

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1982

There was one unit shutdown 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. Repaired seal leak on 2B Boron Injection Recirculation Pump.
3. Installed replacement handle on Spent Fuel Pool cooling loop return drain valve.

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OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 10/01/82
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley-Unit 2
2. Reporting Period: September, 1982
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	720	6551	10,272
12. Number Of Hours Reactor Was Critical	699.4	5818.2	9,504.4
13. Reactor Reserve Shutdown Hours	20.6	97.6	138.4
14. Hours Generator On-Line	694.2	5726.5	9,393
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,814,278	14,568,592	24,034,749
17. Gross Electrical Energy Generated (MWH)	579,122	4,661,258	7,732,646
18. Net Electrical Energy Generated (MWH)	550,134	4,415,476	7,336,196
19. Unit Service Factor	96.4	87.4	91.4
20. Unit Availability Factor	96.4	87.4	91.4
21. Unit Capacity Factor (Using MDC Net)	93.9	82.8	87.8
22. Unit Capacity Factor (Using DER Net)	92.2	81.3	86.2
23. Unit Forced Outage Rate	3.6	12.6	8.6

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

Refueling Outage; October 22, 1982; Approximately 6 weeks

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	5/06/81	5/08/81
INITIAL ELECTRICITY	5/24/81	5/25/81
COMMERCIAL OPERATION	8/01/81	7/30/81

DOCKET NO. 50-364

UNIT J.M. Farley-Unit 2

DATE 10/04/82

COMPLETED BY W. G. Hairston, III

TELEPHONE (205) 899-5156

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>808</u>	17	<u>798</u>
2	<u>805</u>	18	<u>784</u>
3	<u>806</u>	19	<u>802</u>
4	<u>787</u>	20	<u>804</u>
5	<u>806</u>	21	<u>808</u>
6	<u>807</u>	22	<u>817</u>
7	<u>704</u>	23	<u>817</u>
8	<u>0</u>	24	<u>809</u>
9	<u>608</u>	25	<u>791</u>
10	<u>795</u>	26	<u>812</u>
11	<u>766</u>	27	<u>810</u>
12	<u>796</u>	28	<u>809</u>
13	<u>794</u>	29	<u>810</u>
14	<u>795</u>	30	<u>810</u>
15	<u>799</u>	31	<u>810</u>
16	<u>799</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 10/04/82
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH September, 1982

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
012	820907	F	25.8	G	3	NA	EB	TRANSF	Reactor tripped due to startup transformer breaker DG-15 to 2G 4160V bus inadvertently being opened at the time 2B Diesel Generator output breaker was being closed.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

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