

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
November, 1986

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

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

1. The 2B charging pump was returned to service following maintenance.
2. The 2B pressurizer heater group was repaired and returned to service. The problem was due to grounded circuits in the containment electrical penetration.
3. Miscellaneous corrective and preventive maintenance was performed on diesel generators.

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OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 12/2/86
 COMPLETED BY J. D. Woodard
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: November, 1986
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): 872.2
7. Maximum Dependable Capacity (Net MWe): 829.2
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>720</u>	<u>8,016</u>	<u>46,801</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6,805.6</u>	<u>45,612.2</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>6,714.4</u>	<u>40,106.8</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>1,905,245</u>	<u>17,113,036</u>	<u>101,347,586</u>
17. Gross Electrical Energy Generated (MWH)	<u>626,694</u>	<u>5,634,476</u>	<u>33,357,164</u>
18. Net Electrical Energy Generated (MWH)	<u>597,394</u>	<u>5,338,268</u>	<u>31,627,508</u>
19. Unit Service Factor	<u>100.0</u>	<u>83.8</u>	<u>85.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>83.8</u>	<u>85.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.1</u>	<u>80.3</u>	<u>83.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.1</u>	<u>80.3</u>	<u>81.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.7</u>	<u>4.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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>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>

DOCKET NO. 50-364UNIT TwoDATE 12/02/86COMPLETED BY J.D. WoodardTELEPHONE (205) 899-5156MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>832</u>	17	<u>823</u>
2	<u>833</u>	18	<u>820</u>
3	<u>833</u>	19	<u>832</u>
4	<u>830</u>	20	<u>827</u>
5	<u>827</u>	21	<u>837</u>
6	<u>824</u>	22	<u>838</u>
7	<u>821</u>	23	<u>832</u>
8	<u>825</u>	24	<u>825</u>
9	<u>828</u>	25	<u>823</u>
10	<u>828</u>	26	<u>828</u>
11	<u>824</u>	27	<u>835</u>
12	<u>828</u>	28	<u>831</u>
13	<u>837</u>	29	<u>830</u>
14	<u>841</u>	30	<u>829</u>
15	<u>838</u>	31	<u></u>
16	<u>832</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 November

DOCKET NO. 50-364
 UNIT NAME J.M. Farley-Unit 2
 DATE December 2, 1986
 COMPLETED BY L. 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 of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

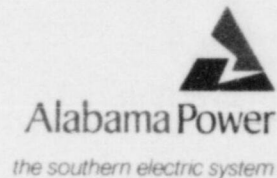
³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵
 Exhibit I - Same Source

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291-0400
Telephone 205 250-1935

R. P. McDonald
Senior Vice President



December 9, 1986

Docket No. 50-364

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

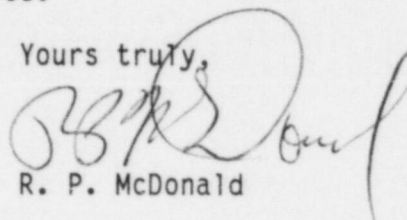
Dear Sir:

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

Attached are two (2) copies of the November 1986 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours truly,



R. P. McDonald

RPM/BCE:pmm/1.70

Enclosures

xc: Director, IE (10 copies)
Director, RII (1 copy)

IE24
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bc: Mr. J. M. Farley
Mr. W. O. Whitt
Mr. R. P. McDonald
Mr. W. G. Hairston, III
Mr. J. D. Woodard (G9.03 & A4.05)
Mr. L. S. Williams
Mr. D. L. Whitson
Mr. J. A. Ripple
Ms. B. C. English
Mr. J. M. Elliott
Mr. J. R. Crane
Mr. B. E. Hunt
Mr. L. B. Long
Mr. C. L. Whatley
Ms. Sylvia Schoel
Mr. C. Eicheldinger
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