

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
JANUARY, 1983

The Unit experienced no shutdowns or significant power reductions during the month of January.

The following safety-related maintenance was performed in the month of January:

1. Performed miscellaneous maintenance on diesel generators.
2. Installed new valve stem assembly on HV-8880 (N₂ supply to accumulators).
3. Replaced Component Cooling Water Heat Exchanger room sump pump 15A.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 2/03/83
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: January, 1983
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	<u>744</u>	<u>744</u>	<u>13,225</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>11,528.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>138.4</u>
14. Hours Generator On-Line	<u>744</u>	<u>744</u>	<u>11,346.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,967,195</u>	<u>1,967,195</u>	<u>27,389,009</u>
17. Gross Electrical Energy Generated (MWH)	<u>631,736</u>	<u>631,736</u>	<u>9,304,970</u>
18. Net Electrical Energy Generated (MWH)	<u>601,554</u>	<u>601,554</u>	<u>8,817,604</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>85.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>85.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.4</u>	<u>99.4</u>	<u>81.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.5</u>	<u>97.5</u>	<u>80.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>7.2</u>

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: 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. 50-364

UNIT 2

DATE 2/02/83

COMPLETED BY W.G.Hairston, III

TELEPHONE (205) 899-5156

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>793</u>	17	<u>812</u>
2	<u>812</u>	18	<u>814</u>
3	<u>815</u>	19	<u>814</u>
4	<u>815</u>	20	<u>811</u>
5	<u>812</u>	21	<u>811</u>
6	<u>814</u>	22	<u>796</u>
7	<u>809</u>	23	<u>811</u>
8	<u>788</u>	24	<u>811</u>
9	<u>805</u>	25	<u>813</u>
10	<u>809</u>	26	<u>812</u>
11	<u>809</u>	27	<u>810</u>
12	<u>813</u>	28	<u>812</u>
13	<u>810</u>	29	<u>796</u>
14	<u>811</u>	30	<u>805</u>
15	<u>802</u>	31	<u>805</u>
16	<u>813</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
 UNIT NAME J.M.Farley - Unit 2
 DATE 2/02/83
 COMPLETED BY W.G.Hairston, III
 TELEPHONE (205) 899-5156

REPORT MONTH JANUARY

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
There were no unit shutdowns or significant power reductions in the month of January.									

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 (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source