

# OPERATING DATA REPORT

DOCKET NO. 50-302  
 DATE 6/3/81  
 COMPLETED BY M.W. Culver  
 TELEPHONE (904) 795-6486

## OPERATING STATUS

1. Unit Name: Crystal River Unit 3
2. Reporting Period: 5/1/81 - 5/31/81
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 MWe): 782
8. If Changes Occur in Capacity Ratings (Items 3, 4, 5, 6, 7) During Reporting Period, Give Reason: N/A

9. Power Level To Which Restricted, If Any (Net MWe): none
10. Reasons For Restrictions, If Any: N/A

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	744	3623	36983
12. Number Of Hours Reactor Was Critical	708.5	2565.27	22449.78
13. Reactor Reserve Shutdown Hours	35.5	35.5	1164.72
14. Hours Generator On-Line	706.1	2541.6	21906.98
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1655512	5905867.3	48584277
17. Gross Electrical Energy Generated (MWH)	567150	2026765.2	16530696
18. Net Electrical Energy Generated (MWH)	539579	1928468	15674038
19. Unit Service Factor	94.9%	70.15%	59.24%
20. Unit Availability Factor	94.9%	70.15%	59.24%
21. Unit Capacity Factor (Using MDC Net)	92.74%	68.07%	54.20%
22. Unit Capacity Factor (Using DER Net)	87.91%	64.52%	51.37%
23. Unit Forced Outage Rate	5.09%	20.94%	28.13%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling outage starting 9/19/81 and lasting approximately  
12 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
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INITIAL CRITICALITY	1/14/77
INITIAL ELECTRICITY	1/30/77
COMMERCIAL OPERATION	3/13/77

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1981 (p.1 of 3)

DOCKET NO. 50-302  
 UNIT NAME FLCRP-3  
 DATE 6/3/81  
 COMPILED BY M.W. Culver  
 TELEPHONE (904) 795-6486

No.	Date	Type	Power Level (FWP)	Reason	Method	License Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
81-23	810501	F	6.1	A	N/A	N/A	CH	PUMPXX	Continuation of a power reduction from last month to fix a steam leak on "A" MFWP.
81-24	810501	F	2.8	H	N/A	N/A	IF	INSTRU	Power increase after the completion of reduction no. 81-23 was temporarily prevented due to a neutron error swing in the ICS. When power was eventually increased the oscillations lessened and disappeared at approximately 65%FP.

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 C: Instructions for Preparation of Data Entry Sheet for Licensee Event Report (LER) File (NUREG-0161)

5  
 Exhibit F: Same Source

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY, 1981 (p. 2 of 3)

BUCKET NO 50-302  
 UNIT NAME FLCRP-3  
 DATE 6/3/81  
 COMPLETED BY M.W. Culver  
 TELEPHONE (904) 795-6486

No.	Date	Reason	Power Reduction (MW)	Reason	Power Reduction (MW)	Licensee Event Report #	Method	Component	Class A Unitative Analysis Previous Experience
81-25	810505	F	13.25	B	N/A	N/A	HC	HTEXCH	Reduced power to drop shell in "A" waterbox and clean waterboxes "A" and "B".
81-26	810508	F	37.9	D	2	81-027/01T-0	AA	FILTER	During leakage testing of the auxiliary building charcoal filters, 3 out of four filter banks were declared inoperable. The plant was brought to mode 3 within one hour as required by Technical Specifications. The filter banks were then replaced, retested and declared operable.

1 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 Sheet for Licensee  
 Event Report (LER) File (dtd) G-01c.1

5 Exhibit I - Same Source

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1981 (p. 3 of 3)

BOOK NO. 50-302  
 UNIT NAME FLCBP-3  
 DATE 6/3/81  
 COMPILED BY M.W. Culver  
 TELEPHONE (904) 795-6486

No.	Date	Type	Power (MW)	Reason	Capacity Status or Power Reduction	License Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
81-27	810511	F	3.15	A	N/A	N/A	CH	VALVEX	FWW-15 (Feedwater pump 15 suction isolation) ran closed, main feedwater pump 1B tripped and the plant ran back to approximately 50% FP. Conditions were re-established, MFP-1B restarted.
81-28	810517	F	17.1	B	N/A	N/A	HC	HTEXCH	Reduced power to clean waterboxes A and B.
81-29	810526	F	11.45	B	N/A	N/A	HC	HTEXCH	Reduced power to clean waterboxes A, B, C and D.
81-30	810530	F	5.7	B	N/A	N/A	HC	HTEXCH	Reduced power to clean waterboxes A, B, and C.
81-31	810531	F	2	B	N/A	N/A	HC	HTEXCH	Reduced power to clean waterbox D.

1 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 A: Instructions for Preparation of Data Entry Sheet for License Event Report (LERF) File (NURIG 0101)

5 Exhibit C: Same Source

# AVERAGE DAILY UNIT POWER LEVEL

PROJECT NO. 50-302  
UNIT FLCRP-3  
DATE 6/3/81  
ENGINEERED BY M.W. Culver  
TELEPHONE (904) 795-6486

MONTH May, 1981

DAY	AVERAGE DAILY POWER LEVEL (MW-Net)
1	600
2	799
3	806
4	798
5	792
6	766
7	800
8	558
9	0
10	718
11	740
12	744
13	794
14	800
15	809
16	794

DAY	AVERAGE DAILY POWER LEVEL (MW-Net)
17	700
18	718
19	788
20	799
21	793
22	803
23	784
24	794
25	765
26	757
27	690
28	797
29	785
30	775
31	734

## INSTRUCTIONS

On this format, list the average daily power level in MW-Net for each day of the month. Round off to the nearest whole megawatt.

MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 6/3/81

COMPLETED BY M.W. Culver

TELEPHONE (904) 795-6486

MONTH May, 1981

SUMMARY STATEMENT:

The unit operated at full power during the month with the exception of one outage and eight power reductions.