

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
MARCH, 1982

There were three (3) automatic shutdowns, (one (1) continued from 2/28/82), in the month of March.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repaired packing leaks on safety-related valves.
3. Removed circuit ground in CCW Heat Exchanger Room Sump Pump 16A.
4. Repaired evaporator concentrate discharge orifice flange leak.
5. Replaced and adjusted limit switches on safety-related valves.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 4/05/82
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: March, 1982
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

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

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>2,160</u>	<u>5,881</u>
12. Number Of Hours Reactor Was Critical	<u>705.6</u>	<u>1,461.9</u>	<u>5,142.1</u>
13. Reactor Reserve Shutdown Hours	<u>38.4</u>	<u>62.9</u>	<u>103.7</u>
14. Hours Generator On-Line	<u>696.9</u>	<u>1,383.7</u>	<u>5,050.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,541,170</u>	<u>3,259,176</u>	<u>12,725,333</u>
17. Gross Electrical Energy Generated (MWH)	<u>488,732</u>	<u>1,043,436</u>	<u>4,114,814</u>
18. Net Electrical Energy Generated (MWH)	<u>459,902</u>	<u>975,618</u>	<u>3,896,338</u>
19. Unit Service Factor	<u>93.7</u>	<u>64.1</u>	<u>85.9</u>
20. Unit Availability Factor	<u>93.7</u>	<u>64.1</u>	<u>85.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>76.0</u>	<u>55.5</u>	<u>81.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>74.6</u>	<u>54.5</u>	<u>79.9</u>
23. Unit Forced Outage Rate	<u>6.3</u>	<u>35.9</u>	<u>14.1</u>

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

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

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
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 J. M. Farley-Unit 2DATE 4/07/82COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>174</u>
2	<u>300</u>	18	<u>175</u>
3	<u>616</u>	19	<u>463</u>
4	<u>676</u>	20	<u>797</u>
5	<u>673</u>	21	<u>809</u>
6	<u>672</u>	22	<u>816</u>
7	<u>682</u>	23	<u>316</u>
8	<u>693</u>	24	<u>813</u>
9	<u>694</u>	25	<u>818</u>
10	<u>694</u>	26	<u>803</u>
11	<u>694</u>	27	<u>813</u>
12	<u>679</u>	28	<u>828</u>
13	<u>737</u>	29	<u>826</u>
14	<u>750</u>	30	<u>349</u>
15	<u>362</u>	31	<u>806</u>
16	<u>107</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1982

DOCKET NO. 50-364
 UNIT NAME J.M. Farley-Unit 2
 DATE 4/05/82
 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
004	820228	F	21.9	A	3	NA	CH	Pump XX	Continued outage due to reactor trips caused by the cycling of the 2A MFP miniflow and a failure in the DEH System.
005	820315	F	19.7	A	3	NA	HB	Instru	Reactor trip - Turbine trip - caused by an intermittent ground in the MSIV controls.
006	820330	F	5.5	A	3	NA	CH	Pump XX	Unit tripped due to a "B" steam generator feedpump trip.

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