

OPERATING DATA REPORT

DOCKET NO. 50-302
 DATE DECEMBER 5
 COMPLETED BY: M W CULVER
 TELEPHONE (904) 795-6486

OPERATING STATUS

UNIT NAME CRYSTAL RIVER #3
 REPORTING PERIOD 11/1/79 + 11/30/79
 LICENSED THERMAL POWER (MWT) 2452
 NAMEPLATE RATING (GROSS MWE) 890
 DESIGN ELECTRICAL RATING (NET MWE) 825
 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 835
 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 797

NOTES

IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS

POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
 REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	8016	23832
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4561.9	14419.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	743.5	1116.9
14. HOURS GENERATOR ON-LINE	720.0	4435.0	13979.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1726425	13681623	34278791
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	583815	3385639	10383485
18. NET ELECTRICAL ENERGY GENERATED (MWH)	555728	3201503	9831568
19. UNIT SERVICE FACTOR	100.0%	55.3%	58.7%
20. UNIT AVAILABILITY FACTOR	100.0%	55.3%	58.7%
21. UNIT CAPACITY FACTOR (USING NDC NET)	96.8%	50.1%	51.8%
22. UNIT CAPACITY FACTOR (USING DER NET)	93.6%	48.4%	50.0%
23. UNIT FORCED OUTAGE RATE	0.0%	25.7%	34.0%

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)

PORV Modifications - 12/31/79 7 days duration
Refueling Outage - 4/14/79 45 days duration

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

	FORECAST	ACHIEVED
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):		
INITIAL CRITICALITY	-----	1/14/77
INITIAL ELECTRICITY	-----	1/30/77
COMMERCIAL OPERATION	-----	3/13/77

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POOR ORIGINAL

7912180

398

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 12/10/79

COMPLETED BY M. W. Culver

TELEPHONE (904) 795-6486

MONTH NOVEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>790</u>
2	<u>799</u>
3	<u>784</u>
4	<u>793</u>
5	<u>786</u>
6	<u>743</u>
7	<u>657</u>
8	<u>784</u>
9	<u>789</u>
10	<u>793</u>
11	<u>786</u>
12	<u>790</u>
13	<u>808</u>
14	<u>662</u>
15	<u>667</u>
16	<u>792</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>795</u>
18	<u>795</u>
19	<u>789</u>
20	<u>761</u>
21	<u>723</u>
22	<u>771</u>
23	<u>792</u>
24	<u>786</u>
25	<u>790</u>
26	<u>786</u>
27	<u>788</u>
28	<u>797</u>
29	<u>784</u>
30	<u>774</u>
31	<u>—</u>

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.

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(9/77)

POOR ORIGINAL

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POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-302
UNIT NAME FLCRP-3
DATE 12/10/79
COMPLETED BY M. H. Culver
TELEPHONE (904) 795-6486

REPORT MONTH NOVEMBER

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
79-22	791106	F	29	B	N/A	N/A	HC	HTEXCH	Power reduction due to a high main condenser ΔT; isolated and cleaned "D" waterbox.
79-23	791114	F	48	A	N/A	N/A	HC	HTEXCH	Power reduction to repair a condenser tube leak; leaks were located and repaired.
79-24	791120	F	35.7	A	N/A	N/A	HC	HTEXCH	Power reduction due to salt water leaks in "A" condenser waterbox; located and corrected leaks.
79-25	791130	F	2.75	H	N/A	N/A	HH	HTEXCH	Power reduction due to an oscillating level in 5B FW Heater. This was caused by a gain drift on the MSR drain tank level controller and the controller on the FW Heater drain being partially closed manually. The FW Heater drain controller was opened and the gain on the MSR drain tank level controller was adjusted.

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

(9/77)

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MONTHLY STATUS REPORT REFUELING INFORMATION REQUEST

1. Name of Facility: Crystal River Unit 3
2. Scheduled date of next refueling shutdown: April, 1980.
3. Scheduled date for restart following refueling: June, 1980.
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes. In general, changes to the CR #3 technical specifications will include:
 - a. Moderator Temperature Coefficient (3.1.1.3)
 - b. Control Rod Insertion Limits (3.1.3.6)
 - c. Control Rod Group Assignments (3.1.3.7)
 - d. Axial Imbalance Limits (3.2.1)
 - e. Refueling Boron Concentration (3.9.1)

These specifications will be reviewed and changed as necessary based on the reactivity of the second cycle as compared to that of the first cycle.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: February, 1980.
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, or new operating procedures.

Florida Power Corporation is presently discussing with the NRC staff our intent to request that the power level of CR #3 be raised from the present level of 2452 MW (t) to the ultimate core power level of 2544 MW (t) as described in the CR #3 FSAR. FPC submitted, on February 28, 1979, our reload report justifying Cycle 2 operation of CR #3 at 2544 MW (t). On May 25, 1979, FPC modified its Cycle 2 reload report justifying continued operation of 2452 MW (t). It is our intent to continue our discussions with the NRC in order to obtain the power upgrade at a later date.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
 - a. 177 assemblies
 - b. 60 assemblies
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
 - a. Present storage capacity - Pool A - 120 plus 8 failed fuel assemblies.
Pool B - 120 plus 8 failed fuel assemblies.

8. (Continued)

- b. Filed request on January 9, 1978 with NRC concerning expansion of Pool A from 120 to 544 assemblies plus 6 failed fuel assemblies and expansion of Pool B from 120 to 609 assemblies. Expansion of Pool A is to occur at the refueling in April, 1980. The Pool B expansion will occur at a later refueling outage (approximately 1986).

Additional detailed design information concerning our fuel pool expansion was submitted to the Commission on March 3 and March 28, 1978, January 18, 1979, March 16, 1979, June 29, 1979, September 5, 1979 and October 10, 1979.

- 9. The projected date of the last refueling that can be discharged to the spent fuel assuming the present licensed capacity. 1981-1982.