

# OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 3-6-84  
 COMPLETED BY W.G. Hairston, III  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: February, 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

### Notes

- 1) Cumulative data since 7-30-81, date of commercial operation.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

N/A

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>696</u>	<u>1,440</u>	<u>22,681</u>
12. Number Of Hours Reactor Was Critical	<u>696.0</u>	<u>1,415.8</u>	<u>19,958.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.0</u>
14. Hours Generator On-Line	<u>696.0</u>	<u>1,378.7</u>	<u>19,677.5</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>1,845,593</u>	<u>3,557,486</u>	<u>48,895,330</u>
17. Gross Electrical Energy Generated (MWH)	<u>607,908</u>	<u>1,164,766</u>	<u>16,151,642</u>
18. Net Electrical Energy Generated (MWH)	<u>579,714</u>	<u>1,107,326</u>	<u>15,307,352</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.7</u>	<u>86.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>95.7</u>	<u>86.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.9</u>	<u>95.0</u>	<u>83.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.5</u>	<u>92.8</u>	<u>81.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.3</u>	<u>5.3</u>

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

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

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5-6-81</u>	<u>5-8-81</u>
<u>5-24-81</u>	<u>5-25-81</u>
<u>8-1-81</u>	<u>7-30-81</u>

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DOCKET NO. 50-364UNIT 2DATE 3-6-84COMPLETED BY W.G. Hayston, IIITELEPHONE (205) 899-5156MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>835</u>
2	<u>835</u>
3	<u>832</u>
4	<u>833</u>
5	<u>836</u>
6	<u>839</u>
7	<u>837</u>
8	<u>832</u>
9	<u>834</u>
10	<u>832</u>
11	<u>832</u>
12	<u>829</u>
13	<u>829</u>
14	<u>834</u>
15	<u>836</u>
16	<u>834</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>833</u>
18	<u>832</u>
19	<u>829</u>
20	<u>831</u>
21	<u>832</u>
22	<u>830</u>
23	<u>830</u>
24	<u>829</u>
25	<u>833</u>
26	<u>833</u>
27	<u>830</u>
28	<u>837</u>
29	<u>838</u>
30	<u></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.

(9/77)

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984

DOCKET NO. 50-364  
 UNIT NAME J.M. Farley-Unit 2  
 DATE 3-6-84  
 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>	Licensor 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 FEBRUARY.

<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

# OPERATING DATA REPORT

DOCKET NO. 50-364  
DATE 3-6-84  
COMPLETED BY W.C. Hairston, III  
TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: January, 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): 809.2

### Notes

- 1) Cumulative data since 7-30-81, date of commercial operation.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
Items 6 and 7 changed due to annual update.

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>744</u>	<u>744</u>	<u>21,985</u>
12. Number Of Hours Reactor Was Critical	<u>719.8</u>	<u>719.8</u>	<u>19,262.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.0</u>
14. Hours Generator On-Line	<u>682.7</u>	<u>682.7</u>	<u>18,981.5</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>1,711,893</u>	<u>1,711,893</u>	<u>47,049,737</u>
17. Gross Electrical Energy Generated (MWH)	<u>556,858</u>	<u>556,858</u>	<u>15,543,734</u>
18. Net Electrical Energy Generated (MWH)	<u>527,612</u>	<u>527,612</u>	<u>14,727,638</u>
19. Unit Service Factor	<u>91.8</u>	<u>91.8</u>	<u>86.3</u>
20. Unit Availability Factor	<u>91.8</u>	<u>91.8</u>	<u>86.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>87.6</u>	<u>87.6</u>	<u>82.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>85.5</u>	<u>85.5</u>	<u>80.8</u>
23. Unit Forced Outage Rate	<u>8.2</u>	<u>8.2</u>	<u>5.4</u>

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>5-6-81</u>	<u>5-8-81</u>
INITIAL ELECTRICITY	<u>5-24-81</u>	<u>5-25-81</u>
COMMERCIAL OPERATION	<u>8-1-81</u>	<u>7-30-81</u>

**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

March 14, 1984

Docket No. 50-364

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 2  
Monthly Operating Data Report**

Attached are two (2) copies of the February 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. Also attached is a revised page for the January 1984 Monthly Operating Report which reflects the proper MDC (Gross) and MDC (Net) that was previously reported incorrectly.

If you have any questions, please advise.

Yours very truly,

*F. L. Clayton, Jr.*  
F. L. Clayton, Jr.

FLCJr/KWM:sam

Enclosures

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

IE24  
1/1

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. T. H. Nesbit  
Mr. O. D. Kingsley, Jr.  
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  
Mr. N. M. Horsley  
Ms. Sylvia Schoel  
Mr. J. C. Miller  
INPO Records Center  
File: Binder Copy  
A-2.1



JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
FEBRUARY, 1984

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

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repacked #6 river water pump.
3. Repacked seal water regulator valve.

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