

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
June, 1984

There were no unit shutdowns or significant power reductions during the month of June. On May 25, 1984, the 1C steam generator atmospheric relief valve lifted four times within a half hour period. A thorough investigation revealed no cause for this event and the valve was returned to service. No further occurrences have been noted.

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.
2. Replaced bearings on 1C diesel generator.
3. Replaced #4 river water pump.
4. Replaced steam generator level transmitter LT-495.

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DOCKET NO. 50-348UNIT 1DATE July 3, 1984COMPLETED BY J. D. WoodardTELEPHONE (205) 899-5156MONTH June, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>825</u>
2	<u>820</u>
3	<u>815</u>
4	<u>813</u>
5	<u>811</u>
6	<u>809</u>
7	<u>807</u>
8	<u>811</u>
9	<u>811</u>
10	<u>811</u>
11	<u>810</u>
12	<u>808</u>
13	<u>805</u>
14	<u>796</u>
15	<u>807</u>
16	<u>806</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>807</u>
18	<u>806</u>
19	<u>805</u>
20	<u>801</u>
21	<u>805</u>
22	<u>809</u>
23	<u>813</u>
24	<u>810</u>
25	<u>811</u>
26	<u>822</u>
27	<u>817</u>
28	<u>813</u>
29	<u>813</u>
30	<u>815</u>
31	<u></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. 50-348  
 DATE July 3, 1984  
 COMPLETED BY J.D. Woodard  
 TELEPHONE (205)899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: June, 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): 841.8
7. Maximum Dependable Capacity (Net MWe): 797.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason: 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	<u>720</u>	<u>4,367</u>	<u>57,695</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>2,588.8</u>	<u>37,712.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>3,650.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>2,504.0</u>	<u>36,607.4</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>1,908,735</u>	<u>6,201,318</u>	<u>92,302,844</u>
17. Gross Electrical Energy Generated (MWH)	<u>616,540</u>	<u>1,990,512</u>	<u>29,333,522</u>
18. Net Electrical Energy Generated (MWH)	<u>583,404</u>	<u>1,861,096</u>	<u>27,562,158</u>
19. Unit Service Factor	<u>100.0</u>	<u>57.3</u>	<u>63.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>57.3</u>	<u>63.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.7</u>	<u>53.5</u>	<u>59.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.7</u>	<u>51.4</u>	<u>57.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.1</u>	<u>14.6</u>
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

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>8-6-77</u>	<u>8-9-77</u>
INITIAL ELECTRICITY	<u>8-20-77</u>	<u>8-18-77</u>
COMMERCIAL OPERATION	<u>12-1-77</u>	<u>12-1-77</u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1984

DOCKET NO. 50-348  
 UNIT NAME J.M. Farley - Unit 1  
 DATE July 3, 1984  
 COMPLETED BY J. D. Woodard  
 TELEPHONE (205) 899-5156

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 JUNE.									

<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  
Telephone 205 783-6090

**R. P. McDonald**

Senior Vice President-  
Nuclear Generation  
Flintridge Building



Alabama Power

*the southern electric system*

July 9, 1984

Docket No. 50-348

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 1  
Monthly Operating Data Report**

Attached are two (2) copies of the June 1984 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, 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: Mr. Ted Cintula (1 copy)  
Director, IE (10 copies)  
Director, RII (1 copy)

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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. E. Hunt  
Mr. L. B. Long  
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