

## OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 1-7-85  
 COMPLETED BY J.D. Woodard  
 TELEPHONE (205) 899-5156

### OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: December, 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): 852.5
7. Maximum Dependable Capacity (Net MWe): 809.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

**Notes**

1) Cumulative data since 7-30-81, 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	8,784	30,025
12. Number Of Hours Reactor Was Critical	728.9	8,375.7	26,918.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	716.8	8,279.3	26,578.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,771,677	21,514,904	66,852,748
17. Gross Electrical Energy Generated (MWH)	577,374	6,959,406	21,946,282
18. Net Electrical Energy Generated (MWH)	548,136	6,618,896	20,818,922
19. Unit Service Factor	96.3	94.3	88.5
20. Unit Availability Factor	96.3	94.3	88.5
21. Unit Capacity Factor (Using MDC Net)	91.1	93.1	85.7
22. Unit Capacity Factor (Using DER Net)	88.9	90.9	83.6
23. Unit Forced Outage Rate	3.7	5.7	5.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling/maintenance outage 1/4/85, approximately 5 1/2 weeks

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>05-06-81</u>	<u>05-08-81</u>
INITIAL ELECTRICITY	<u>05-24-81</u>	<u>05-25-81</u>
COMMERCIAL OPERATION	<u>08-01-81</u>	<u>07-30-81</u>

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 (9/77)

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
DECEMBER

During the month of December, there was one (1) manually initiated automatic shutdown which occurred on 12-20-84. A significant power reduction occurred on 12-8-84. Power was reduced to approximately 34% of rated thermal power to facilitate a containment entry to repair a level control valve on the letdown line.

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.
2. Repaired LCV-460, a level control valve on the letdown line.

DOCKET NO. 50-364

UNIT 2

DATE 1-7-85

COMPLETED BY J. D. Woodard

TELEPHONE (205) 899-5156

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>833</u>
2	<u>829</u>
3	<u>832</u>
4	<u>840</u>
5	<u>836</u>
6	<u>838</u>
7	<u>840</u>
8	<u>823</u>
9	<u>315</u>
10	<u>521</u>
11	<u>828</u>
12	<u>828</u>
13	<u>822</u>
14	<u>825</u>
15	<u>826</u>
16	<u>825</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>825</u>
18	<u>828</u>
19	<u>823</u>
20	<u>659</u>
21	<u>0</u>
22	<u>311</u>
23	<u>574</u>
24	<u>814</u>
25	<u>824</u>
26	<u>828</u>
27	<u>829</u>
28	<u>825</u>
29	<u>824</u>
30	<u>818</u>
31	<u>815</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. 50-364  
 UNIT NAME J. M. Farley - Unit 2  
 DATE 1-7-85  
 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
008	841208	F	0	A	4	N/A	CB	LCV	Pressurizer level transmitter spiked low causing letdown LCV to isolate. Valve failed to reopen and reactor power was reduced to facilitate containment entry to repair valve.
009	841220	F	27.2	A	2	84-016-00	SD	M	Unit manually tripped upon loss of both steam generator feed pumps on low suction pressure. Occurred when 2A condensate pump was started to maintain feed pump suction pressure during a transient, but was secured due to high bearing temperature.

<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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Telephone 205 783-6090

R. P. McDonald  
Senior Vice President  
Flintridge Building



Alabama Power

Member of the Southern Company

January 8, 1985

Docket No. 50-364

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

Dear Sir:

RE: Joseph M. Farley Nuclear Plant  
Unit 2  
Monthly Operating Data Report

Attached are two (2) copies of the December 1984 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 2, 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)

IE24  
/1

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. 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  
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