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J. D. Woodard
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Farley Project

June 11, 1991



Docket No. 50-348

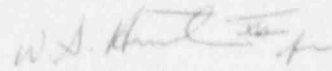
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

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

Attached is the May 1991 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,


J. D. Woodard

AEJ:edb3014

Attachments

cc: Mr. S. D. Ebnetter
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JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
May 1991

The cycle 10-11 refueling outage continued into the month of May. Power operation began at 2314 on 5-19-91.

The generator was taken off line at 1231 on 5-20-91 to perform a turbine overspeed trip test. The unit returned to power operation at 1456 on 5-20-91.

At 0050 on 5-24-91, with the unit operating at approximately 78 per cent power, a reactor trip occurred when the two-out-of-three coincidence was satisfied for over-temperature-delta-temperature (OTDT). Work in progress on pressurizer pressure instrument PT456 required channel 2 of OTDT to be placed in the tripped condition. At the same time, a portable instrument was attached to a resistance temperature detector (RTD) in channel 1 for an unrelated test. Attaching the test instrument to the channel 1 RTD caused a second channel of OTDT to enter the tripped condition and the coincidence for a reactor trip was satisfied. The unit returned to power operation at 0413 on 5-25-91.

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

1. The number one seal on the 1B reactor coolant pump was inspected.
2. Miscellaneous corrective and preventive maintenance was performed on the diesel generators.

OPERATING DATA REPORT

DOCKET NO. 50-348

DATE June 5, 1991

COMPLETED BY D. N. Morey

TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: May 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): 856.4
7. Maximum Dependable Capacity (Net MWe): 814.0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

Notes

- 1) Cumulative data since 12-1-77, date of commercial operation.

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	3623	118,319
12. Number Of Hours Reactor Was Critical	305.9	1913.8	90,868.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-Line	259.0	1866.6	89,258.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	467,378	4,706,621	228,340,602
17. Gross Electrical Energy Generated (MWH)	143,180	1,522,880	73,573,218
18. Net Electrical Energy Generated (MWH)	120,768	1,421,562	59,425,094
19. Unit Service Factor	34.8	51.5	75.4
20. Unit Availability Factor	34.8	51.5	75.4
21. Unit Capacity Factor (Using MDC Net)	19.9	48.2	72.6
22. Unit Capacity Factor (Using DER Net)	19.6	47.3	70.8
23. Unit Forced Outage Rate	9.6	1.4	7.3
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

	Forecast	Achieved
INITIAL CRITICALITY	08/06/77	08/09/77
INITIAL ELECTRICITY	08/20/77	08/18/77
COMMERCIAL OPERATION	12/01/77	12/01/77

DOCKET NO. 50-348UNIT 1DATE June 5, 1991COMPLETED BY D. N. MoreyTELEPHONE (205)899-5156MONTH MayDAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>68</u>
21	<u>161</u>
22	<u>193</u>
23	<u>390</u>
24	<u>0</u>
25	<u>231</u>
26	<u>607</u>
27	<u>652</u>
28	<u>793</u>
29	<u>791</u>
30	<u>790</u>
31	<u>789</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 June 5, 1991
 COMPLETED BY D. N. MOREY
 TELEPHONE (205)899-5156

REPORT MONTH MAY

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	910501	S	455.2	C	1	N/A	N/A	N/A	The cycle 10-11 refueling outage continued from 910308.
002	910520	S	2.4	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.
003	910524	F	27.4	H	3	91-006-00	JC	TT	At 0500 on 5-24-91, with the unit operating at approximately 78 per cent power, a reactor trip occurred when the two-out-of-three coincidence was satisfied for over-temperature-delta-temperature (OTDT). Work in progress on pressurizer pressure instrument PT456 required channel 2 of OTDT to be placed in the tripped condition. At the same time, a portable instrument was attached to a resistance temperature detector (RTD) in channel 1 for an unrelated test. Attaching the test instrument to the channel 1 RTD caused a second channel of OTDT to enter the tripped condition and the coincidence for a reactor trip was satisfied. The event was caused by incorrect documentation. The applicable drawings will be corrected. The unit returned to power operation at 0413 on 5-25-91.

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