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Alabama Power
the southern electric system

January 15, 1991

Docket No. 50-348

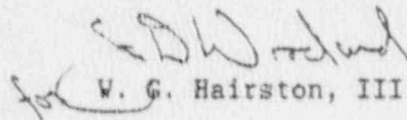
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Joseph M. Farley Nuclear Plant
Unit 1
Monthly Operating Data Report

Attached is the December 1990 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 1, as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,


W. G. Hairston, III

JAR:edb3014

Attachments

cc: Mr. S. D. Ebnetter
Mr. S. T. Hoffman
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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
December, 1990

There were no significant power reductions during the month of December.

The following major safety-related maintenance was performed during the month of December:

1. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.
2. 1C charging pump was removed from service to replace the cooling water relief valve.

OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE January 8, 1991
 COMPLETED BY D. N. Morey
 TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: December 1990
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): 866.1
7. Maximum Dependable Capacity (Net MWe): 823.7
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 12-1-77, date of commercial operation.

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	8,760	114,696
12. Number Of Hours Reactor Was Critical	744.0	8,695.9	88,954.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	744.0	8,681.5	87,391.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,971,698	22,480,064	223,633,981
17. Gross Electrical Energy Generated (MWH)	642,212	7,285,188	72,050,338
18. Net Electrical Energy Generated (MWH)	610,568	6,908,566	68,003,532
19. Unit Service Factor	100.0	99.1	76.2
20. Unit Availability Factor	100.0	99.1	76.2
21. Unit Capacity Factor (Using MDC Net)	99.6	95.7	73.3
22. Unit Capacity Factor (Using DER Net)	99.0	95.1	71.5
23. Unit Forced Outage Rate	0.0	0.9	7.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling/Maintenance outage, March 8, 1991, approximately 7 weeks.</u>			

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>08/06/77</u>	<u>08/09/77</u>
INITIAL ELECTRICITY	<u>08/20/77</u>	<u>08/18/77</u>
COMMERCIAL OPERATION	<u>12/01/77</u>	<u>12/01/77</u>

DOCKET NO. 50-348

UNIT 1

DATE January 8, 1991

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>823</u>	17	<u>817</u>
2	<u>819</u>	18	<u>813</u>
3	<u>818</u>	19	<u>821</u>
4	<u>823</u>	20	<u>815</u>
5	<u>825</u>	21	<u>816</u>
6	<u>826</u>	22	<u>814</u>
7	<u>825</u>	23	<u>813</u>
8	<u>810</u>	24	<u>826</u>
9	<u>828</u>	25	<u>827</u>
10	<u>825</u>	26	<u>826</u>
11	<u>825</u>	27	<u>825</u>
12	<u>825</u>	28	<u>823</u>
13	<u>821</u>	29	<u>817</u>
14	<u>820</u>	30	<u>813</u>
15	<u>821</u>	31	<u>818</u>
16	<u>819</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

DOCKET NO. 50-348
 UNIT NAME J. M. FARLEY - UNIT 1
 DATE January 8, 1991
 COMPLETED BY D. N. MOREY
 TELEPHONE (205)895-5156

REPORT MONTH DECEMBER

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
There were no unit shutdowns or significant power reductions during the month of December.									

¹F: Forced
 S: Scheduled

²Reason:
 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)

³Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴Exhibit G-Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report(LER) File (NUREG-
 0161)

⁵Exhibit I -Same Source