



**Florida
Power**
CORPORATION

Crystal River Unit 3
Docket No. 50-302

June 6, 1991
3F0691-02

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

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit 3 May 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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A Florida Progress Company

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OPERATING DATA REPORT

DOCKET NO.	50-302
UNIT	FLCRP-3
DATE	JUNE 03, 1991
COMPLETED BY	R. L. McLaughlin
TELEPHONE	(904) 795-6486

OPERATING STATUS

- | | |
|---|----------------------|
| 1. UNIT NAME: | CRYSTAL RIVER UNIT 3 |
| 2. REPORTING PERIOD: | MAY 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: | |

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	3,623.0	124,631.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,561.0	80,209.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,280.6
14. HRS GENERATOR ON LINE	744.0	3,555.6	78,565.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,763,210	8,354,039	177,858,265
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	599,601	2,868,271	60,756,736
18. NET ELECTRICAL ENERGY GENERATED (MWH)	570,759	2,730,868	57,705,418
19. UNIT SERVICE FACTOR	100.0%	98.1%	63.0%
20. UNIT AVAILABLE FACTOR	100.0%	98.1%	63.0%
21. UNIT CAPACITY FACTOR (using MDC net)	93.4%	91.8%	57.4%
22. UNIT CAPACITY FACTOR (using DER net)	93.0%	91.4%	56.1%
23. UNIT FORCED OUTAGE RATE	0.0%	1.9%	19.8%

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

MID-CYCLE MAINTENANCE OUTAGE SCHEDULED FOR OCTOBER 10, 1991, FOR A DURATION OF 35 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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MONTH MAY

DAY AVERAGE DAILY POWER LEVEL
(MW_e-Net)

1	744
2	602
3	812
4	831
5	832
6	831
7	833
8	833
9	832
10	832
11	832
12	832
13	833
14	833
15	833
16	831

DAY AVERAGE DAILY POWER LEVEL
(MW_e-Net)

17	829
18	828
19	794
20	591
21	577
22	591
23	834
24	835
25	601
26	520
27	485
28	833
29	830
30	826
31	830

INSTRUCTIONS:

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MAY

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 UNIT FLCR²-3
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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
91-14	910501	F	0.0	B	5	N/A	HC	HTEXCH	Condenser water box D was taken out of service to locate and repair a salt leak.
91-15	910519	F	0.0	B	5	N/A	HC	HTEXCH	Condenser water box B was taken out of service to locate and repair a salt leak.
91-16	910521	F	0.0	A	5	N/A	HH	PUMPXX	Condensate pump CDP-1A tripped due to moisture (condensation) accumulating in the speed controller. The unit was dried out and returned to service.
91-17	910522	S	0.0	B	5	N/A	HH	PUMPXX	Condensate pump CDP-1B was taken out of service to replace brushes in the motor.
91-18	910524	F	0.0	B	5	N/A	HC	HTEXCH	Condenser water box A was taken out of service to locate and repair a salt leak.
91-19	910526	F	0.0	B	5	N/A	HC	HTEXCH	Condenser water box 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 &
 LICENSING ADMINISTRATION
 F-ADMINISTRATION
 G-OPERATIONAL ERROR

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>JUNE 03, 1991</u>
COMPLETED BY	<u>R. L. McLaughlin</u>
TELEPHONE	<u>(904) 795-6486</u>

MONTH: MAY

SUMMARY STATEMENT:

Crystal River Unit 3 generally operated very well during the month of May. The plant experienced six minor power reductions, including salt leaks in all four of its waterboxes. The other two power reductions were related to maintenance activities on the Condensate Pumps.