

OPERATING DATA REPORT

DOCKET NO. 50-348  
 DATE 1-3-86  
 COMPLETED BY J. D. Woodard  
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: December, 1985
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): 860.9
7. Maximum Dependable Capacity (Net MWe): 816.5
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

Notes

1) Cumulative data since 12-1-77, 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	744	8,760	70,872
12. Number Of Hours Reactor Was Critical	744.0	7,504.1	49,633.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	744.0	7,381.2	48,405.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,943,431	18,970,967	122,871,542
17. Gross Electrical Energy Generated (MWH)	648,528	6,209,066	39,303,380
18. Net Electrical Energy Generated (MWH)	616,162	5,868,672	36,997,718
19. Unit Service Factor	100.0	84.3	68.3
20. Unit Availability Factor	100.0	84.3	68.3
21. Unit Capacity Factor (Using MDC Net)	101.4	82.1	65.3
22. Unit Capacity Factor (Using DER Net)	99.9	80.8	63.0
23. Unit Forced Outage Rate	0.0	1.8	11.7
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

Units In Test Status (Prior to Commercial Operat:ion):	Forecast	Achieved
INITIAL CRITICALITY	<u>08-06-77</u>	<u>08-09-77</u>
INITIAL ELECTRICITY	<u>08-20-77</u>	<u>08-18-77</u>
COMMERCIAL OPERATION	<u>12-01-77</u>	<u>12-01-77</u>

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DOCKET NO. 50-348

UNIT 1

DATE 1/3/86

COMPLETED BY J.D. Woodard

TELEPHONE (205)899-5156

MONTH December, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>821</u>	17	<u>833</u>
2	<u>827</u>	18	<u>833</u>
3	<u>831</u>	19	<u>833</u>
4	<u>830</u>	20	<u>833</u>
5	<u>764</u>	21	<u>834</u>
6	<u>830</u>	22	<u>832</u>
7	<u>832</u>	23	<u>832</u>
8	<u>829</u>	24	<u>829</u>
9	<u>829</u>	25	<u>835</u>
10	<u>827</u>	26	<u>833</u>
11	<u>804</u>	27	<u>831</u>
12	<u>822</u>	28	<u>831</u>
13	<u>826</u>	29	<u>831</u>
14	<u>832</u>	30	<u>833</u>
15	<u>833</u>	31	<u>832</u>
16	<u>834</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.** 50-348  
**UNIT NAME** J.M. Farley - Unit 1  
**DATE** 1/3/86  
**COMPLETED BY** J.D. Woodard  
**TELEPHONE** (205) 899-5156

**REPORT MONTH** December

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 DECEMBER.									

<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



Alabama Power  
*the southern electric system*

January 13, 1986

Docket No. 50-348

Director, Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

RE: Joseph M. Farley Nuclear Plant  
Unit 1  
Monthly Operating Data Report

Attached are two (2) copies of the December 1985 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,

R. P. McDonald

RPM/bCE:amh/F-2

Enclosures

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

IE24  
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JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
December, 1985

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

The following major safety-related maintenance was performed in the month of December.

1. Miscellaneous corrective and preventive maintenance was performed on diesel generators.