JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
August

During the month of August there was one (1) shutdown which occurred on August 31, 1984 due to re-analysis of Cycle II-III eddy current test results which showed significant tube wall degradation in two tubes exceeding the tube plugging limit of Technical Specification 3/4.4.6.

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

1. Performed miscellaneous corrective and preventive maintenance on diesel generators.

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DOCKET NO. 50-364
UNIT 2
DATE 9-7-84
COMPLETED BY J.D.Woodard
TELEPHONE (205)899-5156

MONTH August, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	804	17	801
2	801	18	802
3	803	19	803
4	803	20	803
5	803	21	804
6	801	22	803
7	802	23	802
8	802	24	804
9	801	25	804
10	801	26	801
11	803	27	800
12	800	28	804
13	801	29	800
14	802	30	799
15	801	31	494
16	800		

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)

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE 9-7-84
COMPLETED BY J.D.Woodard
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: August, 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
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	744	5,855	27,096
12. Number Of Hours Reactor Was Critical	739.2	5,803.2	24,346
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	739.0	5,754.7	24,053.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,951,599	15,078,128	60,415,972
17. Gross Electrical Energy Generated (MWH)	618,924	4,867,680	19,854,556
18. Net Electrical Energy Generated (MWH)	589,240	4,634,062	18,834,088
19. Unit Service Factor	99.3	98.3	88.8
20. Unit Availability Factor	99.3	98.3	88.8
21. Unit Capacity Factor (Using MDC Net)	97.9	97.8	85.9
22. Unit Capacity Factor (Using DER Net)	95.5	95.5	83.8
23. Unit Forced Outage Rate	0.7	1.7	4.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/maintenance outage, 1/4/85, approximately 5½ weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 9-14-84
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	5-6-81	5-8-81
INITIAL ELECTRICITY	5-24-81	5-25-81
COMMERCIAL OPERATION	8-1-81	7-30-81

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1984

DOCKET NO. 50-364
UNIT NAME J.M. Farley-Unit 2
DATE 9-7-84
COMPLETED BY J.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
006	840831	F	5.0	H	1	84-008-00	AB	SG	Unit shut down due to re-analysis of Cycle II-III eddy current test results which showed significant tube wall degradation in two tubes exceeding the tube plugging limit of Technical Specification 3/4.4.6.

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

(9/77)

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

Alabama Power
the southern electric system

September 13, 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 August 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,

R. P. McDonald

RPM/KWM:sam

Enclosures

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

IE24
1/1

bc: Mr. J. M. Farley
Mr. W. O. Whitt
Mr. R. P. McDonald
Mr. H. O. Thrash
Mr. W. G. Hairston, III
Mr. L. S. Williams
Mr. T. H. Nesbit
Mr. J. D. Woodard
Mr. A. E. Hammett
Mr. M. L. Stoltz
Ms. S. N. Knight
Mr. J. M. Elliott
Mr. J. R. Crane
Mr. B. C. Hunt
Mr. L. B. Long
Mr. N. M. Horsley
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