

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

The Cycle V-VI refueling outage continued into the month of April. The unit was returned to service on April 24. A manual shutdown occurred on April 24 for performance of the turbine overspeed trip test.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Removed, inspected and reinstalled various hydraulic and mechanical snubbers.
3. Repaired head manual vent valve.
4. Replaced seal injection filters.
5. Replaced reactor coolant filter.
6. Installed balance weight on C RCP coupling.

DOCKET NO. 50-348

UNIT 1

DATE May 8, 1984

COMPLETED BY W. G. Hairston, III

TELEPHONE (205) 899-5156

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>47</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>236</u>
11	<u>0</u>	27	<u>241</u>
12	<u>0</u>	28	<u>231</u>
13	<u>0</u>	29	<u>222</u>
14	<u>0</u>	30	<u>236</u>
15	<u>0</u>	31	<u></u>
16	<u>0</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)

**OPERATING DATA REPORT**

DOCKET NO. 50-348  
 DATE May 8, 1984  
 COMPLETED BY W.G.Hairston, III  
 TELEPHONE (205) 899-5156

**OPERATING STATUS**

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: April, 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	719	2,903	56,231
12. Number Of Hours Reactor Was Critical	186.8	1,124.8	36,248.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.7
14. Hours Generator On-Line	135.5	1,040.0	35,143.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	124,058	2,484,842	88,586,368
17. Gross Electrical Energy Generated (MWH)	35,102	786,814	28,129,824
18. Net Electrical Energy Generated (MWH)	19,404	721,398	26,422,460
19. Unit Service Factor	18.8	35.8	62.5
20. Unit Availability Factor	18.8	35.8	62.5
21. Unit Capacity Factor (Using MDC Net)	3.4	31.2	59.0
22. Unit Capacity Factor (Using DER Net)	3.3	30.0	56.7
23. Unit Forced Outage Rate	0.0	7.1	15.1

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	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**

DOCKET NO. 50-348  
 UNIT NAME J.M. Farley-Unit 1  
 DATE May 8, 1984  
 COMPLETED BY W. G. Hairston, III  
 TELEPHONE (205) 899-5156

REPORT MONTH April, 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
003	840401	S	555.9	C	3	84-002-00	N/A	N/A	The Cycle V-VI refueling outage continued from 2-10-84.
004	840424	S	39.5	B	1	N/A	N/A	N/A	Unit shut down for turbine overspeed trip test.

<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  
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
Flintridge Building Senior Vice President



Alabama Power  
*the southern electric system*

May 11, 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 April 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)

IE24  
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