

# OPERATING DATA REPORT

DOCKET NO. 50-364  
 DATE 9-1-83  
 COMPLETED BY W.C. Hairston, III  
 TELEPHONE (205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 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): 854.7
7. Maximum Dependable Capacity (Net MWe): 813.7
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	<u>744</u>	<u>5,831</u>	<u>18,312</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5,831.0</u>	<u>16,615.5</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.4</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5,831.0</u>	<u>16,433.4</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>1,966,925</u>	<u>15,417,933</u>	<u>40,839,747</u>
17. Gross Electrical Energy Generated (MWH)	<u>606,464</u>	<u>4,865,032</u>	<u>13,538,266</u>
18. Net Electrical Energy Generated (MWH)	<u>576,210</u>	<u>4,627,998</u>	<u>12,844,048</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>89.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>89.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.2</u>	<u>97.5</u>	<u>86.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.4</u>	<u>95.7</u>	<u>84.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>5.1</u>

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

Refueling outage; September 16, 1983; approximately six 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>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>

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DOCKET NO. 50-364UNIT 2DATE 9-1-83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH August, 1983DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>785</u>
2	<u>785</u>
3	<u>781</u>
4	<u>776</u>
5	<u>773</u>
6	<u>774</u>
7	<u>777</u>
8	<u>777</u>
9	<u>777</u>
10	<u>776</u>
11	<u>774</u>
12	<u>773</u>
13	<u>760</u>
14	<u>775</u>
15	<u>781</u>
16	<u>783</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>782</u>
18	<u>779</u>
19	<u>775</u>
20	<u>768</u>
21	<u>769</u>
22	<u>768</u>
23	<u>772</u>
24	<u>772</u>
25	<u>772</u>
26	<u>773</u>
27	<u>771</u>
28	<u>768</u>
29	<u>770</u>
30	<u>771</u>
31	<u>772</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

REPORT MONTH August, 1983

DOCKET NO. 50-364  
 UNIT NAME J.M. Farley Unit, 2  
 DATE 9-1-83  
 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 AUGUST.									

<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

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
NARRATIVE SUMMARY OF OPERATIONS  
AUGUST, 1983

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

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

1. Performed miscellaneous maintenance on diesel generators.
2. Replaced #6 river water pump.
3. Overhauled #3 river water pump motor.
4. Overhauled #7 river water pump.
5. Cleaned out 2B charging pump lube oil cooler.
6. Repaired 2B waste gas compressor unloader valve.
7. Repaired control panel for post accident sampling system.

**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



September 12, 1983

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 August, 1983  
Monthly Operating Report for Joseph M. Farley Nuclear Plant,  
Unit 2, required by Section 6.9.1.10 of the Unit 2 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.*  
F. L. Clayton, Jr.

FLCJr/KWM:nac

Enclosures

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

DESIGNATED ORIGINAL  
Certified By *Mr. Beebe* 10/18/83

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