

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

In the month of March, there were two (2) unit shutdowns. One automatic shutdown continued from last month and one manual shutdown was initiated on 3/10/82 for a maintenance outage. On March 27, while changing turbine control, a load transient occurred resulting in an increase in the pressurizer pressure. The increase in pressure caused a challenge to the pressurizer PORVs. The PORVs opened and following the decrease in pressure, the PORVs returned to the closed position.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repaired VCT letdown valve.
3. Repacked the 1D service water pump.
4. Adjusted the packing on the "C" CCW Heat Exchanger Service Water Isolation Valve.
5. Repaired pressurizer liquid sample valve.
6. Repaired BIT "1A" recirculation pump.
7. Replaced ruptured disc on recycle evaporator.
8. Adjusted the packing on river water pumps #5 and #9.
9. Repaired the limit switches on all MSIVs.
10. Replaced the motor on H₂ dilution fan 1B.

OPERATING DATA REPORT

DOCKET NO. 50-118
 DATE 4/05/82
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
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): 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>2,160</u>	<u>37,968</u>
12. Number Of Hours Reactor Was Critical	<u>669.3</u>	<u>669.3</u>	<u>21,651.1</u>
13. Reactor Reserve Shutdown Hours	<u>26.4</u>	<u>26.4</u>	<u>3,518.4</u>
14. Hours Generator On-Line	<u>567.5</u>	<u>567.5</u>	<u>20,897.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,254,038</u>	<u>1,254,038</u>	<u>52,198,949</u>
17. Gross Electrical Energy Generated (MWH)	<u>394,708</u>	<u>394,708</u>	<u>16,631,660</u>
18. Net Electrical Energy Generated (MWH)	<u>366,166</u>	<u>349,344</u>	<u>15,573,068</u>
19. Unit Service Factor	<u>76.3</u>	<u>26.3</u>	<u>55.0</u>
20. Unit Availability Factor	<u>76.3</u>	<u>26.3</u>	<u>55.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>61.2</u>	<u>20.1</u>	<u>51.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>59.4</u>	<u>19.5</u>	<u>49.5</u>
23. Unit Forced Outage Rate	<u>20.9</u>	<u>59.2</u>	<u>12.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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. 50-348UNIT J.M. Farley-Unit 1DATE 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>710</u>
2	<u>0</u>	18	<u>789</u>
3	<u>0</u>	19	<u>803</u>
4	<u>0</u>	20	<u>781</u>
5	<u>0</u>	21	<u>798</u>
6	<u>0</u>	22	<u>756</u>
7	<u>78</u>	23	<u>812</u>
8	<u>249</u>	24	<u>805</u>
9	<u>310</u>	25	<u>802</u>
10	<u>34</u>	26	<u>808</u>
11	<u>109</u>	27	<u>804</u>
12	<u>315</u>	28	<u>814</u>
13	<u>557</u>	29	<u>810</u>
14	<u>574</u>	30	<u>801</u>
15	<u>650</u>	31	<u>799</u>
16	<u>663</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1982DOCKET NO. 50-348UNIT NAME J.M. Farley-Unit 1DATE 4/05/82COMPLETED BY W.G. Hairston, IIITELEPHONE (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
001	810910	F	150.1	A	3	NA	EB	GENERA	Continued outage to repair damage to the main generator which occurred September 10, 1981. Refueling rescheduled to take advantage of forced outage situation.
002	820310	S	26.4	B	1	NA	NA	NA	Maintenance outage.

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

(9/77)