

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
NARRATIVE SUMMARY OF OPERATIONS  
NOVEMBER, 1983

During the month of November, there were no unit shutdowns or significant power reductions.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Disassembled and cleaned A train river water strainer.
3. Repaired 1D and 1E turbine building battery chargers.
4. Rebuilt #8 river water pump.
5. Performed annual PM on 1-2A diesel generator.

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# OPERATING DATA REPORT

DOCKET NO. 50-348  
DATE 12/5/83  
COMPLETED BY W. G. Hairston, III  
TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Earley - Unit I
2. Reporting Period: November, 1983
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): 844.6
7. Maximum Dependable Capacity (Net MWe): 803.6
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	720	8,016	52,584
12. Number Of Hours Reactor Was Critical	720.0	6,231.7	34,379.2
13. Reactor Reserve Shutdown Hours	0.0	36.2	3,650.7
14. Hours Generator On-Line	720.0	6,091.2	33,359.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,909,228	15,638,389	84,128,438
17. Gross Electrical Energy Generated (MWH)	609,250	4,941,998	26,712,582
18. Net Electrical Energy Generated (MWH)	579,162	4,661,032	25,101,252
19. Unit Service Factor	100.0	76.0	63.4
20. Unit Availability Factor	100.0	76.0	63.4
21. Unit Capacity Factor (Using MDC Net)	100.1	72.4	59.4
22. Unit Capacity Factor (Using DER Net)	97.0	70.1	57.6
23. Unit Forced Outage Rate	0.0	1.4	15.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling/maintenance outage, 2/10/84, approximately 8 weeks.

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> |

DOCKET NO. 50-348UNIT 1DATE 12/5/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH November, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>806</u>	17	<u>806</u>
2	<u>808</u>	18	<u>805</u>
3	<u>806</u>	19	<u>800</u>
4	<u>801</u>	20	<u>798</u>
5	<u>809</u>	21	<u>804</u>
6	<u>812</u>	22	<u>803</u>
7	<u>809</u>	23	<u>796</u>
8	<u>803</u>	24	<u>799</u>
9	<u>804</u>	25	<u>808</u>
10	<u>803</u>	26	<u>807</u>
11	<u>807</u>	27	<u>796</u>
12	<u>808</u>	28	<u>802</u>
13	<u>809</u>	29	<u>807</u>
14	<u>803</u>	30	<u>808</u>
15	<u>799</u>	31	<u></u>
16	<u>805</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.

(9/77)

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-348  
 UNIT NAME J.M. Farley-Unit 1  
 DATE 12/5/83  
 COMPLETED BY W.G. Hairston, III  
 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	IN THE MONTH OF NOVEMBER.

<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

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 1  
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NOVEMBER, 1983

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DOCKET NO. 50-348UNIT 1DATE 12/5/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH November, 1983

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REPORT MONTH November, 1983

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 UNIT NAME J.M. Farley-Unit 1  
 DATE 12/5/83  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

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 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 205 783-6081

**F. L. Clayton, Jr.**  
Senior Vice President  
Flintridge Building



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

December 12, 1983

Docket No. 50-348

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

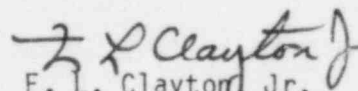
Dear Sir:

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

Attached are two (2) copies of the November, 1983 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, required by Section 6.9.1.10 of the Appendix A 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,

  
F. L. Clayton Jr.

FLCJr/KWM:nac

Enclosures

xc: Mr. Ted Cintula (1 copy)  
Director, IE (10 copies)  
Director, RII (1 copy)

*IE2A*  
*1/1*