



Northern States Power Company

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

April 7, 2000

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 March 2000

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 March is provided.

Please contact Marcus H. Voth, Project Manager – Licensing at (763) 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
Minnesota Dept. of Commerce
J Silberg

JE24

OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 4-3-0
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

	Notes
1. Unit Name : <u>Monticello</u>	
2. Reporting period: <u>March</u>	
3. Licensed Thermal Power (Mwt): <u>1775</u>	
4. Nameplate Rating (Gross MWe): <u>613.0</u>	
5. Design Electrical Rating (Net MWe): <u>600.0</u>	
6. Maximum Dependable Capacity (Gross MWe): <u>605.1</u>	
7. Maximum Dependable Capacity (Net MWe): <u>578.1</u>	
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>N/A</u>	

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	2184	252049
12. Number Of Hours Reactor Was Critical	744.0	919.1	206820.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	744.0	872.0	203560.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1281504	1459147	318910892
17. Gross Electrical Energy Generated (MWH)	445321	504637	108113925
18. Net Electrical Energy Generated (MWH)	430282	481822	103511146
19. Unit Service Factor	100.0%	39.9%	80.8%
20. Unit Availability Factor	100.0%	39.9%	80.8%
21. Unit Capacity Factor (Using MDC Net)	100.0%	38.2%	76.2%
22. Unit Capacity Factor (Using DER Net)	96.4%	36.8%	74.8%
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>Not Reported</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 4-3-0
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

MONTH OF March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	337.	17	596.
2	535.	18	596.
3	592.	19	596.
4	595.	20	597.
5	526.	21	600.
6	585.	22	593.
7	597.	23	598.
8	598.	24	595.
9	595.	25	594.
10	597.	26	460.
11	596.	27	590.
12	596.	28	594.
13	597.	29	597.
14	595.	30	592.
15	596.	31	597.
16	597.		

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 4-3-0
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ MAR _____

03-01-00
to Plant startup continued after 2000 Refueling Outage.
03-03-00

03-04-00
to Power operation.
03-05-00

03-05-00 Power reduction to 75% to adjust control rods and
precondition fuel.

03-05-00
to Power operation.
03-26-00

03-26-00 Power reduction to 65% to perform Maximum Core Flow/Prompt
to Flow Control Line Determination test, perform quarterly Main
03-27-00 Steam Isolation Valve and turbine valve testing, and adjust
control rods and precondition fuel.

03-27-00
to Power operation.
03-31-00

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