



Northern States Power Company

Monticello Nuclear Generating Plant
2807 West Co. Rd. 75
Monticello, Minnesota 55362-9637

November 8, 1999

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 October 1999

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 October is provided.

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

Marcus H. Voth
Project Manager - Licensing
Nuclear Energy Engineering Dept.

c: Regional Administrator - III, NRC
NRR Project Manager, NRC
Sr Resident Inspector, NRC
State of Minnesota
Attn: Steve Minn
J Silberg

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10/31/99

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OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 11- 1-99
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name :	Monticello	Notes
2. Reporting period:	October	
3. Licensed Thermal Power (Mwt):	1775	
4. Nameplate Rating (Gross MWe):	613.0	
5. Design Electrical Rating (Net MWe):	600.0	
6. Maximum Dependable Capacity (Gross MWe):	605.1	
7. Maximum Dependable Capacity (Net MWe):	578.1	
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

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	745	7296	248401
12. Number Of Hours Reactor Was Critical	745.0	6671.1	204437.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	745.0	6628.6	201224.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1284603	11649732	315030166
17. Gross Electrical Energy Generated (MWH)	442500	3997033	106771774
18. Net Electrical Energy Generated (MWH)	427212	3842320	102222304
19. Unit Service Factor	100.0%	90.9%	81.0%
20. Unit Availability Factor	100.0%	90.9%	81.0%
21. Unit Capacity Factor (Using MDC Net)	99.2%	91.1%	76.5%
22. Unit Capacity Factor (Using DER Net)	95.6%	87.8%	75.1%
23. Unit Forced Outage Rate	0.0%	9.1%	4.5%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) Not Reported			

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 11- 1-99
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

MONTH OF October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	588.	17	587.
2	593.	18	587.
3	540.	19	588.
4	596.	20	588.
5	588.	21	588.
6	593.	22	588.
7	593.	23	571.
8	593.	24	259.
9	592.	25	583.
10	591.	26	595.
11	592.	27	594.
12	590.	28	594.
13	587.	29	592.
14	560.	30	593.
15	585.	31	591.
16	495.		

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.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
DATE 11- 1-99
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ OCT _____

10-01-99
to Power operation.
10-14-99

10-14-99 Power reduction to 63% power to replace hanger on steam
extraction line for 15B feedwater heater.

10-14-99
to Power operation.
10-16-99

10-16-99 Power reduction to approximately 71% power due to condenser
level and vacuum problems.

10-16-99
to Power operation.
10-23-99

10-23-99 Power reduction to approximately 40% power for condenser
to cleaning.
10-24-99

10-24-99
to Power operation.
10-31-99

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

