

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 9-5-85
 COMPLETED BY J.D. Woodard
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 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

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>35,856</u>
12. Number Of Hours Reactor Was Critical	<u>679.2</u>	<u>3,959.1</u>	<u>30,877.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>138.0</u>
14. Hours Generator On-Line	<u>673.9</u>	<u>3,885.4</u>	<u>30,463.5</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>1,739,953</u>	<u>9,770,472</u>	<u>76,623,220</u>
17. Gross Electrical Energy Generated (MWH)	<u>573,562</u>	<u>3,239,128</u>	<u>25,185,410</u>
18. Net Electrical Energy Generated (MWH)	<u>543,470</u>	<u>3,052,492</u>	<u>23,871,414</u>
19. Unit Service Factor	<u>90.6</u>	<u>66.6</u>	<u>85.0</u>
20. Unit Availability Factor	<u>90.6</u>	<u>66.6</u>	<u>85.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.5</u>	<u>64.9</u>	<u>82.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.1</u>	<u>63.1</u>	<u>80.3</u>
23. Unit Forced Outage Rate	<u>9.4</u>	<u>3.7</u>	<u>5.2</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):	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>

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DOCKET NO. 50-364UNIT 2DATE 9-5-85COMPLETED BY J.D. WoodardTELEPHONE (205) 899-5156MONTH August, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>823</u>	17	<u>811</u>
2	<u>45</u>	18	<u>813</u>
3	<u>0</u>	19	<u>821</u>
4	<u>0</u>	20	<u>824</u>
5	<u>559</u>	21	<u>824</u>
6	<u>810</u>	22	<u>827</u>
7	<u>790</u>	23	<u>827</u>
8	<u>823</u>	24	<u>821</u>
9	<u>820</u>	25	<u>822</u>
10	<u>817</u>	26	<u>823</u>
11	<u>815</u>	27	<u>819</u>
12	<u>818</u>	28	<u>822</u>
13	<u>819</u>	29	<u>823</u>
14	<u>821</u>	30	<u>823</u>
15	<u>824</u>	31	<u>821</u>
16	<u>817</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1985

DOCKET NO. 50-364
 UNIT NAME J. M. Farley-Unit 2
 DATE 9-5-85
 COMPLETED BY L. D. Woodard
 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
007	850802	F	70.1	A	3	85-012-00	EF	INVT	A reactor trip occurred due to Over-temperature-delta-T (OT-delta-T). Prior to the trip, channel 3 of OT-delta-T had failed and had been tripped. The 2B inverter failed causing channel 2 of OT-delta-T to trip providing the 2 out of 3 coincidence on OT-delta-T, causing the reactor trip. The 2B inverter was repaired and subsequently placed back into service.

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 205 783-6090

R. P. McDonald
Senior Vice President
Flintridge Building



September 11, 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 August 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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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
AUGUST, 1985

During the month of August, there was one automatic shutdown which occurred on 8-2-85.

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

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

2. The 2B inverter was repaired and placed back into service. The failure of this inverter contributed to the reactor trip which occurred on 8-2-85.