OPERATING DATA REPORT

DOCKET NO. 50-302
DATE 3/4/80
COMPLETED BY M.W. Culver
TELEPHONE (904) 795-6486

OPERATING STATUS

1. Unit Name: Crystal River #3
2. Reporting Period: 2/1/80 - 2/29/80
3. Licensed Thermal Power (MWt): 2
4. Nameplate Rating (Gross MWe):
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 Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level to Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696	1440	26016
12. Number of Hours Reactor Was Critical	572.5	1305.5	16455.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	1116.9
14. Hours Generator On-Line	568.0	1297.4	15997.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1345568	3085927	35402838
17. Gross Electrical Energy Generated (MWH)	458458	1058396	12030164
18. Net Electrical Energy Generated (MWH)	437893	1009335	11400975
19. Unit Service Factor	81.6%	90.1%	61.5%
20. Unit Availability Factor	81.6%	90.1%	61.5%
21. Unit Capacity Factor (Using MDC Net)	80.5%	89.6%	56.0%
22. Unit Capacity Factor (Using DER Net)	76.3%	85.0%	53.1%
23. Unit Forced Outage Rate	18.4%	62.8%	34.0%

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

Undergoing reevaluation due to present shutdown

25. If Shut Down At End Of Report Period. Estimated Date of Startup: 3/20/80
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		1/14/77
INITIAL ELECTRICITY		1/30/77
COMMERCIAL OPERATION		3/13/77

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 3/3/80

COMPLETED BY M. W. Culver

TELEPHONE 904-795-6486

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	800	17	793
2	796	18	793
3	798	19	794
4	794	20	795
5	784	21	794
6	750	22	795
7	754	23	794
8	778	24	795
9	485	25	651
10	0	26	446
11	224	27	0
12	733	28	0
13	794	29	0
14	757	30	0
15	743	31	0
16	778		

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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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-302
UNIT NAME FLCRP-3
DATE 3/4/80
COMPLETED BY M. W. Culver
TELEPHONE 904-795-6486

REPORT MONTH FEBRUARY

No.	Date	Type[1]	Duration (Hrs)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
80-6	800209	F	46.5	A	1	N/A	RB	CRDRVE	Asymetric fault alarm received; power reduced to 60% for 8.5 hrs. then shutdown for repair when rod 6-1 dropped to its inlimit the 2nd time. Dropped rod due to stator failure.
80-7	800225	F	0	A	4	N/A	CH	PIPEXX	Reduced power to 50% to repair a crack in a weld on the "B" MFWP recirc. line.
80-8	800226	F	81.5	A	3	80-010/01T	IF	INSTRU	Loss of power to part of the plant instrumentation system resulting in a forced shutdown (See Licensee Event Report).

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 1 - Same Source

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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: Currently shut down

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 third cycle as compared to that of the second cycle.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: March, 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 the April 1980 refueling outage.

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 after the refueling in March, 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