

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1983

During the month of September, there was one unit shutdown on September 16, 1983 which initiated the Cycle II - III refueling outage.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repaired 2C CCW pump.
3. Performed vibration analysis on 2A CCW pump.
4. Cleaned out 2A, 2B and 2C charging pump oil coolers and service water lines.
5. Commenced core offload.

IE24

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 10/4/83
COMPLETED BY W. G. Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
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): 854.7
7. Maximum Dependable Capacity (Net MWe): 813.7
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>6,551</u>	<u>19,032</u>
12. Number Of Hours Reactor Was Critical	<u>383.1</u>	<u>6,214.1</u>	<u>16,998.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.4</u>
14. Hours Generator On-Line	<u>383.0</u>	<u>6,214.0</u>	<u>16,816.4</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>937,869</u>	<u>16,355,802</u>	<u>41,777,616</u>
17. Gross Electrical Energy Generated (MWH)	<u>288,648</u>	<u>5,153,680</u>	<u>13,826,914</u>
18. Net Electrical Energy Generated (MWH)	<u>269,658</u>	<u>4,897,656</u>	<u>13,113,706</u>
19. Unit Service Factor	<u>53.2</u>	<u>94.9</u>	<u>88.4</u>
20. Unit Availability Factor	<u>53.2</u>	<u>94.9</u>	<u>88.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>46.0</u>	<u>91.9</u>	<u>84.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>45.2</u>	<u>90.2</u>	<u>83.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>5.0</u>

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

N/A

25. If Shut Down At End Of Report Period. Estimated Date of Startup: October 24, 1983

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>5/6/81</u>	<u>5/8/81</u>
INITIAL ELECTRICITY	<u>5/24/81</u>	<u>5/25/81</u>
COMMERCIAL OPERATION	<u>8/1/81</u>	<u>7/30/81</u>

DOCKET NO. 50-364UNIT 2DATE 10/4/83COMPLETED BY W. G. Hairston, IIITELEPHONE (205)899-5156MONTH September, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>774</u>
2	<u>775</u>
3	<u>770</u>
4	<u>746</u>
5	<u>738</u>
6	<u>734</u>
7	<u>722</u>
8	<u>709</u>
9	<u>702</u>
10	<u>693</u>
11	<u>687</u>
12	<u>678</u>
13	<u>679</u>
14	<u>680</u>
15	<u>678</u>
16	<u>612</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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. 50-364
 UNIT NAME J.M. Farley-Unit 2
 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
001	830916	S	337.0	C	1	N/A	N/A	N/A	Unit was taken off line for the Cycle II - III refueling outage.

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

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
SEPTEMBER, 1983

During the month of September, there was one unit shutdown on September 16, 1983 which initiated the Cycle II - III refueling outage.

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- 1) Cumulative data since 7/30/81, date of commercial operation.

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18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
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29	<u>0</u>
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31	<u> </u>

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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

October 12, 1983

Docket No. 50-364

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

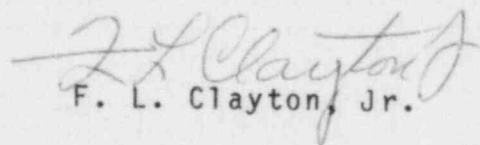
Dear Sir:

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

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

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