

# OPERATING DATA REPORT

DOCKET NO. 50-348  
 DATE 5/07/82  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
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): 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	719	2,879	38,687
12. Number Of Hours Reactor Was Critical	708.8	1,378.1	22,359.9
13. Reactor Reserve Shutdown Hours	10.2	36.6	3,528.6
14. Hours Generator On-Line	621.5	1,189.0	21,518.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,523,773	2,777,811	53,722,722
17. Gross Electrical Energy Generated (MWH)	479,394	874,102	17,111,054
18. Net Electrical Energy Generated (MWH)	450,030	799,374	16,023,098
19. Unit Service Factor	86.4	41.3	55.6
20. Unit Availability Factor	86.4	41.3	55.6
21. Unit Capacity Factor (Using MDC Net)	77.9	34.6	51.5
22. Unit Capacity Factor (Using DER Net)	75.5	33.5	50.0
23. Unit Forced Outage Rate	13.6	58.3	21.7
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>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 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>799</u>	17	<u>10</u>
2	<u>801</u>	18	<u>253</u>
3	<u>768</u>	19	<u>375</u>
4	<u>708</u>	20	<u>551</u>
5	<u>796</u>	21	<u>793</u>
6	<u>806</u>	22	<u>799</u>
7	<u>810</u>	23	<u>798</u>
8	<u>806</u>	24	<u>766</u>
9	<u>800</u>	25	<u>745</u>
10	<u>808</u>	26	<u>778</u>
11	<u>810</u>	27	<u>783</u>
12	<u>807</u>	28	<u>787</u>
13	<u>326</u>	29	<u>768</u>
14	<u>-0-</u>	30	<u>798</u>
15	<u>-0-</u>	31	<u></u>
16	<u>-0-</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. 50-348

UNIT NAME J.M. Farley Unit 1

DATE 5/07/82

COMPLETED BY W.G. Hairston, III

TELEPHONE (205) 899-5156

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
003	820413	F	87.8	G	3	NA	ED	ZZZZZZ	Reactor trip. LOSP "B" Train due to inadvertent actuation of relays at the switchhouse during routine testing.
004	820417	F	9.7	G	3	NA	CH	Pump	Reactor trip - turbine trip. Inadvertent trip of the "A" feed pump while maintenance personnel working in the area.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup>  
Exhibit I - Same Source

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

There were two (2) automatic shutdowns 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 #5 and #10 river water pumps.
3. Installed new pump assembly on 1A Service Water Pump.
4. Unclogged Boron Injection Tank recirculation pump discharge drain lines.
5. Replaced and rewired river water B train strainer auto blowdown valve.

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