



**Florida  
Power**  
CORPORATION  
Crystal River Unit 3  
Docket No. 36-302

August 11, 1992  
3F0892-03

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

Subject: Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit-3 July 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

9208170120 920731  
PDR ADDCK 05000309  
R PDR

A Florida Progress Company

# OPERATING DATA REPORT

DOCKET NO.	50-302
UNIT	FLCRP-3
DATE	August 05, 1992
COMPLETED BY	Raleigh Smith
TELEPHONE	(904) 795-6486

## OPERATING STATUS

- |  |                      |
|--|----------------------|
| 1. UNIT NAME:.....   | CRYSTAL RIVER UNIT 3 |
| 2. REPORTING PERIOD:.....  | JULY 1-31, 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 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	5,111.0	134,879.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	378.5	3,063.6	86,899.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,280.6
14. HRS GENERATOR ON LINE	339.3	3,024.3	85,172.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	706,424	7,233,939	193,568,585
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	232,762	2,179,181	66,102,078
18. NET ELECTRICAL ENERGY GENERATED (MWH)	219,818	2,096	62,799,735
19. UNIT SERVICE FACTOR	45.6%	59.2%	63.1%
20. UNIT AVAILABLE FACTOR	45.6%	59.2%	63.1%
21. UNIT CAPACITY FACTOR (using MDC net)	36.0%	56.4%	57.7%
22. UNIT CAPACITY FACTOR (using DER net)	35.8%	56.2%	56.4%
23. UNIT FORCED OUTAGE RATE	3.8%	6.5%	19.0%

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:	N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	
THIS ITEM IS NOT APPLICABLE TO CR-3	
INITIAL CRITICALITY	NA
INITIAL ELECTRICITY	NA
COMMERCIAL OPERATION	NA

FORECAST

ACHIEVED

NA

NA

NA

NA

NA

NA

## AVERAGE DAILY UNIT POWER LEVEL

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MONTH JULY

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	129

DAY      AVERAGE DAILY POWER LEVEL  
            (MWe-Net)

17	7
18	355
19	525
20	542
21	638
22	635
23	668
24	778
25	721
26	179
27	748
28	800
29	806
30	818
31	811

**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:     JULY    

DOCKET NO.	<u>55-302</u>
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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
92-12	920430	S	365.5	C	4	N/A	ZZ	ZZZZZZ	Refueling Outage 8 completed. Breakers closed at 0530 July 16, 1992.
92-13	920716	S	10.33	B	5	N/A	HA	TURBIN	Turbine overspeed trip test.
92-14	920717	F	13.37	A	5	N/A	HB	VALVEX	MSV-21 developed steam leak. Valve was repaired with Furmanite.
92-15	920717	S	56.95	B	5	N/A	RC	FUELXX	Allow core to stabilize for xenon equilibrium.
92-16	920720	S	11.98	J	5	N/A	RC	FUELXX	Core physics testing.
92-17	920720	S	23.98	B	5	N/A	HC	HTEXCH	Waterbox D was taken off-line and treated with Coppertrol.
92-18	920721	S	23.98	B	5	N/A	HC	HTEXCH	Waterbox B was taken off-line and treated with Coppertrol.
92-19	920722	S	13.98	B	5	N/A	HC	HTEXCH	Waterbox C was taken off-line and treated with Coppertrol.
92-20	920726	S	15.55	A	5	N/A	HB	HTEXCH	Reposition MSR Reheat Stop Valve. The actuator was incorrectly installed and prevented full opening of the valve.
92-21	920731	S	1.8	A	5	N/A	HB	VALVEX	MSV-421 developed steam leak. Valve was repaired with Furmanite.

1  
F: FORCED  
S: SCHEDULED

2  
REASON:  
A-EQUIPMENT FAILURE  
B-MAINTENANCE CHECK TEST  
C-REFUELING  
D-REGULATORY RESTRICTION  
E-OPERATOR TRAINING & LICENSE ADMINISTRATION  
F-ADMINISTRATION  
G-OPERATIONAL ERROR (EXPLAIN)  
H-OTHER

3  
METHOD  
1-MANUAL SCRAM  
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 (LEIS FILE) (NUREG-0161)

5  
EXHIBIT I - SAME SOURCE

# MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO.	<u>50-302</u>
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MONTH: JULY

## SUMMARY STATEMENT:

Crystal River Unit 3 entered MODE I at 1525 on July 15. Breaker closure at 0530 on July 16 ended the Refuel 8 outage. Output breakers were opened on July 16 at 2319 to conduct turbine overspeed testing.

On July 17 at 0940, Main Steam Valve 21 (MSV-21) developed a steam leak and the unit could not be brought back on-line until repairs were completed. Repairs were completed promptly and the unit was returned to service at 2302 on July 17. Beginning at 2303 July 17 until 2000 July 20 the reactor escalated slowly in power up to 75% and held there for Xenon equilibrium and core physics testing. At 2001 July 20, the D waterbox was taken out of service for Coppertrol injection. July 21, the B waterbox was taken out of service for Coppertrol injection. On July 22 at 2001, the C waterbox was taken off line for Coppertrol injection. The unit was taken off line on July 26 at 0117 until 1650 on July 26 to repair the B Reheat Steam Stop Valve (RHV-2); the actuator was incorrectly installed and prevented full opening of the valve. Repairs were completed and the unit was returned to service.