | 829 |
| 23 | 829 |
| 24 | 830 |
| 25 | 825 |
| 26 | 826 |
| 27 | 448 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |

INSTRUCTIONS:

On this format, list the daily average unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-302
 UNIT FLCRP-3
 DATE March 04, 1992
 COMPLETED BY J. A. Binkowski
 TELEPHONE (904) 583-4485

REPORT MONTH: MARCH

| NO. | DATE | TYPE (1) | DURATION HOURS | REASON (2) | METHOD SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT # | SYSTEM CODE (4) | COMPONENT CODE (5) | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE |
|-------|--------|----------|-------------------|------------|--|-------------------------------|--------------------|-----------------------|--|
| 92-08 | 920327 | F | 106.8 | A | S | 92-0001 | EA | TRANSF | Loss of off-site transformer power to both Engineered Safeguards (ES) busses caused rods to insert. Breaker remote operating relays have been replaced by switches in the 230KV switchyard. This change affects manual opening of the transformer breakers only. |

1
 F: FORCED
 S: SCHEDULED

2
 REASON:
 A-EQUIPMENT FAILURE
 B-MAINTENANCE OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING &
 LICENSE ADMINISTRATION
 F-ADMINISTRATION
 G-OPERATIONAL ERROR
 (EXPLAIN)
 H-OTHER

3
 METHOD
 1-MANUAL
 2-MANUAL SCRAM
 3-AUTO SCRAM
 4-CONTINUED
 5-REDUCED LOAD
 9-OTHER

4
 EXHIBIT G - INSTRUCTIONS
 FOR PREPARATION OF DATA
 ENTRY SHEETS FOR LICENSEE
 EVENT REPORT (LER) FILE
 (NUREG-0161)

5
 EXHIBIT I - SAME SOURCE

MONTHLY OPERATIONAL SUMMARY STATEMENT

| | |
|--------------|------------------------|
| DOCKET NO. | <u>50-302</u> |
| UNIT | <u>FLCRP-3</u> |
| DATE | <u>March 04, 1992</u> |
| COMPLETED BY | <u>J. A. Binkowski</u> |
| TELEPHONE | <u>(904) 563-4485</u> |

MONTH: MARCH

SUMMARY STATEMENT:

Crystal River Unit 3 ran consistently at 98-100% full power through March 26, 1992. On March 27, the Unit was operating at 98% power. Maintenance personnel were trouble shooting a fuse failure on the "C" inverter. At approximately 1308, the breakers from the off-site power source transformer opened causing a loss of power to the Control Rod Drive System and a large decrease in Reactor power. The Reactor Protective System (RPS) was manually tripped by the Operators and the Plant was stabilized in MODE 3 by 1340. The Plant was cooled down to MODE 5 due to increasing leakage of cooling water on the "B" Emergency Diesel Generator. The month ended with the Unit off-line.