

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER

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

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.
2. Continued removing old fuel storage racks from the spent fuel pool. They will be replaced by high density storage racks to increase the capacity to 1407 fuel assemblies.

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DOCKET NO. 50-348UNIT 1DATE 10-4-84COMPLETED BY J.D. WoodardTELEPHONE (205) 899-5156MONTH September, 1984DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>812</u>
2	<u>811</u>
3	<u>812</u>
4	<u>813</u>
5	<u>817</u>
6	<u>819</u>
7	<u>820</u>
8	<u>818</u>
9	<u>819</u>
10	<u>816</u>
11	<u>813</u>
12	<u>811</u>
13	<u>808</u>
14	<u>808</u>
15	<u>808</u>
16	<u>816</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>820</u>
18	<u>821</u>
19	<u>820</u>
20	<u>821</u>
21	<u>318</u>
22	<u>752</u>
23	<u>815</u>
24	<u>815</u>
25	<u>817</u>
26	<u>817</u>
27	<u>817</u>
28	<u>819</u>
29	<u>819</u>
30	<u>822</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.

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 10-4-84
 COMPLETED BY J.D. Woodard
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: September, 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): 841.8
7. Maximum Dependable Capacity (Net MWe): 797.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes

- (1) Cumulative data since 12-1-77, 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>6,575</u>	<u>59,903</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>4,796.8</u>	<u>39,920.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>3,650.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4,712.0</u>	<u>38,815.4</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>1,904,651</u>	<u>12,052,119</u>	<u>98,153,645</u>
17. Gross Electrical Energy Generated (MWH)	<u>617,636</u>	<u>3,882,190</u>	<u>31,225,200</u>
18. Net Electrical Energy Generated (MWH)	<u>585,910</u>	<u>3,655,732</u>	<u>29,356,794</u>
19. Unit Service Factor	<u>100.0</u>	<u>71.7</u>	<u>64.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>71.7</u>	<u>64.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.1</u>	<u>69.8</u>	<u>61.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.2</u>	<u>67.1</u>	<u>59.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.7</u>	<u>13.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

08-06-77

08-09-77

08-20-77

08-18-77

12-01-77

12-01-77

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1984

DOCKET NO. 50-348
 UNIT NAME J.M. Farley-Unit 1
 DATE October 3, 1984
 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 SEPTEMBER.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-348
 UNIT NAME J.M. Farley-Unit 1
 DATE 9-7-84
 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 AUGUST.	

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 Event Report (LER) File (NUREG-
 0161)

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 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



October 8, 1984

Docket No. 50-348

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

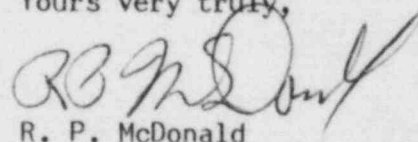
Dear Sir:

**RE: Joseph M. Farley Nuclear Plant
Unit 1
Monthly Operating Data Report**

Attached are two (2) copies of the September 1984 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, 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 corrected copy of the Unit 1 Shutdowns and Powers Reductions for the month of August.

If you have any questions, please advise.

Yours very truly,



R. P. McDonald

RPM/KVM:sam

Enclosures

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

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11

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
Mr. L. B. Long
Mr. N. M. Horsley
Ms. Sylvia Schoel
Mr. J. C. Miller
Mr. Jim Brantley
Mr. Mike Galley
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