

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
August, 1988

There were no unit shutdowns or significant power reductions during the month of August.

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

1. The low pressure pumping element was replaced in the 2D service water air compressor.
2. The trim was replaced in charging flow control valve FCV-122.
3. A design change was performed to correct a flow problem in radiation monitors R-11 and R-12.
4. A burned coil was replaced in the 2B air compressor breaker closing coil.
5. The 2B charging pump room cooler was cleaned and its carbon steel studs were replaced with stainless steel studs.
6. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

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**OPERATING DATA REPORT**

DOCKET NO. 50-364  
 DATE 9/1/88  
 COMPLETED BY D. N. Morey  
 TELEPHONE (205)899-5156

**OPERATING STATUS**

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 1988
3. Licensed Thermal Power (Mwt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 863.8
7. Maximum Dependable Capacity (Net MWe): 822.8
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

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

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	5,855	62,160
12. Number Of Hours Reactor Was Critical	744.0	5,855.0	58,748.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	744.0	5,855.0	53,103.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,973,083	15,482,013	134,825,285
17. Gross Electrical Energy Generated (MWH)	641,438	5,105,024	44,308,270
18. Net Electrical Energy Generated (MWH)	610,898	4,866,028	42,017,766
19. Unit Service Factor	100.0	100.0	85.4
20. Unit Availability Factor	100.0	100.0	85.4
21. Unit Capacity Factor (Using MDC Net)	99.8	101.0	82.8
22. Unit Capacity Factor (Using DER Net)	99.0	100.3	81.5
23. Unit Forced Outage Rate	0.0	0.0	4.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	Forecast	Achieved
INITIAL CRITICALITY	05/06/81	05/08/81
INITIAL ELECTRICITY	05/24/81	05/25/81
COMMERCIAL OPERATION	08/01/81	07/30/81

DOCKET NO. 50-364

UNIT 2

DATE SEPTEMBER 1, 1988

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>821</u>	17	<u>821</u>
2	<u>822</u>	18	<u>822</u>
3	<u>821</u>	19	<u>920</u>
4	<u>822</u>	20	<u>820</u>
5	<u>822</u>	21	<u>820</u>
6	<u>820</u>	22	<u>821</u>
7	<u>819</u>	23	<u>820</u>
8	<u>820</u>	24	<u>821</u>
9	<u>821</u>	25	<u>824</u>
10	<u>820</u>	26	<u>825</u>
11	<u>820</u>	27	<u>822</u>
12	<u>819</u>	28	<u>824</u>
13	<u>820</u>	29	<u>821</u>
14	<u>822</u>	30	<u>821</u>
15	<u>820</u>	31	<u>822</u>
16	<u>823</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 SEPTEMBER 1, 1988  
 COMPLETED BY D. H. MOREY  
 TELEPHONE (205) 899-5156

REPORT MONTH AUGUST

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE MONTH OF AUGUST.									

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>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)

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<sup>3</sup>Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>Exhibit G-Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>Exhibit I -Same Source

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W. G. Hairston, III  
Senior Vice President  
Nuclear Operations



Alabama Power

*the southern electric system*

September 12, 1988

Docket No. 50-364

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Joseph M. Farley Nuclear Plant  
Unit 2  
Monthly Operating Data Report

Attached are two (2) copies of the August 1988 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,

  
W. G. Hairston, III

WGH/JGS:mab/1.6

Attachments

xc: Dr. J. N. Grace

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