

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
OCTOBER

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

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.
2. Completed re-racking of Unit 1 spent fuel pool. High density storage racks have been installed to increase the capacity to 1407 fuel assemblies.

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DOCKET NO. 50-348

UNIT 1

DATE November 6, 1984

COMPLETED BY J. D. Woodard

TELEPHONE (205) 899-5156

MONTH October, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>826</u>	17	<u>806</u>
2	<u>829</u>	18	<u>708</u>
3	<u>829</u>	19	<u>808</u>
4	<u>828</u>	20	<u>811</u>
5	<u>826</u>	21	<u>809</u>
6	<u>821</u>	22	<u>809</u>
7	<u>819</u>	23	<u>810</u>
8	<u>818</u>	24	<u>811</u>
9	<u>720</u>	25	<u>812</u>
10	<u>818</u>	26	<u>814</u>
11	<u>819</u>	27	<u>814</u>
12	<u>820</u>	28	<u>807</u>
13	<u>820</u>	29	<u>810</u>
14	<u>819</u>	30	<u>811</u>
15	<u>687</u>	31	<u>811</u>
16	<u>810</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 11-6-84  
 COMPLETED BY J. D. Woodard  
 TELEPHONE (205) 899-5156

### OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: October, 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 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	745	7,320	60,648
12. Number Of Hours Reactor Was Critical	745.0	5,541.8	40,665.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	745.0	5,457.0	39,560.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,949,788	14,001,907	100,103,433
17. Gross Electrical Energy Generated (MWH)	632,706	4,514,896	31,857,906
18. Net Electrical Energy Generated (MWH)	599,734	4,255,466	29,956,528
19. Unit Service Factor	100.0	74.5	65.2
20. Unit Availability Factor	100.0	74.5	65.2
21. Unit Capacity Factor (Using MDC Net)	101.0	72.9	62.0
22. Unit Capacity Factor (Using DER Net)	97.1	70.1	59.6
23. Unit Forced Outage Rate	0.0	1.4	13.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

	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>

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH October, 1984

DOCKET NO. 50-348  
 UNIT NAME J.M. Farley - Unit 1  
 DATE 11-6-84  
 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 OCTOBER.

<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)

<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**

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**R. P. McDonald**  
Senior Vice President  
Flintridge Building



**Alabama Power**  
*the southern electric system*

November 9, 1984

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

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