



**Florida  
Power**

CORPORATION  
Crystal River Unit 3  
Docket No. 50-302

May 12, 1992  
3F0592-08

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

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit-3 April 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

9205190076 920430  
PDR ADOCK 0500030R  
R PDR

A Florida Progress Company

JE24 .1

# OPERATING DATA REPORT

|              |                 |
|--------------|-----------------|
| DOCKET NO.   | 50-302          |
| UNIT         | FLCRP-3         |
| DATE         | May 01, 1992    |
| COMPLETED BY | J. A. Binkowski |
| TELEPHONE    | (904) 563-4485  |

## OPERATING STATUS

- |  |                      |
|--|----------------------|
| 1. UNIT NAME:.....                             | CRYSTAL RIVER UNIT 3 |
| 2. REPORTING PERIOD:.....                      | APRIL 1-30, 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 4 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               | 719.0      | 2,903.0     | 132,671.0   |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL    | 607.9      | 2,685.1     | 86,521.1    |
| 13. REACTOR RESERVE SHUTDOWN HOURS          | 0.0        | 0.0         | 1,280.6     |
| 14. HRS GENERATOR ON LINE                   | 607.9      | 2,685.0     | 84,832.7    |
| 15. UNIT RESERVE SHUTDOWN HOURS             | 0.0        | 0.0         | 0.0         |
| 16. GROSS THERMAL ENERGY GENERATED (MWH)    | 1,336,026  | 6,527,514   | 192,862,161 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 451,469    | 2,246,448   | 65,869,345  |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH)   | 435,721    | 2,148,178   | 62,579,917  |
| 19. UNIT SERVICE FACTOR                     | 84.5%      | 92.5%       | 63.9%       |
| 20. UNIT AVAILABLE FACTOR                   | 84.5%      | 92.5%       | 63.9%       |
| 21. UNIT CAPACITY FACTOR (using MDC net)    | 73.8%      | 90.1%       | 58.5%       |
| 22. UNIT CAPACITY FACTOR (using DER net)    | 73.5%      | 89.7%       | 57.2%       |
| 23. UNIT FORCED OUTAGE RATE                 | 12.8%      | 6.8%        | 19.1%       |

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

Refuel 8 began on 4/30/92; duration of 60 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

|              |                 |
|--------------|-----------------|
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| COMPLETED BY | J. A. Binkowski |
| TELEPHONE    | (904) 563-4485  |

MONTH APRIL

DAY      AVERAGE DAILY POWER LEVEL  
            (MWe-Net)

|    |     |
|----|-----|
| 1  | 0   |
| 2  | 0   |
| 3  | 0   |
| 4  | 23  |
| 5  | 606 |
| 6  | 859 |
| 7  | 855 |
| 8  | 856 |
| 9  | 853 |
| 10 | 843 |
| 11 | 815 |
| 12 | 851 |
| 13 | 852 |
| 14 | 851 |
| 15 | 842 |
| 16 | 849 |

DAY      AVERAGE DAILY POWER LEVEL  
            (MWe-Net)

|    |     |
|----|-----|
| 17 | 850 |
| 18 | 849 |
| 19 | 836 |
| 20 | 751 |
| 21 | 709 |
| 22 | 650 |
| 23 | 540 |
| 24 | 538 |
| 25 | 523 |
| 26 | 522 |
| 27 | 510 |
| 28 | 502 |
| 29 | 452 |
| 30 | 6   |

**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 F. CRP-3  
 DATE May 01, 1992  
 COMPLETED BY J. A. Birkowski  
 TELEPHONE (904) 583-4485

REPORT MONTH: APRIL

| NO.   | DATE   | TYPE (1) | DURATION HOURS | REASON (2) | METHOD OF SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT # | SYSTEM CODE (4) | COMPONENT CODE (5) | CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE   |
|-------|--------|----------|----------------|------------|-------------------------------------|-------------------------|-----------------|--------------------|---|
| 92-09 | 920401 | F        | 88.9           | A          | 4                                   | 92-0001                 | EA              | TRANSF             | Continuation of March outage.   |
| 92-10 | 920420 | S        | 61.7           | B          | 5                                   | N/A                     | HC              | HTEXCH             | Reduced power to 85% to install Blind Flanges on "B" waterbox in preparation for retubing "A" waterbox. |
| 92-11 | 920422 | S        | 180.0          | B          | 5                                   | N/A                     | HH              | PUMPXX             | Condensate Pump 1A (CDP-1A) was taken out of service due to defective controller.                       |
| 92-12 | 920430 | S        | 22.3           | C          | 1                                   | N/A                     | ZZ              | ZZZZZ              | Start of Refueling Outage VIII.   |

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-015)

5  
 EXHIBIT I - SAME SOURCE

# MONTHLY OPERATIONAL SUMMARY STATEMENT

|              |                        |
|--------------|------------------------|
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| TELEPHONE    | <u>(904) 563-4485</u>  |

MONTH: APRIL

## SUMMARY STATEMENT:

Breaker closure at 1653 on April 4 ended the March outage.

Full power was reached by 2400 on April 5, 1992. On April 20 at 0000, a power reduction to 85% full power began in order to take "B" waterbox off-line in preparation for Refuel 8 condenser retubing of waterbox "A". The plant ran at 85% power until the "A" Condensate Pump Controller failed causing the loss of the "A" Condensate Pump and limiting power to 65% until shutdown for Refuel 8 began on April 30.