

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	719	2,879	6,600
12. Number Of Hours Reactor Was Critical	714.9	2,176.8	5,857.0
13. Reactor Reserve Shutdown Hours	4.1	67.0	107.8
14. Hours Generator On-Line	712.6	2,096.3	5,762.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,855,620	5,114,796	14,580,953
17. Gross Electrical Energy Generated (MWH)	600,302	1,643,738	4,715,116
18. Net Electrical Energy Generated (MWH)	571,186	1,546,804	4,467,524
19. Unit Service Factor	99.1	72.8	87.3
20. Unit Availability Factor	99.1	72.8	87.3
21. Unit Capacity Factor (Using MDC Net)	97.6	66.0	83.2
22. Unit Capacity Factor (Using DER Net)	95.8	64.8	81.7
23. Unit Forced Outage Rate	.9	27.2	12.7
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>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 5/07/82COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH 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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1982

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

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
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.

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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