

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
October, 1982

In the month of October there were two (2) unit shutdowns.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced Reactor Coolant System Sample Valve V-23 with new valve.
3. Replaced Reactor Coolant System Post Accident Sample System liquid sample spout.
4. Pumped sludge from the bottom of the #1 Recycle Holdup Tank.

OPERATING DATA REPORT

DOCKET NO 50-348
DATE 11/04/82
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: <u>Joseph M. Farley - Unit 1</u>	<div style="border: 1px solid black; padding: 5px;"> <p>Notes</p> <p>1) Cumulative data since 12/01/77, date of commercial operation.</p> </div>
2. Reporting Period: <u>October, 1982</u>	
3. Licensed Thermal Power (MWt): <u>2652</u>	
4. Nameplate Rating (Gross MWe): <u>860</u>	
5. Design Electrical Rating (Net MWe): <u>829</u>	
6. Maximum Dependable Capacity (Gross MWe): <u>844.6</u>	
7. Maximum Dependable Capacity (Net MWe): <u>803.6</u>	
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:	
<u>N/A</u>	
9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u>	
10. Reasons For Restrictions, If Any: <u>N/A</u>	

	This Month	Yr.-to Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>43,104</u>
12. Number Of Hours Reactor Was Critical	<u>727</u>	<u>5,709.2</u>	<u>26,691</u>
13. Reactor Reserve Shutdown Hours	<u>18</u>	<u>122.5</u>	<u>3,614.5</u>
14. Hours Generator On-Line	<u>708.2</u>	<u>5,487.3</u>	<u>25,817</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,710,147</u>	<u>13,779,051</u>	<u>64,723,962</u>
17. Gross Electrical Energy Generated (MWH)	<u>539,634</u>	<u>4,334,240</u>	<u>20,571,192</u>
18. Net Electrical Energy Generated (MWH)	<u>508,982</u>	<u>4,075,094</u>	<u>19,298,818</u>
19. Unit Service Factor	<u>95.1</u>	<u>75.2</u>	<u>59.9</u>
20. Unit Availability Factor	<u>95.1</u>	<u>75.2</u>	<u>59.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>85.0</u>	<u>69.5</u>	<u>55.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>82.4</u>	<u>67.4</u>	<u>54.0</u>
23. Unit Forced Outage Rate	<u>4.9</u>	<u>24.5</u>	<u>19.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage; January 15, 1983; Approximately 11 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup:	<u>N/A</u>	
26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>8/06/77</u>	<u>8/09/77</u>
INITIAL ELECTRICITY	<u>8/20/77</u>	<u>8/18/77</u>
COMMERCIAL OPERATION	<u>12/01/77</u>	<u>12/01/77</u>

DOCKET NO. 50-348UNIT J.M.Farley-Unit 1DATE 11/04/82COMPLETED BY W.G.Hairston, IIITELEPHONE (205)899-5156MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>801</u>
2	<u>802</u>
3	<u>802</u>
4	<u>793</u>
5	<u>790</u>
6	<u>791</u>
7	<u>794</u>
8	<u>792</u>
9	<u>793</u>
10	<u>794</u>
11	<u>796</u>
12	<u>795</u>
13	<u>795</u>
14	<u>802</u>
15	<u>807</u>
16	<u>805</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>809</u>
18	<u>410</u>
19	<u>106</u>
20	<u>395</u>
21	<u>781</u>
22	<u>806</u>
23	<u>380</u>
24	<u>79</u>
25	<u>363</u>
26	<u>552</u>
27	<u>582</u>
28	<u>742</u>
29	<u>806</u>
30	<u>808</u>
31	<u>806</u>

INSTRUCTIONS

In 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 OCTOBER, 1982

DOCKET NO. 50-348
 UNIT NAME J. M. Farley-Unit 1
 DATE 11/04/82
 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
009	821018	F	14.8	G	3	NA	CH	PUMPXX	Reactor trip due to an inadvertent manual trip of the 1A feedwater pump. A subsequent reactor trip occurred due to low steam generator level.
010	821023	F	22.0	G	3	NA	EB	INSTRU	While adjusting the voltage regulator a generator trip occurred due to under-excitation of the main generator. Prior to returning the unit to service two reactor trips occurred due to low steam generator level.

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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UNIT 1
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OPERATING DATA REPORT

DOCKET NO 50-348
DATE 11/04/82
COMPLETED BY W.G.Hairston, III
TELEPHONE (203)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: October, 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): 844.6
7. Maximum Dependable Capacity (Net MWe): 803.6
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes

- 1) Cumulative data since 12/01/77, date of commercial operation.

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

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14. Hours Generator On-Line	708.2	5,487.3	25,817
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