

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
MARCH, 1984

During the month of March, there was one (1) automatic shutdown which occurred on March 27, 1984.

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

1. Performed miscellaneous maintenance on diesel generators.
2. Repacked #2 river water pump.
3. Replaced B seal injection filter.

8405020179 840331
PDR ADOCK 05000364
R PDR

DOCKET NO. 50-364UNIT 2DATE 4-3-84COMPLETED BY W.G. Hairston, IIITELEPHONE (205) 899-5156MONTH March, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>840</u>
2	<u>839</u>
3	<u>838</u>
4	<u>835</u>
5	<u>830</u>
6	<u>830</u>
7	<u>836</u>
8	<u>837</u>
9	<u>838</u>
10	<u>839</u>
11	<u>837</u>
12	<u>834</u>
13	<u>827</u>
14	<u>832</u>
15	<u>830</u>
16	<u>828</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>825</u>
18	<u>828</u>
19	<u>827</u>
20	<u>825</u>
21	<u>831</u>
22	<u>830</u>
23	<u>830</u>
24	<u>826</u>
25	<u>824</u>
26	<u>831</u>
27	<u>408</u>
28	<u>167</u>
29	<u>817</u>
30	<u>831</u>
31	<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.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 4-3-84
 COMPLETED BY W.G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: March, 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): 852.5
7. Maximum Dependable Capacity (Net MWe): 809.1

Notes

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

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
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	744	2,184	23,425
12. Number Of Hours Reactor Was Critical	731.9	2,147.7	20,690.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	724.5	2,103.2	20,402.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,895,910	5,453,396	50,791,240
17. Gross Electrical Energy Generated (MWH)	622,002	1,786,768	16,773,644
18. Net Electrical Energy Generated (MWH)	592,374	1,699,700	15,899,726
19. Unit Service Factor	97.4	96.3	87.1
20. Unit Availability Factor	97.4	96.3	87.1
21. Unit Capacity Factor (Using MDC Net)	98.4	96.2	83.9
22. Unit Capacity Factor (Using DER Net)	96.0	93.9	81.9
23. Unit Forced Outage Rate	2.6	3.7	5.2

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: N/A

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

5-6-81

5-8-81

5-24-81

5-25-81

8-1-81

7-30-81

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1984

DOCKET NO. 50-364
 UNIT NAME J. M. Farley-Unit 2
 DATE 4-3-84
 COMPLETED BY W. C. 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
004	840327	F	19.5	H	3	84-004-00	NA	NA	Reactor trip due to lightning induced surges.

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

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

April 11, 1984

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 March 1984 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 2, 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.

If you have any questions, please advise.

Yours very truly,

F. L. Clayton, Jr.

FLCJr/KWM:sam

Enclosures

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

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