

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
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. Cleaned out 1A charging pump lube oil cooler.
3. Replaced numerous waste evaporator feed filters.
4. Replaced mechanical seal on spent fuel pool skimmer pump.
5. Adjusted numerous packing glands on main steam system valves.

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 9-1-83
 COMPLETED BY W.C. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
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): 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:

Notes

- 1) Cumulative data since 12/1/77, data of commercial operation.

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>744</u>	<u>5,831</u>	<u>50,399</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>4,068.2</u>	<u>32,215.7</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>744.0</u>	<u>3,966.3</u>	<u>31,234.5</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>1,971,688</u>	<u>10,029,740</u>	<u>78,519,789</u>
17. Gross Electrical Energy Generated (MWH)	<u>617,154</u>	<u>3,162,260</u>	<u>24,932,808</u>
18. Net Electrical Energy Generated (MWH)	<u>585,990</u>	<u>2,971,936</u>	<u>23,412,156</u>
19. Unit Service Factor	<u>100.0</u>	<u>68.0</u>	<u>62.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>68.0</u>	<u>62.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.0</u>	<u>63.4</u>	<u>57.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.0</u>	<u>61.5</u>	<u>56.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.7</u>	<u>16.4</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: N/A

26. Units In Test Status (Prior to Commercial Operation):	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 9-1-83COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH August, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>793</u>
2	<u>795</u>
3	<u>792</u>
4	<u>789</u>
5	<u>787</u>
6	<u>785</u>
7	<u>788</u>
8	<u>787</u>
9	<u>786</u>
10	<u>785</u>
11	<u>785</u>
12	<u>787</u>
13	<u>787</u>
14	<u>789</u>
15	<u>795</u>
16	<u>796</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>793</u>
18	<u>792</u>
19	<u>791</u>
20	<u>785</u>
21	<u>783</u>
22	<u>781</u>
23	<u>785</u>
24	<u>783</u>
25	<u>783</u>
26	<u>782</u>
27	<u>788</u>
28	<u>784</u>
29	<u>785</u>
30	<u>788</u>
31	<u>790</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

DOCKET NO. 50-348
UNIT NAME J.M. Farley Unit I
DATE 9/1/83
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH August, 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 AUGUST.

F: Forced
S: Scheduled

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)

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) File (NUREG-
0161)

5 Exhibit I - Same Sound

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



Alabama Power

the southern electric system

September 12, 1983

Docket No. 50-348

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

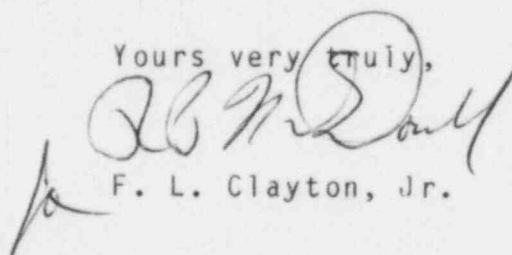
Dear Sir:

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

Attached are two (2) copies of the August, 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)

IE-25

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