

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

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

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced reactor coolant filter.
3. Disassembled, cleaned, and reassembled 1A Reactor Makeup Water Pump.
4. Disassembled and repaired 1B Service Water Pump.
5. Repacked #9 River Water Pump.

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OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 9/03/82
 COMPLETED BY W. G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5831</u>	<u>41,639</u>
12. Number Of Hours Reactor Was Critical	<u>686.2</u>	<u>4272.3</u>	<u>25,254.1</u>
13. Reactor Reserve Shutdown Hours	<u>57.8</u>	<u>94.4</u>	<u>3,586.4</u>
14. Hours Generator On-Line	<u>674.8</u>	<u>4071.8</u>	<u>24,401.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,679,390</u>	<u>10,256,416</u>	<u>61,201,327</u>
17. Gross Electrical Energy Generated (MWH)	<u>525,216</u>	<u>3,222,370</u>	<u>19,459,322</u>
18. Net Electrical Energy Generated (MWH)	<u>494,242</u>	<u>3,024,096</u>	<u>18,247,820</u>
19. Unit Service Factor	<u>90.7</u>	<u>69.8</u>	<u>58.6</u>
20. Unit Availability Factor	<u>90.7</u>	<u>69.8</u>	<u>58.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.7</u>	<u>64.5</u>	<u>54.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>80.1</u>	<u>62.6</u>	<u>52.9</u>
23. Unit Forced Outage Rate	<u>9.3</u>	<u>29.9</u>	<u>19.8</u>

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

Refueling Outage; January 1, 1983; Approximately 10 weeks

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>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. 50-346

UNIT 1

DATE 9/03/82

COMPLETED BY W. G. Hairston, III

TELEPHONE (205) 899-5156

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>792</u>	17	<u>794</u>
2	<u>790</u>	18	<u>797</u>
3	<u>777</u>	19	<u>798</u>
4	<u>747</u>	20	<u>795</u>
5	<u>788</u>	21	<u>793</u>
6	<u>795</u>	22	<u>793</u>
7	<u>791</u>	23	<u>793</u>
8	<u>791</u>	24	<u>789</u>
9	<u>792</u>	25	<u>786</u>
10	<u>791</u>	26	<u>787</u>
11	<u>158</u>	27	<u>788</u>
12	<u>222</u>	28	<u>615</u>
13	<u>565</u>	29	<u>0</u>
14	<u>753</u>	30	<u>0</u>
15	<u>789</u>	31	<u>203</u>
16	<u>791</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

50-348

DOCKET NO. J. M. Farley-Unit 1
 UNIT NAME
 DATE 9/03/82
 COMPLETED BY W. G. Hairston, III
 TELEPHONE (205) 899-5156

REPORT MONTH August, 1982

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
006	820811	F	17.4	A	1	NA	PC	VALVEX	Unit manually shut down to repair letdown isolation valve 1-CVC-LCV-460 which failed to reopen when stroked during surveillance testing.
007	820828	F	51.8	A	3	NA	CH	INSTRU	Unit tripped when the 1A SGFP tripped due to a faulty thrust bearing monitor.

- 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