



**Florida  
Power**  
CORPORATION  
Crystal River Unit 3  
Docket No. 50-302

February 12, 1992  
3F0292-C7

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

Subject: Monthly Operating Report

Dear Sir:

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

Sincerely,

*Larry C. Kelly for GLB*  
G. L. Boldt  
Vice President  
Nuclear Production

GLB:JBC/ff

Attachment

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

100000  
9202190195 920131  
PDR ADOCK 05000302  
R PDR

A Florida Progress Company

*JEH 1/1*

# OPERATING DATA REPORT

DOCKET NO. 50-302  
UNIT FLCRP-3  
DATE February 03, 1992  
COMPLETED BY J. A. Binkowski  
TELEPHONE (904) 563-4485

## OPERATING STATUS

1. UNIT NAME: CRYSTAL RIVER UNIT 3
2. REPORTING PERIOD: JANUARY 1-31, 1992
3. LICENSED THERMAL POWER (MW): 2544
4. NAMEPLATE RATING (GROSS MWe): 891
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      | 744.0       | 130,512.0   |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL    | 744.0      | 744.0       | 84,580.0    |
| 13. REACTOR RESERVE SHUTDOWN HOURS          | 0.0        | 0.0         | 1,280.6     |
| 14. HRS GENERATOR ON LINE                   | 744.0      | 744.0       | 82,891.7    |
| 15. UNIT RESERVE SHUTDOWN HOURS             | 0.0        | 0.0         | 0.0         |
| 16. GROSS THERMAL ENERGY GENERATED (MWH)    | 1,836,256  | 1,836,256   | 188,170,903 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 634,023    | 634,023     | 64,256,920  |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH)   | 605,112    | 605,112     | 61,036,851  |
| 19. UNIT SERVICE FACTOR                     | 100.0%     | 100.0%      | 63.5%       |
| 20. UNIT AVAILABLE FACTOR                   | 100.0%     | 100.0%      | 63.5%       |
| 21. UNIT CAPACITY FACTOR (using MDC net)    | 99.1%      | 99.1%       | 58.0%       |
| 22. UNIT CAPACITY FACTOR (using DER net)    | 98.6%      | 98.6%       | 56.7%       |
| 23. UNIT FORCED OUTAGE RATE                 | 0.0%       | 0.0%        | 19.3%       |

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

Refuel B 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

INITIAL CRITICALITY

FORECAST

NA

ACHIEVED

NA

INITIAL ELECTRICITY

NA

NA

COMMERCIAL OPERATION

NA

NA

# AVERAGE DAILY UNIT POWER LEVEL

|              |                   |
|--------------|-------------------|
| DOCKET NO.   | 50-302            |
| UNIT         | FLCRP-3           |
| DATE         | February 03, 1992 |
| COMPLETED BY | J. A. Binkowski   |
| TELEPHONE    | (904) 563-4485    |

MONTH JANUARY

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |     |
|----|-----|
| 1  | 843 |
| 2  | 843 |
| 3  | 843 |
| 4  | 843 |
| 5  | 843 |
| 6  | 843 |
| 7  | 843 |
| 8  | 843 |
| 9  | 843 |
| 10 | 843 |
| 11 | 842 |
| 12 | 843 |
| 13 | 843 |
| 14 | 841 |
| 15 | 842 |
| 16 | 842 |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |     |
|----|-----|
| 17 | 841 |
| 18 | 845 |
| 19 | 844 |
| 20 | 834 |
| 21 | 843 |
| 22 | 830 |
| 23 | 767 |
| 24 | 655 |
| 25 | 839 |
| 26 | 843 |
| 27 | 844 |
| 28 | 842 |
| 29 | 722 |
| 30 | 568 |
| 31 | 616 |

## 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

REPORT MONTH: JANUARY

DOCKET NO. 50-302  
UNIT FLCRP-3  
DATE February 03, 1992  
COMPLETED BY J. A. Binkowski  
TELEPHONE (804) 563-4485

| NO.   | DATE   | TYPE (1) | DURATION<br>HOURS | REASON (2) | METHOD OF<br>SHUTTING<br>DOWN REACTOR (3) | LICENSEE<br>EVENT<br>REPORT # | SYSTEM<br>CODE (4) | COMPONENT<br>CODE (5) | CAUSE AND CORRECTIVE<br>ACTION TO PREVENT<br>RECURRENCE   |
|-------|--------|----------|-------------------|------------|---|-------------------------------|--------------------|-----------------------|---|
| 92-01 | 920122 | F        | 4.92              | B          | 5   | N/A                           | HC                 | HTEXCH                | Condenser waterbox 'D' was taken out of service to locate and repair a salt leak. No leak was found and the unit was returned to service. |
| 92-02 | 920123 | F        | 24.75             | B          | 5   | N/A                           | HC                 | HTEXCH                | Condenser waterbox 'D' was taken out of service to locate and repair a salt leak. No leak was found and the unit was returned to service. |
| 92-03 | 920129 | F        | 5.46              | B          | 5   | N/A                           | HC                 | HTEXCH                | Condenser waterbox 'D' was taken out of service to locate and repair a salt leak.   |
| 92-04 | 920130 | F        | 18.0              | B          | 5   | N/A                           | HC                 | HTEXCH                | Condenser waterbox 'B' was taken out of service to locate and repair a salt leak.   |
| 92-05 | 920131 | F        | 13.87             | B          | 5   | N/A                           | HC                 | HTEXCH                | Condenser waterbox 'C' was taken out of service to locate and repair a salt leak.   |

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  
6-OTHER

4  
EXHIBIT G - INSTRUCTIONS  
FOR PREPARATION OF DATA  
ENTRY SHEETS FOR LICENSEE  
EVENT REPORT (LER) FILE  
(NUREG-0181)

5  
EXHIBIT I - SAME SOURCE

## MONTHLY OPERATIONAL SUMMARY STATEMENT

|              |                   |
|--------------|-------------------|
| DOCKET NO.   | 50-302            |
| UNIT         | FLCRP-3           |
| DATE         | February 03, 1992 |
| COMPLETED BY | J. A. Binkowski   |
| TELEPHONE    | (904) 563-4485    |

MONTH: JANUARY

### SUMMARY STATEMENT:

Crystal River Unit 3 ran at 100% full power from December 18, 1991 through January 22, 1992. On January 22, Operators reduced power to approximately 75% full power to allow maintenance personnel to search for and repair a salt leak in the 'D' waterbox of the Main Condenser. Location of the leak was not determined before the plant returned to 100% power on January 23. Operators reduced power again to 75% later on January 23 to allow further efforts to locate and repair leaks in the 'D' waterbox. On January 29, the unit reduced power to locate and repair recurrent salt leaks in the 'D' waterbox. On January 30, the unit reduced power to locate and repair a salt leak in the 'B' waterbox and again on the 31st to correct a salt leak in waterbox 'C'. Repairs to all three waterboxes were successful.