

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

During the month of August there was one (1) shutdown which occurred on August 31, 1984 due to re-analysis of Cycle II-III eddy current test results which showed significant tube wall degradation in two tubes exceeding the tube plugging limit of Technical Specification 3/4.4.6.

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.

DOCKET NO. 50-364UNIT 2DATE 9-7-84COMPLETED BY J. D. WoodardTELEPHONE (205) 899-5156MONTH August, 1984DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>804</u>
2	<u>801</u>
3	<u>803</u>
4	<u>803</u>
5	<u>803</u>
6	<u>801</u>
7	<u>802</u>
8	<u>802</u>
9	<u>801</u>
10	<u>801</u>
11	<u>803</u>
12	<u>800</u>
13	<u>801</u>
14	<u>802</u>
15	<u>801</u>
16	<u>800</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>801</u>
18	<u>802</u>
19	<u>803</u>
20	<u>803</u>
21	<u>804</u>
22	<u>803</u>
23	<u>802</u>
24	<u>804</u>
25	<u>804</u>
26	<u>801</u>
27	<u>800</u>
28	<u>804</u>
29	<u>800</u>
30	<u>799</u>
31	<u>494</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.

# OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 9-7-84  
 COMPILED BY J.D. Woodard  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 1984
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): 852.5
7. Maximum Dependable Capacity (Net MWe): 809.1
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	<u>744</u>	<u>5,855</u>	<u>27,096</u>
12. Number Of Hours Reactor Was Critical	<u>739.2</u>	<u>5,803.2</u>	<u>24,346</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.0</u>
14. Hours Generator On-Line	<u>739.0</u>	<u>5,754.7</u>	<u>24,053.5</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,951,599</u>	<u>15,078,128</u>	<u>60,415,972</u>
17. Gross Electrical Energy Generated (MWH)	<u>618,924</u>	<u>4,867,680</u>	<u>19,854,556</u>
18. Net Electrical Energy Generated (MWH)	<u>589,240</u>	<u>4,634,062</u>	<u>18,834,088</u>
19. Unit Service Factor	<u>99.3</u>	<u>98.3</u>	<u>88.8</u>
20. Unit Availability Factor	<u>99.3</u>	<u>98.3</u>	<u>88.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9</u>	<u>97.8</u>	<u>85.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.5</u>	<u>95.5</u>	<u>83.8</u>
23. Unit Forced Outage Rate	<u>0.7</u>	<u>1.7</u>	<u>4.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling/maintenance outage, 1/4/85, approximately 5½ weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 9-14-84

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5-6-81</u>	<u>5-8-81</u>
<u>5-24-81</u>	<u>5-25-81</u>
<u>8-1-81</u>	<u>7-30-81</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364  
 UNIT NAME J.M. Farley-Unit 2  
 DATE 9-7-84  
 COMPLETED BY J.D. Woodard  
 TELEPHONE (205) 899-5156

REPORT MONTH August, 1984

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
006	840831	F	5.0	H	1	84-008-00	AB	SG	Unit shut down due to re-analysis of Cycle II-III eddy current test results which showed significant tube wall degradation in two tubes exceeding the tube plugging limit of Technical Specification 3/4.4.6.

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

<sup>2</sup>  
 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)

<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

Mailing Address  
Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 783-6090

R. P. McDonald  
Senior Vice President  
Flintridge Building



September 13, 1984

Docket No. 50-364

Director, Office of Management  
Information and Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

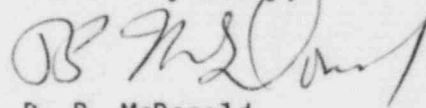
Dear Sir:

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

Attached are two (2) copies of the August 1984 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 2, required by Section 6.9.1.10 of Appendix A of the Technical Specifications. As requested by letter from Mr. John F. Stolz to Mr. Alan R. Barton, dated October 21, 1977, a "Narrative Summary of Operating Experience" is included in the attached report.

If you have any questions, please advise.

Yours very truly,



R. P. McDonald

RPM/KWM:sam

Enclosures

xc: Director, IE (10 copies)  
Director, RII (1 copy)

IE24  
11

bc: Mr. J. M. Farley  
Mr. W. O. Whitt  
Mr. R. P. McDonald  
Mr. H. O. Thrash  
Mr. W. G. Hairston, III  
Mr. L. S. Williams  
Mr. T. H. Nesbit  
Mr. J. D. Woodard  
Mr. A. E. Hammett  
Mr. M. L. Stoltz  
Ms. S. N. Knight  
Mr. J. M. Elliott  
Mr. J. R. Crane  
Mr. B. C. Hunt  
Mr. L. B. Long  
Mr. N. M. Horsley  
Ms. Sylvia Schoel  
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