

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
JULY, 1985

During the month of July, there were two (2) automatic shutdowns which occurred on 7-15-85 and 7-17-85. Following the automatic shutdown which occurred on 7-15-85, the atmospheric relief valves on all three main steam lines opened. Both circulating water pumps were unavailable following the shutdown. This caused the loss of the steam dump system. Therefore, the atmospheric reliefs were required to reduce the steam pressure. The atmospheric relief valves operated per design.

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.
2. The replacement of containment vertical tendon V31 was completed.

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OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 8-2-85
 COMPLETED BY J. D. Woodard
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: July, 1985
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): 850.2
7. Maximum Dependable Capacity (Net MWe): 807.2
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>744</u>	<u>5,087</u>	<u>35,112</u>
12. Number Of Hours Reactor Was Critical	<u>716.1</u>	<u>3,279.9</u>	<u>30,198.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.0</u>
14. Hours Generator On-Line	<u>692.4</u>	<u>3,211.4</u>	<u>29,789.5</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>1,769,634</u>	<u>8,030,519</u>	<u>74,883,267</u>
17. Gross Electrical Energy Generated (MWH)	<u>587,200</u>	<u>2,665,566</u>	<u>24,611,848</u>
18. Net Electrical Energy Generated (MWH)	<u>556,938</u>	<u>2,509,022</u>	<u>23,327,944</u>
19. Unit Service Factor	<u>93.1</u>	<u>63.1</u>	<u>84.8</u>
20. Unit Availability Factor	<u>93.1</u>	<u>63.1</u>	<u>84.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.7</u>	<u>61.1</u>	<u>82.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.3</u>	<u>59.5</u>	<u>80.1</u>
23. Unit Forced Outage Rate	<u>6.9</u>	<u>2.4</u>	<u>5.1</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: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5-6-81</u>	<u>5-8-81</u>
<u>5-24-81</u>	<u>5-25-81</u>
<u>8-1-81</u>	<u>7-30-81</u>

DOCKET NO. 50-364UNIT 2DATE August 2, 1985COMPLETED BY J. D. HoodardTELEPHONE (205) 899-5156MONTH July, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	824
2	822
3	818
4	819
5	820
6	816
7	817
8	821
9	824
10	824
11	826
12	826
13	827
14	822
15	679
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	411
19	790
20	818
21	817
22	824
23	826
24	826
25	827
26	827
27	827
28	817
29	823
30	824
31	823

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1985

DOCKET NO. 50-364
 UNIT NAME J.M. Farley - Unit 2
 DATE August 2, 1985
 COMPLETED BY J.D. Woodward
 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
005	850715	F	42.1	H	3	85-010-00	N/A	N/A	A reactor trip occurred due to the loss of power in two rod control system power cabinets. This was caused by lightning.
006	850717	F	9.5	A	3	85-011-00	SJ	P	A reactor trip occurred due to low-low level in the 2C steam generator following a steam generator feed pump and main turbine trip caused by high level in the 2A steam generator. The high steam generator level occurred due to a feedwater regulating valve which apparently failed to respond in manual control. The valve was exercised, checked thoroughly and returned to service.

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

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



August 12, 1985

Docket No. 50-364

Director, Office of Resource Management
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 July 1985 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.

If you have any questions, please advise.

Yours very truly,

R. P. McDonald

RPM/SNK:nac/F-2

Enclosures

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

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