



Northern States Power Company

Monticello Nuclear Generating Plant
2807 West Hwy 75
Monticello, Minnesota 55362-9637

February 10, 1998

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Submittal of Monticello Monthly Operating Report for January, 1998

In accordance with Monticello Technical Specification 6.7.A.3, the report of operating statistics for the Monticello Nuclear Generating Plant for the Month of January is provided.

Please contact Marcus H. Voth, Project Manager - Licensing at (612) 271-5116 if you require further information.

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c: Regional Administrator - III, NRC
NRR Project Manager, NRC
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OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 2-2-98
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

- | | Notes |
|---|-------|
| 1. Unit Name : <u>Monticello</u> | |
| 2. Reporting period: <u>January</u> | |
| 3. Licensed Thermal Power (MWT): <u>1670</u> | |
| 4. Nameplate Rating (Gross MWe): <u>576.5</u> | |
| 5. Design Electrical Rating (Net MWe): <u>552.9</u> | |
| 6. Maximum Dependable Capacity (Gross MWe): <u>571.5</u> | |
| 7. Maximum Dependable Capacity (Net MWe): <u>543.5</u> | |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____ | |
| 9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u> | |
| 10. Reasons For Restrictions, If Any: <u>N/A</u> | |

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	744	744	233089
12. Number Of Hours Reactor Was Critical	744.0	744.0	190788.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	744.0	744.0	187678.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1223371	1223371	292078976
17. Gross Electrical Energy Generated (MWH)	426127	426127	98907502
18. Net Electrical Energy Generated (MWH)	409934	409934	94670991
19. Unit Service Factor	100.0%	100.0%	80.5%
20. Unit Availability Factor	100.0%	100.0%	80.5%
21. Unit Capacity Factor (Using MDC Net)	101.4%	101.4%	75.7%
22. Unit Capacity Factor (Using DER Net)	99.7%	99.7%	74.4%
23. Unit Forced Outage Rate	0.0%	0.0%	4.4%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) <u>Refueling Outage, 3/20/98-4/23/98, 34 days</u>			

25. If Shut Down At End Of Report Period, Estimated Date Of Startup:
 26. Units In Test Status (Prior to Commercial Operation): N/A Forecast Achieved

INITIAL CRITICALITY _____
 INITIAL ELECTRICITY _____
 COMMERCIAL OPERATION _____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
 UNIT Monticello
 DATE 2-2-98
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

MONTH OF January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	562.
2	560.
3	561.
4	557.
5	557.
6	559.
7	561.
8	558.
9	560.
10	522.
11	557.
12	557.
13	561.
14	563.
15	559.
16	561.

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	560.
18	559.
19	555.
20	554.
21	550.
22	547.
23	547.
24	546.
25	542.
26	541.
27	537.
28	535.
29	533.
30	531.
31	528.

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. 50-263
 UNIT NAME Monticello
 DATE 02-02-96
 COMPLETED BY H. H. Paustian
 TELEPHONE 612-295-5151

REPORT MONTH January

No.	Date	Type (1)	Duration (hours)	Reason (2)	Method of Shutdown (3)	LER No.	System Code (4)	Comp Code (5)	Cause & Corrective Action to Prevent Recurrence
	None								

- 1 F Forced
 - S Scheduled
- 2 Reason:
 - A Equipment Failure (Explain)
 - B Maintenance or Test
 - C Refueling
 - D Regulator Restriction
 - E Operator Training & Licensing Examination
 - F Administrative
 - G Operational Error (Explain)
 - H Other (Explain)
- 3 Method:
 - 1 Manual
 - 2 Manual Scram
 - 3 Automatic Scram
 - 4 Other (Explain)
- 4 Draft IEEE Standard 805-1984 (P805-D5)
- 5 IEEE Standard 803A-1983

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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DATE 2-2-98
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MONTH _____ JAN _____

01-01-98
to Power operation.
01-17-98

01-17-98
to Power coastdown began and will continue until refuel outage.
01-31-98

Note: Power operation defined as essentially 100% of rated power except for weekend load drops for specified surveillance testing.