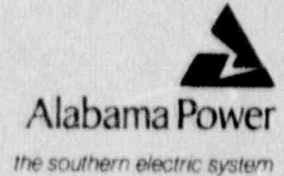


Alabama Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 868-5581

W. G. Hairston, III
Senior Vice President
Nuclear Operations



December 14, 1989

Docket No. 50-364

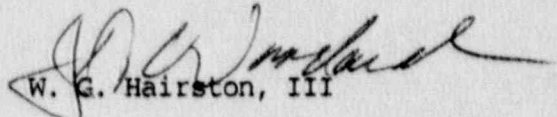
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

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

Attached is the November 1989 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.

Respectfully submitted,


W. G. Hairston, III

JGS:sme/1.5

Attachment

cc: Mr. S. D. Ebner
Mr. E. A. Reeves
Mr. G. F. Maxwell

8912210288 891130
PDR ADOCK 05000364
R FDC

TE2A
11

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
November, 1989

At 0433 on November 18, the reactor tripped following the loss of the inverter which supplies power to the DEHC system. The unit returned to power operation at 0455 on November 19.

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

1. Preventive maintenance was performed on the 2C charging pump.
2. A cell was replaced in the auxiliary building B battery.
3. Nitrogen leaks were repaired on the 2A accumulator.
4. Radiation monitor R-25A was replaced.
5. Some high energy line break sensors were recalibrated.
6. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

OPERATING DATA REPORT

DOCKET NO. 50-364
 DATE 12/6/89
 COMPLETED BY D. N. Morey
 TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: November, 1989
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): 870.3
7. Maximum Dependable Capacity (Net MWe): 829.7
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 7-30-81, date of commercial operation

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720	8,016	73,105
12. Number Of Hours Reactor Was Critical	702.3	6,461.2	55,933.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	695.6	6,295.4	62,328.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,815,074	16,086,752	158,284,388
17. Gross Electrical Energy Generated (MWH)	600,696	5,273,398	52,008,884
18. Net Electrical Energy Generated (MWH)	571,776	4,990,412	49,315,698
19. Unit Service Factor	96.6	78.5	85.3
20. Unit Availability Factor	96.6	78.5	85.3
21. Unit Capacity Factor (Using MDC Net)	95.7	75.0	82.5
22. Unit Capacity Factor (Using DER Net)	95.8	75.1	81.4
23. Unit Forced Outage Rate	3.4	5.2	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</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	05/06/81	05/08/81
INITIAL ELECTRICITY	05/24/81	05/25/81
COMMERCIAL OPERATION	08/01/81	07/30/81

DOCKET NO. 50-364

UNIT 2

DATE DECEMBER 6, 1989

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>839</u>	17	<u>846</u>
2	<u>840</u>	18	<u>135</u>
3	<u>844</u>	19	<u>229</u>
4	<u>844</u>	20	<u>828</u>
5	<u>841</u>	21	<u>838</u>
6	<u>835</u>	22	<u>835</u>
7	<u>831</u>	23	<u>844</u>
8	<u>831</u>	24	<u>845</u>
9	<u>838</u>	25	<u>841</u>
10	<u>840</u>	26	<u>838</u>
11	<u>841</u>	27	<u>845</u>
12	<u>839</u>	28	<u>833</u>
13	<u>836</u>	29	<u>845</u>
14	<u>832</u>	30	<u>847</u>
15	<u>828</u>	31	<u></u>
16	<u>842</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. 50-364
 UNIT NAME J. M. FARLEY - UNIT 2
 DATE DECEMBER 6, 1989
 COMPLETED BY D. N. MOREY
 TELEPHONE (205)894-5156

REPORT MONTH NOVEMBER

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
011	891118	F	24.4	A	3	89-015-00	JJ	INVT	The reactor tripped due to a turbine trip following the loss of the inverter which supplies power to the digital electro-hydraulic control (DEHC) system. The inverter was repaired, testing was performed, and the unit returned to power operation.

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(LEP) File (NUREG-0161)

⁵Exhibit I -Same Source

(9/77)