

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
FEBRUARY, 1983

The Unit 1 Cycle 4 - Cycle 5 refueling outage continued through the month of February.

The following safety-related maintenance was performed in the month of February.

1. Performed miscellaneous maintenance on diesel generators.
2. Pressurizer pressure controller 444A was repaired.
3. Replaced charcoal filters in the "A" train Penetration Room Filtration System and the "A" train Control Room Filtration Unit.
4. Replaced "O" rings in Containment Penetration Q1T52B038.
5. Replaced root isolation valves on 1A, 1B and 1C Steam Generator level and flow transmitters.
6. Adjusted packing on #2 and #3 River Water Pumps.

# OPERATING DATA REPORT

DOCKET NO. 50-348  
 DATE 3/02/83  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: February, 1983
3. Licensed Thermal Power (MWt): 2552
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	672	1,416	45,984
12. Number Of Hours Reactor Was Critical	0	332.5	28,480
13. Reactor Reserve Shutdown Hours	0	0	3,614.5
14. Hours Generator On-Line	0	332.5	27,600.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	794,698	69,284,747
17. Gross Electrical Energy Generated (MWH)	146	253,094	22,026,642
18. Net Electrical Energy Generated (MWH)	-4,086	229,978	20,670,198
19. Unit Service Factor	0.0	23.5	60.0
20. Unit Availability Factor	0.0	23.5	60.0
21. Unit Capacity Factor (Using MDC Net)	-.8	20.2	55.9
22. Unit Capacity Factor (Using DER Net)	-.7	19.6	54.2
23. Unit Forced Outage Rate	0.0	0.0	18.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March 25, 1983

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>

DOCK# 50-348

UNIT 1DATE 3/02/83COMPLETED BY W. G. Hairston, IIITELEPHONE (205) 899-5156MONTH FEBRUARYDAY 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>-</u>
30	<u>-</u>
31	<u>-</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 FEBRUARY

DOCKET NO. 50-348  
UNIT NAME J.M. Farley-Unit 1  
DATE 3/02/83  
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
012	830201	S	672	C	3	N/A	N/A	N/A	The Unit 1 Cycle 4 - Cycle 5 refueling outage continued from 1/31/83.

<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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