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W. G. Hairston, III
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February 12, 1991

Alabama Power
the southern electric system

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 January 1991 Monthly Operating Report for Joseph M. Farley Nuclear Plant Unit 2, as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,

For W. G. Hairston, III

JAR:scj04-4351

Attachments

cc: Mr. S. D. Ebneter
Mr. S. T. Hoffman
Mr. G. F. Maxwell

IE24
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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
January, 1991

The cycle 7 - 8 refueling outage continued into the month of January.

The generator was taken off line at 2037 on January 6 to perform a turbine overspeed trip test. The unit returned to power operation at 2158 on January 6.

At approximately 1930 on 1-1-91, during plant heat-up and pressurization in Mode 3, pressurizer power operated relief valve (PORV) 445A opened. The PORV and the PORV block valve were closed immediately. The cause of this event was improper setup of the air operated actuator. The PORV was repaired and returned to service on 1-2-91. The PORV opened previously on 12-31-90 and maintenance had just been completed when the valve opened a second time. The previous opening of the PORV was reported in the December Operating Report.

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

1. The 2B reactor coolant pump was balanced.

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

OPERATING DATA REPORT

DOCKET NO. 50-364
DATE February 7, 1991
COMPLETED BY D. N. Morey
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: January 1991
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): 864.2
7. Maximum Dependable Capacity (Net MWe): 824
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: Gross and Net Maximum Dependable Capacities (items 6 and 7) have been changed due to evaluation of operating experience.
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	744	744	83,353
12. Number Of Hours Reactor Was Critical	677.7	677.7	71,061.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.C
14. Hours Generator On-Line	613.5	613.5	70,164.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,459,221	1,459,221	178,663,170
17. Gross Electrical Energy Generated (MWH)	473,412	473,412	58,679,368
18. Net Electrical Energy Generated (MWH)	444,644	444,644	55,638,766
19. Unit Service Factor	82.5	82.5	84.2
20. Unit Availability Factor	82.5	82.5	84.2
21. Unit Capacity Factor (Using MDC Net)	72.5	72.5	81.5
22. Unit Capacity Factor (Using DER Net)	72.1	72.1	80.5
23. Unit Forced Outage Rate	0	0	4.3

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	05/06/81	05/08/81
INITIAL ELECTRICITY	05/24/81	05/25/81
COMMERCIAL OPERATION	08/01/81	07/30/81

Form 2/30

DOCKET NO. 50-364

UNIT 2

DATE February 7, 1991

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	840
2	0	18	840
3	0	19	837
4	0	20	836
5	0	21	837
6	16	22	839
7	168	23	840
8	195	24	839
9	383	25	839
10	477	26	783
11	758	27	838
12	831	28	832
13	838	29	831
14	837	30	829
15	833	31	836
16	835		

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.

Form 13/21

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. FARLEY - UNIT 2
DATE February 7, 1991
COMPLETED BY D. N. MOREY
TELEPHONE (205)899-5156

REPORT MONTH JANUARY

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
001	910101	S	129.2	C	1	N/A	N/A	N/A	The cycle 7-8 refueling outage continued from 10-13-90.
002	910106	S	1.3	B	N/A	N/A	N/A	N/A	The generator was taken offline for a turbine overspeed trip test. The reactor remained critical during this test.

[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