

OPERATING DATA REPORT

DOCKET NO. 50-302
 DATE 8/4/81
 COMPLETED BY M.W. Culver
 TELEPHONE (904) 795-6486

OPERATING STATUS

1. Unit Name: Crystal River Unit 3
2. Reporting Period: 7/1/81 - 7/31/81
3. Licensed Thermal Power (MWt): 2452
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 825
6. Maximum Dependable Capacity (Gross MWe): 821
7. Maximum Dependable Capacity (Net MW): 782

Notes

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): none
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5087	38447
12. Number Of Hours Reactor Was Critical	437.48	3681.45	23565.96
13. Reactor Reserve Shutdown Hours	3.2	80.0	1209.22
14. Hours Generator On-Line	419	3628.5	22993.88
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	948147	8406071.3	51084481
17. Gross Electrical Energy Generated (MWH)	225077	2842538.2	17346469
18. Net Electrical Energy Generated (MWH)	279104	2702116	16447686
19. Unit Service Factor	56.32%	71.33%	59.81%
20. Unit Availability Factor	56.32%	71.33%	59.81%
21. Unit Capacity Factor (Using MDC Net)	47.97%	67.93%	54.71%
22. Unit Capacity Factor (Using DER Net)	45.47%	64.39%	51.85%
23. Unit Forced Outage Rate	43.68%	22.45%	28.02%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling outage starting 9/27/81 and lasting approximately 11 weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

1/14/77
1/30/77
3/13/77

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July (p. 1 of 2)

DOCKET NO. 50-302
 UNIT NAME FLCRP-3
 DATE 8/4/81
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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 & Corrective Action to Prevent Recurrence
8-41	810701	F	301.9	A	3	N/A	CH	PUMPXX	Continuation of outage from last month. Replaced nuclear instrumentation detectors and repaired cavity cooling fans.
8-42	810709	F	0	A	4	N/A	HF	PUMPXX	Power limited by a shaft failure on circulating water pump. Pump repaired and returned to service on 7/25/81 at 2200.
8-43	810714	F	12.9	G	3	N/A	EC	BATTRY	Turbine/reactor anticipatory trip due to loss of an inverter when an electrician accidentally shorted battery to ground.
81-44	8107-1	S	0	H	4	N/A	RB	CONROD	Power reduction to accomplish swapping of group 7 rods from inserted to withdrawn positions.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July (p. 2 of 2)

DOCKET NO. 50-302
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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 & Corrective Action to Prevent Recurrence
81-45	810731	F	10.2	G	3	N/A	CH	PUMPXX	Reactor trip on high pressure due to loss of a main feedwater pump when a technician accidentally operated the wrong breaker.

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AVERAGE DAILY UNIT POWER LEVEL

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MONTH July 1981

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	114
14	249
15	494
16	693

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	677
18	670
19	670
20	673
21	666
22	568
23	670
24	649
25	635
26	703
27	791
28	790
29	786
30	774
31	358

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.

MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 8/4/81

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MONTH July 1981

SUMMARY STATEMENT:

The month began with the unit in an outage continued from last month. Two additional shutdowns and two major power reductions were also experienced this month.