

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
JULY, 1979

In July, 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 July:

1. PCN 78-078, Auto isolation of S/G blowdown on Auxiliary Feedwater start, was completed.
2. PCN 78-217 and PCN 78-218, Power to seismic detectors at the River Water and Service Water structures, were completed.
3. Shaft bearings were placed on the screen wash pump at the River Water structure.
4. The following work was performed on the Diesel Generator Air Start Air Compressors:
  - a. Bearings were renewed for D/G 2C, compressor 'A' motor.
  - b. New diaphragm was installed for D/G 1B, compressor 'A' unloader.
  - c. Cleaned the head and valves for D/G 1B, compressor 'B'.
  - d. Renewed the valves for D/G 1-2A, compressor 'A'.
5. The Chemical Drain Tank pump mechanical seal was replaced twice.
6. Installed hydraulic snubbers following in shop functional testing.

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# OPERATING DATA REPORT

DOCKET NO. 50-348  
 DATE 8/1/79  
 COMPLETED BY W. G. Hairston, III  
 TELEPHONE (205)899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: July, 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\*
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

Notes 1/Cummulative data  
 since 12/1/79, 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>5087</u>	<u>14591</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1533.7</u>	<u>9777.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>72.4</u>	<u>1079.9</u>
14. Hours Generator On-Line	<u>0</u>	<u>1510.8</u>	<u>9596.5</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>29.7</u>	<u>65.8</u>
20. Unit Availability Factor	<u>0</u>	<u>29.7</u>	<u>65.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>25.5</u>	<u>61.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>25.5</u>	<u>61.1</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: 8/31/79

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 8/1/79

COMPLETED BY W. G. Hairston, III

TELEPHONE (205)899-5156

MONTH July

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.

(9/77)

627251

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JulyDOCKET NO. 50-348UNIT NAME J.M. Farley-Unit 1DATE 8/1/79COMPLETED 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	790701	S	744	C	I	N/A	RC	ZZZZZZ	Continuation from June 30, 1979. Refueling Outage in progress. Testing anchor bolts is delaying Unit startup.

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 (LFR) File (NUREG-  
0161)

5 Exhibit I - Same Source