



Florida Power

CORPORATION

Crystal River Unit 3

Docbook No. 50-302

June 13, 1996
3F0696-02

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit-3 May 1996 Monthly Operating Report. This report is submitted in accordance with Technical Specification 5.7.1.2.

Sincerely,

G. L. Boldt
Vice President
Nuclear Operations

GLB/ff

Attachment

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

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PDR ADOCK 05000302
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OPERATING DATA REPORT

DOCKET NO.	50-302
UNIT	FLCRP-3
DATE	JUNE 6, 1996
COMPLETED BY	T V Dao
TELEPHONE	(352) 795-6486

OPERATING STATUS

- | | |
|---|----------------------|
| 1. UNIT NAME:..... | CRYSTAL RIVER UNIT 3 |
| 2. REPORTING PERIOD:..... | MAY |
| 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):..... | 818 |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: | |

- | | |
|---|-----|
| 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	3,647.0	168,479.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	393.7	1,083.3	115,191.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,280.6
14. HRS GENERATOR ON LINE	313.9	990.9	113,210.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	627,622	2,323,055	263,705,213
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	205,948	786,379	90,132,572
18. NET ELECTRICAL ENERGY GENERATED (MWH)	192,931	747,082	85,732,095
19. UNIT SERVICE FACTOR	42.2%	27.2%	67.2%
20. UNIT AVAILABLE FACTOR	42.2%	27.2%	67.2%
21. UNIT CAPACITY FACTOR (using MDC net)	31.7%	25.0%	63.0%
22. UNIT CAPACITY FACTOR (using DER net)	31.4%	24.8%	61.7%
23. UNIT FORCED OUTAGE RATE	0.8%	31.2%	15.4%

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

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	17
18	260
19	0
20	276
21	489
22	542
23	648
24	638
25	635
26	636
27	745
28	764
29	841
30	842
31	718

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: MAY

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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
96-06	960501	S	404.5	C	4	N/A	ZZ	ZZZZZZ	Continuation of Refuel 10.
96-07	960517	S	0	C	5	N/A	ZZ	ZZZZZZ	Power escalation and testing
96-08	960519	S	23.0	B	5	N/A	ZZ	ZZZZZZ	Turbine was off line for overspeed trip test
96-09	960520	S	0	C	5	N/A	ZZ	ZZZZZZ	Power escalation and testing
96-10	960523	F	0	A	5	N/A	HA	VALVOP	Power reduction to 76% to replace limit switch arm separation on GV-1. The limit switch arms for other governor valves were also repaired.
96-11	960527	F	0	B	5	N/A	HJ	CKTBRK	Holding reactor power at 90% to troubleshoot ICS reactor/feedwater crosslimit. The cause was toggle switches for feedwater demand integral modules in the incorrect position. The modules were restored to normal.
96-12	960531	F	0	B	5	N/A	HA	VALVEX	Power reduction to 93% to troubleshoot high noise coming from governor valve GV-4. The noise was found to be related to position of GV-4. EHC system will be recalibrated to control GV-4 at a different position.
96-13	960531	F	2.6	B	3	N/A	HA	VALVEX	Turbine/reactor trip due to loss of EHC oil pressure during performance of PT-325. The probable cause was turbine trip solenoid valve seat leakage. The problem could not be duplicated during subsequent troubleshooting. Turbine hydraulic oil was tested clean.

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-0167)

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EXHIBIT I - SAME SOURCE

MONTHLY OPERATIONAL SUMMARY STATEMENT

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MONTH: MAY

SUMMARY STATEMENT:

Crystal River Unit # 3 completed Refueling 10 on May 17. The unit was taken offline on May 19 for a turbine overspeed trip test. A turbine/reactor trip occurred on May 31 due to loss of turbine valve hydraulic oil pressure during performance of PT-325.

Three other power reductions occurred during this period. Power was reduced to 76% on May 23 to replace limit switch arms for governor valves, 90% on May 27 due to ICS reactor/feedwater crosslimit, and 93% on May 31 to troubleshoot noise coming from governor valve GV-4.