

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 2-1-79

COMPLETED BY R. W. Kennedy

TELEPHONE 904-795-6486 ex.168

MONTH JANUARY 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	803
2	800
3	784
4	795
5	769
6	98
7	659
8	712
9	800
10	809
11	801
12	804
13	804
14	803
15	801
16	805

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	306
18	196
19	595
20	772
21	804
22	800
23	802
24	789
25	803
26	790
27	532
28	566
29	766
30	315
31	500

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.

(9/77)

7902140127

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-302
 UNIT NAME FLCRP-3
 DATE 2-1-79
 COMPLETED BY R. W. Kennedy
 TELEPHONE 904-795-6486 ext.168

REPORT MONTH JANUARY

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
79-1	790106	F	17.2	A	2	-----	HA	Instru	Turbine tripped - Suspect momentary high level instrumentation signal from CDHE-2B
79-2	790117	F	23.3	A	2	-----	WE	Valvex	SCHE-1A open (maintenance) CWV-2 (tagged closed) failed (open) causing flooding of Turbine Bldg. basement
-----	790127	S	46.8	B	---	-----	HC	Filter	Installing screens in condensers
	Power Reduction to 70%								
79-3	790130	F	7.5	A	3	-----	CH	PumpXX	Main feed pump FWP-2B failed
-----	790130	F	33.8	B	---	-----	HH	PumpXX	Condensate pump CDP-1A out of service for repairs
	Power Reduction to 76%								

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

OPERATING DATA REPORT

DOCKET NO.: 50-302
 DATE: 2/5/79
 COMPLETED BY: R.W.KENNEDY
 TELEPHONE: (904) 795-6486 EX

OPERATING STATUS

UNIT NAME: CRYSTAL RIVER #3
 REPORTING PERIOD: 1/1/79 + 1/31/79
 LICENSED THERMAL POWER (MWT): 2452
 NAMEPLATE RATING (GROSS MWE): 890
 DESIGN ELECTRICAL RATING (NET MWE): 625
 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 635
 MAXIMUM DEPENDABLE CAPACITY (NET MWE): 797

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 | NOTES |
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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	744.0	744.0	16560.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	707.4	707.4	10564.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	383.4
14. HOURS GENERATOR ON-LINE	695.9	695.9	10240.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1571584.0	1571584.0	22168752.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	538148.2	538148.2	7535994.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	509811.0	509811.0	7139675.7
19. UNIT SERVICE FACTOR	93.5%	93.5%	61.6%
20. UNIT AVAILABILITY FACTOR	93.5%	93.5%	61.8%
21. UNIT CAPACITY FACTOR (USING MDC NET)	71.0%	86.0%	54.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	11%	83.1%	52.3%
23. UNIT FORCED OUTAGE RATE	6.5%	6.5%	35.9%

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

REFUELING SCHEDULED 4-23-79 / PLANNED 5-8 WEEKS

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

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

MONTHLY STATUS REPORT REFUELING INFORMATION REQUEST

1. Name of Facility: Crystal River Unit 3
2. Scheduled date of next refueling shutdown: April, 1979.
3. Scheduled date for restart following refueling: June, 1979.
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, 1979.
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. Additional information concerning our proposed power upgrade for CR #3 will be supplied in forthcoming monthly operating reports.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
 - a) 177 assemblies
 - b) 4 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 April, 1979. 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, March 22, 1978 and January 18, 1979.

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