

Southern Nuclear Operating Company
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 868-5086



Southern Nuclear Operating Company

the southern electric system

J. D. Woodard
Vice President
Farley Project

February 14, 1992

Docket No. 50-364

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

Joseph M. Farley Nuclear Plant
Unit 2

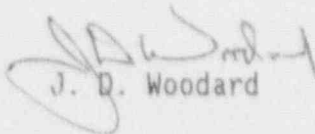
Monthly Operating Data Report

Gentlemen:

Attached is the January 1992 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,


J. D. Woodard

AEJ:edb3014

Attachments

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

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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 2
NARRATIVE SUMMARY OF OPERATIONS
January 1992

There was one reactor trip and one major power reduction during the month of January.

At 0731 on January 22, after ramping down to 65 percent power, the operator manually tripped the reactor due to a service water leak in the main generator exciter housing. This event was caused by a leak which had developed at a coupling between two pipe sections associated with service water cooling for the exciter. The unit returned to power operation at 2035 on January 23.

At 2000 on January 18, power was reduced to approximately 50 percent for main feedwater pump and "B" condensate pump work. The unit returned to 100 percent at 1030 on January 19.

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

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

OPERATING DATA REPORT

DOCKET NO. 50-364

DATE February 5, 1992

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: January 1992
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): 864.3
7. Maximum Dependable Capacity (Net MWe): 824.0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: Item number 6 changed to reflect current output capacity.
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	92,113.0
12. Number Of Hours Reactor Was Critical	726	726	79,590.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-Line	707	707	78,635.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,853,266.9	1,853,266.9	200,812,588.5
17. Gross Electrical Energy Generated (MWH)	611,800	611,800	65,907,884.0
18. Net Electrical Energy Generated (MWH)	581,664	581,664	62,515,726.0
19. Unit Service Factor	95.0	95.0	85.4
20. Unit Availability Factor	95.0	95.0	85.4
21. Unit Capacity Factor (Using MDC Net)	94.9	95.9	82.8
22. Unit Capacity Factor (Using DER Net)	94.3	94.3	81.9
23. Unit Forced Outage Rate	5.0	5.0	4.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling/Maintenance Outage, March 6, 1992, Approximately 7 weeks			
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
INITIAL ELECTRICITY
COMMERCIAL OPERATION

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

DOCKET NO. 20-364UNIT 2DATE February 5, 1992COMPLETED BY D. N. MoreyTELEPHONE (205)899-5156MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>837</u>
2	<u>834</u>
3	<u>834</u>
4	<u>836</u>
5	<u>836</u>
6	<u>836</u>
7	<u>836</u>
8	<u>835</u>
9	<u>830</u>
10	<u>835</u>
11	<u>838</u>
12	<u>833</u>
13	<u>828</u>
14	<u>839</u>
15	<u>841</u>
16	<u>841</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>841</u>
18	<u>811</u>
19	<u>744</u>
20	<u>839</u>
21	<u>840</u>
22	<u>238</u>
23	<u>0</u>
24	<u>720</u>
25	<u>838</u>
26	<u>837</u>
27	<u>836</u>
28	<u>836</u>
29	<u>835</u>
30	<u>834</u>
31	<u>834</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 February 5, 1992
 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	920122	F	37.07	A	1	92-001	KB	CLR	At 0731 on January 22, while operating at 65 percent power the operator manually tripped the reactor due to a service water leak in main generator exciter housing. This event was caused by a leak which had developed at a coupling between two pipe sections associated with service water cooling for the exciter. The unit returned to power operation at 2035 on January 23.
002	920118	S	14.5	B	4	N/A	JK	N/A	At 2000 on January 18, power was reduced to approximately 60 percent for main feedwater pump and "B" condensate pump work. The unit returned to 100 percent power at 1030 on January 19.

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