



**Northern States Power Company**

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

August 2, 2000

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

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

Submission of Monticello Monthly Operating Report for July 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 July is provided.

Please contact Marcus H. Voth, Project Manager – Licensing at (763) 271-5116 if you require further information.

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Project Manager - Licensing  
Nuclear Energy Engineering Dept.

c: Regional Administrator – III, NRC  
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JE24

OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 8-1-0  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

OPERATING STATUS

|  | Notes |
|--|-------|
| 1. Unit Name : <u>Monticello</u>   |       |
| 2. Reporting period: <u>July</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        | 5111        | 254976     |
| 12. Number Of Hours Reactor Was Critical  | 744.0      | 3846.1      | 209747.3   |
| 13. Reactor Reserve Shutdown Hours  | 0.0        | 0.0         | 940.7      |
| 14. Hours Generator On-Line   | 744.0      | 3799.0      | 206487.5   |
| 15. Unit Reserve Shutdown Hours   | 0.0        | 0.0         | 0.0        |
| 16. Gross Thermal Energy Generated (MWH)  | 1319808    | 6622359     | 324074104  |
| 17. Gross Electrical Energy Generated (MWH)   | 446067     | 2272687     | 109881975  |
| 18. Net Electrical Energy Generated (MWH)   | 426329     | 2181148     | 105210472  |
| 19. Unit Service Factor   | 100.0%     | 74.3%       | 81.0%      |
| 20. Unit Availability Factor  | 100.0%     | 74.3%       | 81.0%      |
| 21. Unit Capacity Factor (Using MDC Net)  | 99.1%      | 73.8%       | 76.5%      |
| 22. Unit Capacity Factor (Using DER Net)  | 95.5%      | 71.1%       | 75.1%      |
| 23. Unit Forced Outage Rate   | 0.0%       | 0.0%        | 4.4%       |
| 24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)<br><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 8-1-0  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

MONTH OF July

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|-----|--|
| 1   | 577.                                   | 17  | 573.                                   |
| 2   | 576.                                   | 18  | 575.                                   |
| 3   | 576.                                   | 19  | 577.                                   |
| 4   | 576.                                   | 20  | 575.                                   |
| 5   | 574.                                   | 21  | 578.                                   |
| 6   | 575.                                   | 22  | 576.                                   |
| 7   | 575.                                   | 23  | 574.                                   |
| 8   | 573.                                   | 24  | 572.                                   |
| 9   | 571.                                   | 25  | 575.                                   |
| 10  | 573.                                   | 26  | 573.                                   |
| 11  | 572.                                   | 27  | 571.                                   |
| 12  | 572.                                   | 28  | 572.                                   |
| 13  | 569.                                   | 29  | 570.                                   |
| 14  | 570.                                   | 30  | 569.                                   |
| 15  | 569.                                   | 31  | 567.                                   |
| 16  | 567.                                   |     |  |

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 8-1-0  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ JUL \_\_\_\_\_

07-01-00  
to Power operation.  
07-31-00

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

