

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
MARCH, 1983

The Unit experienced no shutdowns or significant power reductions during the month of March.

The following safety-related maintenance was performed in the month of March.

1. Performed miscellaneous maintenance on diesel generators.
2. Installed new bearings and seal in Reactor Makeup Water pump 1A.
3. Repacked #6 and #7 River Water pumps.
4. Overhauled #2 River Water pump.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 4/04/83
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: March, 1983
3. Licensed Thermal Power (MWt): 2652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 854.7
7. Maximum Dependable Capacity (Net MWe): 813.7
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): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

- 1) Cumulative data since 7/30/81, date of commercial operation.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>2160</u>	<u>14,641</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>2160</u>	<u>12,944.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>138.4</u>
14. Hours Generator On-Line	<u>744</u>	<u>2160</u>	<u>12,762.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,969,863</u>	<u>5,715,768</u>	<u>31,137,582</u>
17. Gross Electrical Energy Generated (MWH)	<u>629,722</u>	<u>1,831,374</u>	<u>10,504,608</u>
18. Net Electrical Energy Generated (MWH)	<u>599,640</u>	<u>1,744,006</u>	<u>9,960,056</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>87.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>87.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.0</u>	<u>99.2</u>	<u>83.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.2</u>	<u>97.4</u>	<u>82.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>6.4</u>

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

Refueling outage: September, 1983

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	Forecast	Achieved
26. Units In Test Status (Prior to Commercial Operation):		
INITIAL CRITICALITY	<u>5/06/81</u>	<u>5/08/81</u>
INITIAL ELECTRICITY	<u>5/24/81</u>	<u>5/25/81</u>
COMMERCIAL OPERATION	<u>8/01/81</u>	<u>7/30/81</u>

DOCKET NO. 50-364UNIT 2DATE 4/04/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>806</u>
2	<u>806</u>
3	<u>804</u>
4	<u>803</u>
5	<u>786</u>
6	<u>800</u>
7	<u>801</u>
8	<u>807</u>
9	<u>810</u>
10	<u>813</u>
11	<u>812</u>
12	<u>805</u>
13	<u>806</u>
14	<u>813</u>
15	<u>811</u>
16	<u>805</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>811</u>
18	<u>809</u>
19	<u>805</u>
20	<u>798</u>
21	<u>810</u>
22	<u>810</u>
23	<u>811</u>
24	<u>811</u>
25	<u>809</u>
26	<u>799</u>
27	<u>794</u>
28	<u>807</u>
29	<u>808</u>
30	<u>808</u>
31	<u>807</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 50-364
 UNIT NAME J. M. Farley-Unit 2
 DATE 4/04/83
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

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
There were no unit shutdowns or significant power reductions in the month of March.									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

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