

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
AUGUST, 1981

There were two (2) power reductions in the month of August.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Major work performed on Diesel Generator 1C.
3. Repacked #2, #4 and #10 River Water Pumps.

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PDR ADOCK 05000348
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OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 9/1/81
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: August, 1981
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 12/1/77, data 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>5,831</u>	<u>32,879</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3,584.8</u>	<u>20,767.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>374.1</u>	<u>2,820.9</u>
14. Hours Generator On-Line	<u>744</u>	<u>3,414.6</u>	<u>20,118.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,902,225.1</u>	<u>8,402,242.9</u>	<u>50,392,134.7</u>
17. Gross Electrical Energy Generated (MWH)	<u>594,430</u>	<u>2,647,304</u>	<u>16,066,712</u>
18. Net Electrical Energy Generated (MWH)	<u>563,044</u>	<u>2,474,430</u>	<u>15,082,180</u>
19. Unit Service Factor	<u>100.0</u>	<u>58.6</u>	<u>61.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>58.6</u>	<u>61.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.2</u>	<u>52.8</u>	<u>57.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>91.3</u>	<u>51.2</u>	<u>55.3</u>
23. Unit Forced Outage Rate	<u>00.0</u>	<u>08.6</u>	<u>07.2</u>

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

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>8/6/77</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>

DOCKET NO. 50-348

UNIT 1

DATE 9/1/81

COMPLETED BY W.G. Hairston, III

TELEPHONE (205)899-5156

MONTH August, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	413
2	725
3	782
4	781
5	778
6	777
7	770
8	784
9	751
10	784
11	784
12	784
13	773
14	753
15	754
16	752

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	756
18	757
19	761
20	758
21	760
22	762
23	760
24	763
25	763
26	767
27	777
28	780
29	780
30	774
31	774

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. 50-348
 UNIT NAME J.M. Farley-Unit 1
 DATE 9/1/81
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

REPORT MONTH August, 1981

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
021	810801	S	0	B	4	N/A	IB	INSTRU	Unit power reduced to and held at 180 MWE (30%) to place flow transmitter FT-426 back in service.
022	810801	F	0	B	4	N/A	HH	INSTRU	Unit held at 643 Mwe (78%) to resolve problems with high pressure heaters 6A & 6B extraction steam MOV's not opening.

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