



**Florida
Power**
CORPORATION

Crystal River Unit 3
Doc. No. 50-302

February 11, 1991
3F0291-04

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, 1991 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

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PDR ADOCK 05000302
R PDR

A Florida Progress Company

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OPERATING DATA REPORT

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

OPERATING STATUS

1. UNIT NAME: CRYSTAL RIVER UNIT 3
2. REPORTING PERIOD: January 1-31, 1991
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>744.0</u>	<u>121,752.0</u>
12. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>744.0</u>	<u>744.0</u>	<u>77,392.8</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>744.0</u>	<u>744.0</u>	<u>75,754.1</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>1,861,585</u>	<u>1,861,585</u>	<u>171,365,791</u>
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>643,674</u>	<u>643,674</u>	<u>58,532,177</u>
18. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>614,368</u>	<u>614,368</u>	<u>55,588,918</u>
19. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>62.2%</u>
20. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>62.2%</u>
21. UNIT CAPACITY FACTOR (Using MDC net)	<u>100.6%</u>	<u>100.6%</u>	<u>56.7%</u>
22. UNIT CAPACITY FACTOR (Using DER net)	<u>100.1%</u>	<u>100.1%</u>	<u>55.3%</u>
23. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>20.3%</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 February 06, 1991
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MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	835	17	828
2	833	18	828
3	832	19	833
4	821	20	832
5	764	21	823
6	824	22	829
7	823	23	830
8	823	24	831
9	826	25	833
10	829	26	833
11	834	27	830
12	833	28	782
13	830	29	827
14	832	30	827
15	833	31	818
16	835		

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 JANUARY

DOCKET NO. 50-302
 UNIT NAME FLCRP-3
 DATE February 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
91-01	910104	F	0.0	A	5	N/A	RB	CONROD	The API for CRD 5-8 was inoperable. The rod had to be driven into the core and and brought back out to prove operability. Power was reduced during this evolution.
91-02	910127	F	0.0	A	5	N/A	ZZ	ZZZZZZ	Started power reduction due to a high bearing temperature alarm on RCP-1D. The problem was found to be a faulty computer point.
91-03	910131	F	0.0	A	5	N/A	HH	INSTRU	Condensate level instrumentation failed to zero. Condensate flow pegged high and both CDP's tripped on high level. Plant was held to 90% while repairs were made.

<p>1</p> <p>F: Forced S: Scheduled</p>	<p>2</p> <p>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)</p>	<p>3</p> <p>Method 1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced Load 9-Other</p>	<p>4</p> <p>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p>	<p>5</p> <p>Exhibit I - Same Source</p>
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MONTHLY OPERATIONAL SUMMARY STATEMENT

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

MONTH: JANUARY

SUMMARY STATEMENT:

On January 4, 1991, the API for control rod drive 5-8 was found to be inoperable. The rod was driven into the core and brought back out to prove its operability.

On January 27, power was reduced due to a high bearing temperature alarm on Reactor Coolant Pump 1-D. Subsequent troubleshooting revealed the problem to be a faulty computer point.

On January 31, Condensate level instrumentation failed to zero. CD flow pegged high and both CDP'S tripped on high level. The plant was held at 90% power while repairs were made.

Aside from these three minor deratings, Crystal River Unit 3 operated at near record levels, producing over 614,000 net Megawatt Hours, its second highest monthly total.