

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

There were one (1) manual shutdown (continued from 1/31/82) and one (1) automatic shutdown in the month of February.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repaired letdown orifice isolation valve.
3. Repaired "B" S/G blowdown isolation valve.
4. Complete field inspection performed on reactor coolant pump 2A.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 3/01/82
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: February, 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	672	1,416	5,137
12. Number Of Hours Reactor Was Critical	36.8	756.3	4,436.5
13. Reactor Reserve Shutdown Hours	0	24.5	65.3
14. Hours Generator On-Line	9.8	686.8	4,353.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	10,186.4	1,718,005.6	11,184,163.2
17. Gross Electrical Energy Generated (MWH)	1,704	554,704	3,626,082
18. Net Electrical Energy Generated (MWH)	-8,532	515,716	3,436,436
19. Unit Service Factor	1.5	48.5	84.7
20. Unit Availability Factor	1.5	48.5	84.7
21. Unit Capacity Factor (Using MDC Net)	1.6	44.8	82.2
22. Unit Capacity Factor (Using DER Net)	1.5	43.9	80.7
23. Unit Forced Outage Rate	98.5	51.5	15.3

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 3/01/82COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH February, 1982DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	-0-
2	-0-
3	-0-
4	-0-
5	-0-
6	-0-
7	-0-
8	-0-
9	-0-
10	-0-
11	-0-
12	-0-
13	-0-
14	-0-
15	-0-
16	-0-

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	-0-
18	-0-
19	-0-
20	-0-
21	-0-
22	-0-
23	-0-
24	-0-
25	-0-
26	-0-
27	-0-
28	-40-
29	-0-
30	-0-
31	-0-

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 3/01/82
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

REPORT MONTH February, 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
003	820131	F	648.5	A	1	NA	CB	PUMP XX	Continued unit shutdown due to reactor coolant pump seal leakage.
004	820228	F	13.75	A	3	NA	CH	PUMP XX	Reactor trip due to the receipt of a 2A steam generator low level signal caused by the cycling of the 2A MFP miniflow. A consecutive reactor trip occurred when the unit was being synchronized to the grid due to a failure in the DEH System.

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

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UNIT 2
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FEBRUARY, 1982

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OPERATING DATA REPORT

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(MWe-Net)

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2	-0-
3	-0-
4	-0-
5	-0-
6	-0-
7	-0-
8	-0-
9	-0-
10	-0-
11	-0-
12	-0-
13	-0-
14	-0-
15	-0-
16	-0-

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	-0-
18	-0-
19	-0-
20	-0-
21	-0-
22	-0-
23	-0-
24	-0-
25	-0-
26	-0-
27	-0-
28	-40-
29	-0-
30	-0-
31	-0-

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