



Northern States Power Company

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

October 8, 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 September, 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 September is provided.

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

*Sam Shiley for*  
Marcus H. Voth  
Project Manager - Licensing  
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c: Regional Administrator - III, NRC  
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OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 10-1-98  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

OPERATING STATUS

- |   | Notes |
|---|-------|
| 1. Unit Name : _____ Monticello   |       |
| 2. Reporting period: _____ September  |       |
| 3. Licensed Thermal Power (Mwt): _____ 1670   |       |
| 4. Nameplate Rating (Gross MWe): _____ 576.5  |       |
| 5. Design Electrical Rating (Net MWe): _____ 552.9  |       |
| 6. Maximum Dependable Capacity (Gross MWe): _____ 571.5   |       |
| 7. Maximum Dependable Capacity (Net MWe): _____ 543.5   |       |
| 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):   N/A
10. Reasons For Restrictions, If Any:   N/A

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	720	6551	238896
12. Number Of Hours Reactor Was Critical	571.4	5513.0	195557.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	557.4	5452.7	192386.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	923153	8696891	299552496
17. Gross Electrical Energy Generated (MWH)	313719	2961379	101442754
18. Net Electrical Energy Generated (MWH)	299279	2831618	97092675
19. Unit Service Factor	77.4%	83.2%	80.5%
20. Unit Availability Factor	77.4%	83.2%	80.5%
21. Unit Capacity Factor (Using MDC Net)	76.5%	79.5%	75.7%
22. Unit Capacity Factor (Using DER Net)	75.2%	78.2%	74.4%
23. Unit Forced Outage Rate	22.6%	3.8%	4.4%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) <u>  None  </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 10- 1-98  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

MONTH OF September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	540.	17	537.
2	538.	18	539.
3	540.	19	540.
4	540.	20	543.
5	539.	21	545.
6	539.	22	551.
7	542.	23	553.
8	542.	24	554.
9	113.	25	553.
10	-7.	26	550.
11	-6.	27	551.
12	-7.	28	549.
13	-8.	29	549.
14	-9.	30	553.
15	-10.		
16	417.		

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 10-1-98  
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MONTH \_\_\_\_\_ SEP \_\_\_\_\_

09-01-98  
to Power operation.  
09-09-98

09-09-98 Manual scram inserted in response to loss of condenser  
vacuum due to offgas recombiner problems.

09-09-98  
to Shutdown for repairs to offgas recombiner system.  
09-16-98

09-16-98  
to Power operation.  
09-30-98

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

