

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

There were no unit shutdowns or significant power reductions during the month of November.

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.

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PDR ADOCK 05000364
R PDR

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DOCKET NO. 50-364
UNIT 2
DATE 12-5-84
COMPLETED BY J. D. Woodard
TELEPHONE (205) 899-5156

MONTH November, 1984

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>818</u> | 17 | <u>837</u> |
| 2 | <u>823</u> | 18 | <u>826</u> |
| 3 | <u>825</u> | 19 | <u>825</u> |
| 4 | <u>827</u> | 20 | <u>835</u> |
| 5 | <u>828</u> | 21 | <u>838</u> |
| 6 | <u>836</u> | 22 | <u>840</u> |
| 7 | <u>832</u> | 23 | <u>839</u> |
| 8 | <u>838</u> | 24 | <u>839</u> |
| 9 | <u>835</u> | 25 | <u>836</u> |
| 10 | <u>828</u> | 26 | <u>823</u> |
| 11 | <u>836</u> | 27 | <u>819</u> |
| 12 | <u>836</u> | 28 | <u>834</u> |
| 13 | <u>804</u> | 29 | <u>839</u> |
| 14 | <u>839</u> | 30 | <u>837</u> |
| 15 | <u>834</u> | 31 | <u></u> |
| 16 | <u>830</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. 50-364
 DATE 12-5-84
 COMPLETED BY J.D. Woodard
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: November, 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>720</u> | <u>8,040</u> | <u>29,281</u> |
| 12. Number Of Hours Reactor Was Critical | <u>720.0</u> | <u>7,646.8</u> | <u>26,189.6</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>138.0</u> |
| 14. Hours Generator On-Line | <u>720.0</u> | <u>7,562.5</u> | <u>25,861.3</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>1,906,767</u> | <u>19,743,227</u> | <u>65,081,071</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>626,882</u> | <u>6,382,032</u> | <u>21,368,908</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>598,478</u> | <u>6,070,760</u> | <u>20,270,786</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>94.1</u> | <u>88.3</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>94.1</u> | <u>88.3</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>102.7</u> | <u>93.3</u> | <u>85.6</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>100.3</u> | <u>91.1</u> | <u>83.5</u> |
| 23. Unit Forced Outage Rate | <u>0.0</u> | <u>5.9</u> | <u>5.5</u> |

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:

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

| Forecast | Achieved |
|-----------------|-----------------|
| <u>05-06-81</u> | <u>05-08-81</u> |
| <u>05-24-81</u> | <u>05-25-81</u> |
| <u>08-01-81</u> | <u>07-30-81</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1984

DOCKET NO. 50-364
 UNIT NAME J.M. Farley-Unit 2
 DATE 12-5-84
 COMPLETED BY J.D. Woodard
 TELEPHONE (205) 899-5156

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|--|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE MONTH OF NOVEMBER. | | | | | | | | | |

¹
 F: Forced
 S: Scheduled

²
 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)

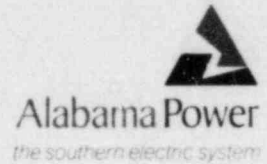
³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 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
Senior Vice President
Flintridge Building



December 10, 1984

Docket No. 50-364

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

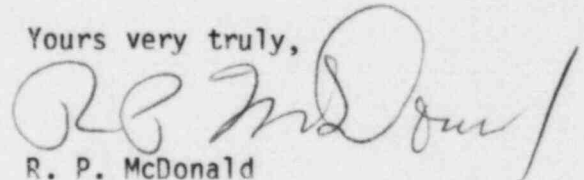
Dear Sir:

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

Attached are two (2) copies of the November 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
1/1