



**Florida
Power**
CORPORATION

Crystal River Unit 3
Docket No. 50-302

January 10, 1991
3F0191-05

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

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit 3 December 1990 Monthly Operating Report.
This report is submitted in accordance with Technical Specification 6.9.1.6.

Sincerely,

G. L. Boldt
Vice President
Nuclear Production

/wla

Attachment

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

7101140286 701231
PDR ADOCK 05000302
R PDR

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-302
 UNIT FLCRP-3
 DATE January 04, 1991
 COMPLETED BY R. L. McLaughlin
 TELEPHONE (904) 795-6486

OPERATING STATUS

1. UNIT NAME: CRYSTAL RIVER UNIT 3
2. REPORTING PERIOD: December 1-31, 1990
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:
N/A
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	<u>744.0</u>	<u>8,760.0</u>	<u>121,008.0</u>
12. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>593.6</u>	<u>5,591.1</u>	<u>76,648.8</u>
13. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>1,280.6</u>
14. HOURS GENERATOR ON-LINE	<u>572.6</u>	<u>5,423.4</u>	<u>75,010.1</u>
15. UNIT RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,389,842</u>	<u>12,846,670</u>	<u>169,504,206</u>
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>478,873</u>	<u>4,360,298</u>	<u>57,888,465</u>
18. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>456,093</u>	<u>4,142,918</u>	<u>54,974,550</u>
19. UNIT SERVICE FACTOR	<u>77.0%</u>	<u>61.9%</u>	<u>62.0%</u>
20. UNIT AVAILABILITY FACTOR	<u>77.0%</u>	<u>61.9%</u>	<u>62.0%</u>
21. UNIT CAPACITY FACTOR (Using MDC net)	<u>74.7%</u>	<u>57.6%</u>	<u>56.4%</u>
22. UNIT CAPACITY FACTOR (Using DER net)	<u>74.3%</u>	<u>57.3%</u>	<u>55.1%</u>
23. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>3.8%</u>	<u>20.4%</u>
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (Type, Date, and Duration of Each): <u>NA</u>			

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	<u>NA</u>	<u>NA</u>
INITIAL ELECTRICITY	<u>NA</u>	<u>NA</u>
COMMERCIAL OPERATION	<u>NA</u>	<u>NA</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-302
 UNIT FLCRP-3
 DATE January 04, 1991
 COMPLETED BY R. L. McLaughlin
 TELEPHONE (904) 795-6486

MONTH DECEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>748</u>	17	<u>0</u>
2	<u>805</u>	18	<u>0</u>
3	<u>728</u>	19	<u>334</u>
4	<u>827</u>	20	<u>596</u>
5	<u>823</u>	21	<u>806</u>
6	<u>831</u>	22	<u>829</u>
7	<u>833</u>	23	<u>830</u>
8	<u>831</u>	24	<u>836</u>
9	<u>830</u>	25	<u>831</u>
10	<u>831</u>	26	<u>836</u>
11	<u>813</u>	27	<u>835</u>
12	<u>40</u>	28	<u>835</u>
13	<u>0</u>	29	<u>838</u>
14	<u>0</u>	30	<u>838</u>
15	<u>0</u>	31	<u>819</u>
16	<u>0</u>		

INSTRUCTIONS:

On this format, list the average daily 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 DECEMBER

DOCKET NO. 50-302
 UNIT NAME FLCRP-3
 DATE January 04, 1991
 COMPLETED BY R. L. McLaughlin
 TELEPHONE (904) 795-6486

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
90-25	901202	F	0.0	B	5	N/A	HC	HTEXCH	Reduced load to 75% power to locate and repair a salt leak in "D" waterbox.
90-26	901212	S	171.4	A	1	N/A	CJ	VALVEX	Reactor was placed in mode 5 to repair RCV-8 leakage. Valves RCV-13 and RCV-14 were also repacked at this time.
90-27	901220	F	0.0	B	5	N/A	HC	HTEXCH	While the unit was returning to service from the RCV-8 outage, a salt leak was discovered in "B" waterbox. The plant was held at 73% power to repair the leak.

1

2

3

4

5

F: Forced
 S: Scheduled

Reason:
 A-Equipment Failure
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training &
 License Examination
 F-Administrative
 G-Operational Error
 (Explain)
 H-Other (Explain)

Method
 1-Manual
 2-Manual Scram
 3-Auto Scram
 4-Continued
 5-Reduced Load
 9-Other

Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File
 (NUREG-0161)

Exhibit I - Same Source

MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO. 50-302
UNIT FLCRP-3
DATE January 04, 1991
COMPLETED BY R. L. McLaughlin
TELEPHONE (904) 795-6486

MONTH: DECEMBER

SUMMARY STATEMENT:

On December 2, Crystal River Unit 3 reduced power to locate and repair a salt leak in "D" waterbox.

On December 12, the unit commenced a mode 5 outage to repair leaking valve RCV-8. Valves RCV-13 and RCV-14 were also repacked at this time. Upon returning to service, a salt leak was discovered in "B" waterbox. Power was held to 73% for approximately 18 hours to correct this problem.