

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
February, 1987

There were no significant power reductions during the month of February. There was one unit shutdown which occurred on February 28. The reactor tripped due to a spike occurring on channel one of Over-Temperature-delta-T while channel three was in test. This resulted in the required two out of three coincidence and the reactor tripped. The unit returned to power operation on March 1.

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

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

F-6.2

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DOCKET NO. 50-364

UNIT 2

DATE March 2, 1987

COMPLETED BY J. D. Woodard

TELEPHONE (205)899-5156

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>837</u>
2	<u>830</u>
3	<u>833</u>
4	<u>835</u>
5	<u>835</u>
6	<u>836</u>
7	<u>836</u>
8	<u>834</u>
9	<u>839</u>
10	<u>840</u>
11	<u>837</u>
12	<u>832</u>
13	<u>833</u>
14	<u>833</u>
15	<u>829</u>
16	<u>830</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>835</u>
18	<u>837</u>
19	<u>837</u>
20	<u>836</u>
21	<u>836</u>
22	<u>832</u>
23	<u>834</u>
24	<u>835</u>
25	<u>834</u>
26	<u>833</u>
27	<u>833</u>
28	<u>522</u>
29	<u></u>
30	<u></u>
31	<u></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 3/2/87
COMPLETED BY J. D. Woodward
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: February, 1987
3. Licensed Thermal Power (MWt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 864.9
7. Maximum Dependable Capacity (Net MWe): 824.1
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	672	1416	48,961
12. Number Of Hours Reactor Was Critical	663.4	1,061.3	47,417.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	663.4	1,050.8	41,901.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,756,640	2,545,682	105,863,672
17. Gross Electrical Energy Generated (MWH)	580,838	836,444	34,845,714
18. Net Electrical Energy Generated (MWH)	553,212	788,484	33,037,596
19. Unit Service Factor	98.7	74.2	85.6
20. Unit Availability Factor	98.7	74.2	85.6
21. Unit Capacity Factor (Using MDC Net)	99.9	67.6	82.9
22. Unit Capacity Factor (Using DER Net)	99.3	67.2	81.4
23. Unit Forced Outage Rate	1.3	25.8	5.1
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: 3/1/87
26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

05/06/81	05/08/81
05/24/81	05/25/81
08/01/81	07/30/81

DOCKET NO. 50-364

DOCKET NO. 50-364

UNIT NAME	J. N. FARLEY - UNIT 2
DATE	MARCH 2, 1987
COMPLETED BY	J. D. WOODARD
TELEPHONE	(205) 899-5456

REPORT MONTH FEBRUARY

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE	
						EVENT REPORT #				
003	870228	F	8.6*	A	3	87-001-00	JC	XXXXX	The reactor tripped due to a spike occurring on channel one of over-temperature-delta-T (OTAT) while channel three was in test. The indicated Tavg in channel one increased (due to ar. apparent intermittent failure in a lead-lag card) causing the OTAT setpoint to decrease to the actual delta-T value. This resulted in the required two out of three coincidence and the reactor tripped. The channel three OTAT was returned to service, the channel one Tavg was verified to be operating properly and the unit was returned to power operation on 3-1-87. The lead-lag card was subsequently replaced.	
									*The unit returned to service at 0908 on 3-1-87. This duration represents the time the unit was off-line in February.	

1 F: Forced

S: Scheduled

A-Equipment Failure (Explain)

B-Maintenance or Test

C-Refueling

D-Regulatory Restriction

not a substitute for a license

F-Administrative

G-Operational Error (Explain)

H-Other (Explain)

3 Methods:

I-1 Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

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⁴ Exhibit G-Instructions

CHAPTER 9 INSTRUCTIONS for Preparation of Data

Entry Sheets for ⁵ census

Entry sheets not license
Event Report (LER) File (NIREG-

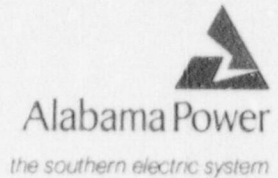
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5 Exhibit T - Same Source

(9/77)

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291-0400
Telephone 205 250-1835

R. P. McDonald
Senior Vice President



March 11, 1987

Docket No. 50-364

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

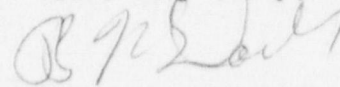
Dear Sir:

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

Attached are two (2) copies of the February 1987 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Yours very truly,



R. P. McDonald

RPM/BCE:mab/F-2

Enclosures

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

IE 24
11

bc: Mr. J. M. Farley
Mr. W. O. Whitt
Mr. R. P. McDonald
Mr. W. G. Hairston, III
Mr. J. D. Woodard (G9.03 & A4.05)
Mr. L. S. Williams
Mr. D. L. Whitson
Mr. J. A. Ripple
Ms. B. C. English
Mr. J. M. Elliott
Mr. J. R. Crane
Mr. B. E. Hunt
Mr. L. B. Long
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