

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1981

There was one (1) automatic shutdown and one (1) power reduction in the month of September.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced seals and the outboard bearing on 2A Component Cooling Water pump.

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 10/1/81
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

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

Notes: 1) Cumulative data since 7/30/81, 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>1,512</u>	<u>1,512</u>
12. Number Of Hours Reactor Was Critical	<u>709.3</u>	<u>1,478</u>	<u>1,478</u>
13. Reactor Reserve Shutdown Hours	<u>10.7</u>	<u>34.0</u>	<u>34.0</u>
14. Hours Generator On-Line	<u>705.5</u>	<u>1,467.1</u>	<u>1,467.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,837,260.6</u>	<u>3,786,082.5</u>	<u>3,786,082.5</u>
17. Gross Electrical Energy Generated (MWH)	<u>592,994</u>	<u>1,219,690</u>	<u>1,219,690</u>
18. Net Electrical Energy Generated (MWH)	<u>564,164</u>	<u>1,158,250</u>	<u>1,158,250</u>
19. Unit Service Factor	<u>98.0</u>	<u>97.0</u>	<u>97.0</u>
20. Unit Availability Factor	<u>98.0</u>	<u>97.0</u>	<u>97.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.5</u>	<u>92.4</u>	<u>92.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.5</u>	<u>92.4</u>	<u>92.4</u>
23. Unit Forced Outage Rate	<u>02.0</u>	<u>03.0</u>	<u>03.0</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>5/6/81</u>	<u>5/8/81</u>
INITIAL ELECTRICITY	<u>5/24/81</u>	<u>5/25/81</u>
COMMERCIAL OPERATION	<u>8/1/81</u>	<u>7/30/81</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.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-364UNIT 2DATE 10/1/81COMPLETED BY W. G. Hairston, IIITELEPHONE (205)899-5156MONTH September, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>813</u>	17	<u>824</u>
2	<u>807</u>	18	<u>816</u>
3	<u>652</u>	19	<u>776</u>
4	<u>212</u>	20	<u>826</u>
5	<u>801</u>	21	<u>826</u>
6	<u>808</u>	22	<u>823</u>
7	<u>805</u>	23	<u>821</u>
8	<u>807</u>	24	<u>819</u>
9	<u>813</u>	25	<u>816</u>
10	<u>816</u>	26	<u>779</u>
11	<u>810</u>	27	<u>788</u>
12	<u>748</u>	28	<u>817</u>
13	<u>809</u>	29	<u>825</u>
14	<u>812</u>	30	<u>817</u>
15	<u>812</u>	31	<u>----</u>
16	<u>811</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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364UNIT NAME J.M. Farley-Unit 2DATE 10/1/81REPORT MONTH September, 1981COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156

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
029	810903	F	14.5	H	3	N/A	HJ	RELAYX	Turbine Trip-Reactor Trip due to S/G 2A Low Low level. Lost 2B SGFP during STP performance. Relay in control circuitry was adjusted.
030	810927	F	0	D	4	81-067/03L-0	EE	ENGINE	With D/G 1C and D/G 2C inoperable, one D/G must be made operable within 2 hours or be in Mode 3 within the next 6 hours. Unit power reduced to 450 MWe before receiving an extension of T/S action statement time requirements. Returned to 100% power and initiated repairs to both D/G's.

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)

(9/77)

⁵
Exhibit I - Same Source

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