

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

There was one (1) automatic shutdown in the month of April.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced packing on #3 and #6 river water pumps.
3. Unclogged boron injection tank sample lines.
4. Repacked 2B charging pump discharge valve packing.

OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 5/07/82  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: April, 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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

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

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>719</u>	<u>2,879</u>	<u>6,600</u>
12. Number Of Hours Reactor Was Critical	<u>714.9</u>	<u>2,176.8</u>	<u>5,857.0</u>
13. Reactor Reserve Shutdown Hours	<u>4.1</u>	<u>67.0</u>	<u>107.8</u>
14. Hours Generator On-Line	<u>712.6</u>	<u>2,096.3</u>	<u>5,762.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,855,620</u>	<u>5,114,796</u>	<u>14,580,953</u>
17. Gross Electrical Energy Generated (MWH)	<u>600,302</u>	<u>1,643,738</u>	<u>4,715,116</u>
18. Net Electrical Energy Generated (MWH)	<u>571,186</u>	<u>1,546,804</u>	<u>4,467,524</u>
19. Unit Service Factor	<u>99.1</u>	<u>72.8</u>	<u>87.3</u>
20. Unit Availability Factor	<u>99.1</u>	<u>72.8</u>	<u>87.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.6</u>	<u>66.0</u>	<u>83.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.8</u>	<u>64.8</u>	<u>81.7</u>
23. Unit Forced Outage Rate	<u>.9</u>	<u>27.2</u>	<u>12.7</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. 50-364

UNIT J.M. Farley-Unit 2

DATE 5/07/82

COMPLETED BY W.G. Hairston, III

TELEPHONE (205) 899-5156

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>813</u>	17	<u>774</u>
2	<u>795</u>	18	<u>801</u>
3	<u>803</u>	19	<u>801</u>
4	<u>822</u>	20	<u>800</u>
5	<u>816</u>	21	<u>809</u>
6	<u>823</u>	22	<u>823</u>
7	<u>826</u>	23	<u>802</u>
8	<u>819</u>	24	<u>806</u>
9	<u>785</u>	25	<u>718</u>
10	<u>808</u>	26	<u>814</u>
11	<u>804</u>	27	<u>816</u>
12	<u>820</u>	28	<u>804</u>
13	<u>473</u>	29	<u>816</u>
14	<u>774</u>	30	<u>778</u>
15	<u>795</u>	31	<u>      </u>
16	<u>795</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

DOCKET NO. 50-364  
 UNIT NAME J.M. Farley-Unit 2  
 DATE 5/07/82  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

REPORT MONTH April, 1982

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
007	820413	F	6.4	G	3	NA	ED	ZZZZZZ	Reactor trip. LOSP "B" Train due to inadvertent actuation of relays at the switchhouse during routine testing.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

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UNIT 2  
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