

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1983

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

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

1. Performed miscellaneous maintenance on diesel generators.
2. Cleaned out 1A and 1C charging pump oil coolers and service water lines.
3. Repacked #4, #5, and #9 river water pumps.
4. Replaced B waste gas compressor.
5. Repaired excess letdown heat exchanger.

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 10/4/83
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: September 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): 844.6
7. Maximum Dependable Capacity (Net MWe): 803.6
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>6,551</u>	<u>51,119</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>4,788.2</u>	<u>32,935.7</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>25.1</u>	<u>3,639.6</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4,686.3</u>	<u>31,954.5</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>1,909,440</u>	<u>11,939,180</u>	<u>80,429,229</u>
17. Gross Electrical Energy Generated (MWH)	<u>602,894</u>	<u>3,765,154</u>	<u>25,535,702</u>
18. Net Electrical Energy Generated (MWH)	<u>572,866</u>	<u>3,544,802</u>	<u>23,985,022</u>
19. Unit Service Factor	<u>100.0</u>	<u>71.5</u>	<u>62.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>71.5</u>	<u>62.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.0</u>	<u>67.3</u>	<u>58.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.0</u>	<u>65.3</u>	<u>56.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>16.0</u>

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

Refueling/maintenance outage, February 1984, duration unknown at this time.

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

8/6/77
8/20/77
12/1/77

8/9/77
8/18/77
12/1/77

DOCKET NO. 50-748UNIT 1DATE 10/4/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205)899-5156MONTH September, 1983DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>793</u>
2	<u>791</u>
3	<u>789</u>
4	<u>788</u>
5	<u>792</u>
6	<u>793</u>
7	<u>792</u>
8	<u>790</u>
9	<u>788</u>
10	<u>789</u>
11	<u>791</u>
12	<u>791</u>
13	<u>790</u>
14	<u>790</u>
15	<u>797</u>
16	<u>794</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>792</u>
18	<u>792</u>
19	<u>792</u>
20	<u>791</u>
21	<u>794</u>
22	<u>808</u>
23	<u>808</u>
24	<u>806</u>
25	<u>806</u>
26	<u>806</u>
27	<u>804</u>
28	<u>805</u>
29	<u>804</u>
30	<u>803</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 September, 1983

DOCKET NO. 50-348
 UNIT NAME J.M. Farley -Unit 1
 DATE 10/4/83
 COMPLETED BY W.G. Hairston, III
 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	IN 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) Form (NUREG-
 0161)

⁵
 Exhibit I - Same Source

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1983

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	Forecast	Achieved
INITIAL CRITICALITY	<u>8/6/77</u>	<u>8/9/77</u>
INITIAL ELECTRICITY	<u>8/20/77</u>	<u>8/18/77</u>
COMMERCIAL OPERATION	<u>12/1/77</u>	<u>12/1/77</u>

DOCKET NO. 50-348UNIT 1DATE 10/4/83COMPLETED BY W.G. Hairston, IIITELEPHONE (205)899-5156MONTH September, 1983

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INSTRUCTIONS

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(9/77)

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UNIT NAME J.M. Farley -Unit 1
DATE 10/4/83
COMPLETED BY W.G. Hairston, III.
TELEPHONE (205) 899-5156

REPORT MONTH September 1983

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	IN THE MONTH OF SEPTEMBER.	

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)

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

4 Exhibit G - Instructions
for Preparation of Data
Entry Sheets for License
Event Report (LER) (E.O. NUREG
0161)

5 Exhibit I - Same Source

Mailing Address

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 783-6081

F. L. Clayton, Jr.
Senior Vice President
Fontridge Building



Alabama Power

the southern electric system

October 12, 1983

Docket No. 50-348

Director, Office of Management
Information and Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

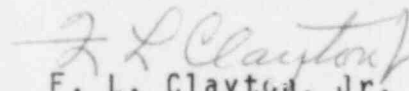
Dear Sir:

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

Attached are two (2) copies of the September, 1983 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, required by Section 6.9.1.10 of the Appendix A 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.

FLCJr/KWM:nac

Enclosures

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

IE24
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