

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1

NARRATIVE SUMMARY OF OPERATIONS  
SEPTEMBER, 1979

In September, 1979, the Unit Cycle I-II refueling outage continued to perform inspection and repair of anchor bolts.

The following significant safety-related maintenance was performed in September:

1. Conducted vibration tests on Charging Pumps 1A and 1B.
2. Performed an 18 month Preventive Maintenance Procedure on 1B Diesel.
3. Continued work on 2B Diesel.

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# OPERATING DATA REPORT

DOCKET NO. 50-348  
DATE 10/1/79  
COMPLETED BY W. G. Hairston, III  
TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: September, 1979
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): 860\*
7. Maximum Dependable Capacity (Net MWe): 829\*

Notes 1/ Cumulative Data since 12/1/77, date of commercial operation.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

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>720</u>	<u>6,551</u>	<u>16,055</u>
12. Number Of Hours Reactor Was Critical	<u>-0-</u>	<u>1,533.7</u>	<u>9,777.5</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>72.4</u>	<u>1,097.9</u>
14. Hours Generator On-Line	<u>-0-</u>	<u>1,510.8</u>	<u>9,596.5</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>3,556,347.8</u>	<u>24,379,595.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,137,794</u>	<u>7,811,992</u>
18. Net Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,074,286</u>	<u>7,390,112</u>
19. Unit Service Factor	<u>-0-</u>	<u>23.1</u>	<u>59.8</u>
20. Unit Availability Factor	<u>-0-</u>	<u>23.1</u>	<u>59.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0-</u>	<u>19.8</u>	<u>55.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0-</u>	<u>19.8</u>	<u>55.5</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>5.9</u>	<u>7.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling Outage and anchor bolt testing in progress.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: October 26, 1979

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>8/6/77</u>	<u>8/9/77</u>
INITIAL ELECTRICITY	<u>8/20/77</u>	<u>8/18/77</u>
COMMERCIAL OPERATION	<u>12/1/77</u>	<u>12/1/77</u>

\*The Nameplate Rating/Design Electrical Rating will be used for the Maximum Dependable capacity until an accurate value can be determined from operating experience.

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-348

UNIT 1

DATE 10/1/79

COMPLETED BY W. G. Hairston, III

TELEPHONE (205)899-5156

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>-0-</u>
2	<u>-0-</u>
3	<u>-0-</u>
4	<u>-0-</u>
5	<u>-0-</u>
6	<u>-0-</u>
7	<u>-0-</u>
8	<u>-0-</u>
9	<u>-0-</u>
10	<u>-0-</u>
11	<u>-0-</u>
12	<u>-0-</u>
13	<u>-0-</u>
14	<u>-0-</u>
15	<u>-0-</u>
16	<u>-0-</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>-0-</u>
18	<u>-0-</u>
19	<u>-0-</u>
20	<u>-0-</u>
21	<u>-0-</u>
22	<u>-0-</u>
23	<u>-0-</u>
24	<u>-0-</u>
25	<u>-0-</u>
26	<u>-0-</u>
27	<u>-0-</u>
28	<u>-0-</u>
29	<u>-0-</u>
30	<u>-0-</u>
31	<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.

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SeptemberDOCKET NO. 50-348UNIT NAME J.M. Farley-Unit 1DATE 10/1/79COMPLETED BY W.G. Hairston, IIITELEPHONE (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
020	790901	S	720	C	1	N/A	RC	ZZZZZZ	Continuation from August 31, 1979. Refueling Outage in progress. Testing anchor bolts is delaying unit startup.

<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

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