Florida Power
CORPORATION

December 13, 1989
3F1289-07

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Monthly Operating Report

Dear Sir:

Attached is the Crystal River Unit 3 November 1989 Monthly Operating Report. This report is submitted in accordance with Technical Specification 6.9.1.6.

Sincerely,

Rolf C. Widell, Director
Nuclear Operations Site Support

/wla

Attachment

xc: Regional Administrator, Region II

Senior Resident Inspector

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-302
DATE 12-5-89
COMPLETED BY J. Binkowski
TELEPHONE (904)563-4485

OPERATING STATUS

1. UNIT NAME: CRYSTAL RIVER UNIT 3
2. REPORTING PERIOD: November 1-30, 1989
3. LICENSED THERMAL POWER (MWt): 2544
4. NAMEPLATE RATING (GROSS MWe): 890
5. DESIGN ELECTRICAL RATING (Net MWe): 825
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 860
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 821

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): 516 MWe
10. REASONS FOR RESTRICTIONS, IF ANY: Control Rod 3-2 became unlatched and inserted into the core causing an automatic runback to 60% power.

		THIS MONTH	YR. TO DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	720.0	8016.0	111,504.0
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3581.1	70,384.4
13.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,280.6
14.	HOURS GENERATOR ON-LINE	713.3	3508.7	68,922.1
15.	UNIT RESERVE SHUTDOWN HOURS	2.5	N.A.	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1,681,896	7,672,951.0	155,189,915.0
17.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	580,932.0	2,589,802.0	53,327,577.0
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	552,530.0	2,456,750.0	50,358,392.0
19.	UNIT SERVICE FACTOR	99.1%	43.8%	61.8%
20.	UNIT AVAILABILITY FACTOR	99.1%	43.8%	61.8%
21.	UNIT CAPACITY FACTOR (Using MDC net)	93.5%	37.3%	56.2%
22.	UNIT CAPACITY FACTOR (Using DER net)	93.0%	37.1%	54.7%
23.	UNIT FORCED OUTAGE RATE	0.9%	32.1%	21.7%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (Type, Date, and Duration of Each):
Refueling Outage VII; start 3/14/89, duration of 74 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 11/1/89

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-302
UNIT	FLCRP-3
DATE	12-5-89
COMPLETED BY	J. Binkowski
TELEPHONE	(904) 563-4485

MONTH NOVEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	327	17	803
2	752	18	786
3	803	19	786
4	800	20	833
5	814	21	785
6	795	22	834
7	805	23	779
8	811	24	809
9	808	25	782
10	784	26	590
11	801	27	679
12	803	28	810
13	808	29	799
14	807	30	626
15	796	31	
16	806		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER

DOCKET NO. 50-302
UNIT NAME FLCRP-3
DATE 12-5-89
COMPLETED BY Scot Stewart
TELEPHONE (904) 795-6486

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
89-11	891027	F	6.7	D	4	89-037-00	ID	INSTRU	The plant was taken off-line to replace instrumentation in the High Pressure Injection Cooling System following concerns regarding the Emergency Core Cooling System.
89-12	891125	F	0.0	A	5	N/A	HC	HTEXCH	Reduced load to approximately 72% power to locate and repair three leaking tubes in the main condenser.
89-13	891130	F	0.0	A	5	N/A	RB	CRDRVE	Automatic run back to less than 60% power per Technical Specifications when control rod 3-2 became unlatched and inserted into the core.

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-Auto Scram
4-Continued
5-Reduced Load
9-Other

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)

MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO.	50-302
UNIT	FLCRP-3
DATE	12-5-89
COMPLETED BY	J. Binkowski
TELEPHONE	(904) 563-4485

MONTH NOVEMBER

SUMMARY STATEMENT:

The plant returned to service at 06:40 on November 1, 1989 ending the High Pressure Injection Flow Indicator outage. The unit reduced load during the month to repair a condenser salt leak and repair a feedwater leak on the Feedwater Heater 5B. On November 30, 1989 the plant experienced an automatic runback to less than 60% power when a control rod was inserted into the core.