

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

There were no unit shutdowns 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. Repacked #3 River Water Pump.
3. Repaired oil leak on 2A Reactor Makeup Water Pump.
4. Replaced impeller, gaskets, and seals on 2A Reactor Makeup Water Pump.

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 9/03/82
COMPLETED BY W. G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 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:

Notes

- 1) Cumulative data since 7/30/81, date of commercial operation

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	744	5831	9552
12. Number Of Hours Reactor Was Critical	744	5118.8	8805
13. Reactor Reserve Shutdown Hours	0	77.0	117.8
14. Hours Generator On-Line	744	5032.3	8698.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,963,933	12,754,314	22,220,471
17. Gross Electrical Energy Generated (MWH)	625,698	4,082,146	7,153,524
18. Net Electrical Energy Generated (MWH)	595,262	3,865,342	6,786,062
19. Unit Service Factor	100	86.3	91.1
20. Unit Availability Factor	100	86.3	91.1
21. Unit Capacity Factor (Using MDC Net)	98.3	81.5	87.3
22. Unit Capacity Factor (Using DER Net)	96.5	80.0	85.7
23. Unit Forced Outage Rate	0.0	13.7	8.9

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. 50-364UNIT 2DATE 9/03/82COMPLETED BY W. G. Hairston, IIITELEPHONE (205) 899-5156MONTH AugustDAY AVERAGE DAILY POWER LEVEL
(MWe-Net)1 8032 8073 8104 8085 8026 7807 7998 8009 80110 80611 80512 80513 77714 80315 80216 804DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)17 80618 80719 81020 77621 80022 80323 80024 79925 80026 80227 80528 77329 80130 80431 806

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. 50-364

UNIT NAME J. M. Farley-Unit 2DATE 9/03/82COMPLETED BY W. C. Hairston, IIITELEPHONE (205) 899-5156REPORT MONTH August, 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
NO UNIT SHUTDOWNS OR POWER REDUCTIONS IN AUGUST, 1982.									

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

(9/77)

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DOCKET NO. 50-364UNIT 2DATE 9/03/82COMPLETED BY W. G. Hairston, IIITELEPHONE (205) 899-5156MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>803</u>	17	<u>806</u>
2	<u>807</u>	18	<u>807</u>
3	<u>810</u>	19	<u>810</u>
4	<u>808</u>	20	<u>776</u>
5	<u>802</u>	21	<u>800</u>
6	<u>780</u>	22	<u>803</u>
7	<u>799</u>	23	<u>800</u>
8	<u>800</u>	24	<u>799</u>
9	<u>801</u>	25	<u>800</u>
10	<u>806</u>	26	<u>802</u>
11	<u>805</u>	27	<u>805</u>
12	<u>805</u>	28	<u>773</u>
13	<u>777</u>	29	<u>801</u>
14	<u>803</u>	30	<u>804</u>
15	<u>802</u>	31	<u>806</u>
16	<u>804</u>		

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