



Monticello Nuclear Generating Plant  
2807 West County Road 75  
Monticello, MN 55362-9637

Operated by Nuclear Management  
Company LLC

February 13, 2001

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 2001

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 Douglas A. Neve, Project Manager – Licensing (Interim), at (763) 295-1353 if you require further information.

Douglas A. Neve  
Project Manager – Licensing (Interim)

c: Regional Administrator – III, NRC  
NRR Project Manager, NRC  
Sr. Resident Inspector, NRC  
Minnesota Dept. of Commerce  
J E Silberg

IE24

# OPERATING DATA REPORT

D. Min/K/Khen

DOCKET NO. 50-263  
DATE 2- 1- 1  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

## OPERATING STATUS

|   | Notes |
|---|-------|
| 1. Unit Name : Monticello   |       |
| 2. Reporting period: January  |       |
| 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  | 744        | 744         | 259393     |
| 12. Number Of Hours Reactor Was Critical   | 744.0      | 744.0       | 214040.1   |
| 13. Reactor Reserve Shutdown Hours   | 0.0        | 0.0         | 940.7      |
| 14. Hours Generator On-Line  | 744.0      | 744.0       | 210766.0   |
| 15. Unit Reserve Shutdown Hours  | 0.0        | 0.0         | 0.0        |
| 16. Gross Thermal Energy Generated (MWH)   | 1317161    | 1317161     | 331630176  |
| 17. Gross Electrical Energy Generated (MWH)  | 455964     | 455964      | 112481600  |
| 18. Net Electrical Energy Generated (MWH)  | 440695     | 440695      | 107714357  |
| 19. Unit Service Factor  | 100.0%     | 100.0%      | 81.3%      |
| 20. Unit Availability Factor   | 100.0%     | 100.0%      | 81.3%      |
| 21. Unit Capacity Factor (Using MDC Net)   | 102.5%     | 102.5%      | 76.9%      |
| 22. Unit Capacity Factor (Using DER Net)   | 98.7%      | 98.7%       | 75.5%      |
| 23. Unit Forced Outage Rate  | 0.0%       | 0.0%        | 4.3%       |
| 24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)<br>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 2- 1- 1  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH OF January

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 1   | 594.                                   |
| 2   | 594.                                   |
| 3   | 593.                                   |
| 4   | 593.                                   |
| 5   | 594.                                   |
| 6   | 594.                                   |
| 7   | 594.                                   |
| 8   | 593.                                   |
| 9   | 591.                                   |
| 10  | 593.                                   |
| 11  | 594.                                   |
| 12  | 594.                                   |
| 13  | 593.                                   |
| 14  | 593.                                   |
| 15  | 592.                                   |
| 16  | 594.                                   |

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|
| 17  | 594.                                   |
| 18  | 594.                                   |
| 19  | 592.                                   |
| 20  | 593.                                   |
| 21  | 592.                                   |
| 22  | 592.                                   |
| 23  | 592.                                   |
| 24  | 593.                                   |
| 25  | 592.                                   |
| 26  | 579.                                   |
| 27  | 594.                                   |
| 28  | 593.                                   |
| 29  | 592.                                   |
| 30  | 583.                                   |
| 31  | 593.                                   |

## 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 2- 1- 1  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ JAN \_\_\_\_\_

01-01-01  
to Power operation.  
01-25-01  
01-25-01 Initiated Tech Spec required shutdown. Terminated at  
approximately 78% power and returned to 100%.  
01-25-01  
to Power operation.  
01-29-01  
01-29-01 Initiated Tech Spec required shutdown. Terminated at  
approximately 86% power and returned to 100%.  
01-29-01  
to Power operation.  
01-31-01

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

|              |                |
|--------------|----------------|
| DOCKET NO.   | 50-263         |
| UNIT NAME    | Monticello     |
| DATE         | 02-02-01       |
| COMPLETED BY | H. H. Paustian |
| TELEPHONE    | 763-295-5151   |

REPORT MONTH January

[illegible]

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