



Northern States Power Company

414 Nicollet Mall  
Minneapolis, Minnesota 55401  
Telephone (612) 330-5500

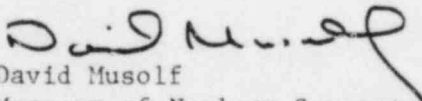
August 8, 1983

Director, Office of Resource Management  
U S Nuclear Regulatory Commission  
Washington, DC 20555

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

Monthly Operating Report  
July, 1983

Attached are twelve copies of the Monthly Operating Report for July, 1983 for the Monticello Nuclear Generating Plant.

  
David Musolf  
Manager of Nuclear Support Services

DMM/js

cc: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
NRC Resident Inspector  
MPCA  
Attn: J W Ferman

Attachment

DESIGNATED ORIGINAL  
Certified By Mr Beebe 9/2/83

8309080168 830803  
PDR ADOCK 05000263  
R PDR

IE24  
||

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263 \_\_\_\_\_  
DATE 8-3-83 \_\_\_\_\_  
COMPLETED BY A. L. Myrabo  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ JULY \_\_\_\_\_

7-1-83 Power operation.  
7-2-83  
to Reduced power to 65 % to repair reactor feedwater pump  
7-10-83 base.  
7-11-83  
to Power operation.  
7-31-83

Note: Power operation defined as essentially 99% of rated power except for weekend load drops for specified surveillance testing.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263\_\_\_\_\_  
 UNIT Monticello\_\_\_\_\_  
 DATE 8- 3-83\_\_\_\_\_  
 COMPLETED BY A. L. Myrabo\_\_\_\_\_  
 TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ JULY \_\_\_\_\_

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|-----|--|
| 1   | 448                                    | 17  | 524                                    |
| 2   | 240                                    | 18  | 492                                    |
| 3   | 408                                    | 19  | 527                                    |
| 4   | 326                                    | 20  | 527                                    |
| 5   | 314                                    | 21  | 524                                    |
| 6   | 320                                    | 22  | 523                                    |
| 7   | 318                                    | 23  | 524                                    |
| 8   | 322                                    | 24  | 496                                    |
| 9   | 323                                    | 25  | 524                                    |
| 10  | 450                                    | 26  | 524                                    |
| 11  | 519                                    | 27  | 529                                    |
| 12  | 527                                    | 28  | 523                                    |
| 13  | 528                                    | 29  | 528                                    |
| 14  | 525                                    | 30  | 521                                    |
| 15  | 523                                    | 31  | 521                                    |
| 16  | 527                                    |     |  |

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.

OPERATING DATA REPORT

DOCKET NO. 50-253  
 DATE 8-3-83  
 COMPLETED BY A. L. Myrabo  
 TELEPHONE 612/295-5151

OPERATING STATUS

- |   | Notes |
|---|-------|
| 1. Unit Name : _____ Monticello   |       |
| 2. Reporting period: _____ JULY   |       |
| 3. Licensed Thermal Power (MWt): _____ 1670   |       |
| 4. Nameplate Rating (Gross MWe): _____ 569  |       |
| 5. Design Electrical Rating (Net MWe): _____ 545.4  |       |
| 6. Maximum Dependable Capacity (Gross MWe): _____ 553   |       |
| 7. Maximum Dependable Capacity (Net MWe): _____ 525   |       |
| 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     | ___5087     | ___105936    |
| 12. Number Of Hours Reactor Was Critical   | ___744.0   | ___4810.6   | ___85444.0   |
| 13. Reactor Reserve Shutdown Hours   | ___0.0     | ___0.0      | ___940.7     |
| 14. Hours Generator On-Line  | ___744.0   | ___4783.9   | ___83539.1   |
| 15. Unit Reserve Shutdown Hours  | ___0.0     | ___0.0      | ___0.0       |
| 16. Gross Thermal Energy Generated (MWH)   | ___1106537 | ___7659961  | ___135020201 |
| 17. Gross Electrical Energy Generated (MWH)  | ___364548  | ___2562385  | ___43118278  |
| 18. Net Electrical Energy Generated (MWH)  | ___346116  | ___2456731  | ___41220770  |
| 19. Unit Service Factor  | ___100.0%  | ___94.0%    | ___78.9%     |
| 20. Unit Availability Factor   | ___100.0%  | ___94.0%    | ___78.9%     |
| 21. Unit Capacity Factor (Using MDC Net)   | ___88.6%   | ___92.0%    | ___74.1%     |
| 22. Unit Capacity Factor (Using DER Net)   | ___87.1%   | ___90.4%    | ___72.0%     |
| 23. Unit Forced Outage Rate  | ___0.0%    | ___0.0%     | ___5.5%      |
| 24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)<br>___February 3, 1984 - Refueling Outage - 160 days___ |            |             |              |

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: \_\_\_N/A\_\_\_
26. Units In Test Status (Prior to Commercial Operation): N/A Forecast Achieved

INITIAL CRITICALITY \_\_\_\_\_  
 INITIAL ELECTRICITY \_\_\_\_\_  
 COMMERCIAL OPERATION \_\_\_\_\_

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263  
 UNIT NAME Monticello  
 DATE 8-3-83  
 COMPLETED BY A. L. Myrabo  
 TELEPHONE \_\_\_\_\_

REPORT MONTH July

| No. | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence              |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 6   | 7-1-83 | F                 | 0.0              | A                   | 4  | N/A                     | CH                       | PUMPXX-B                    | Reduced power to 65 % to repair reactor feedwater pump base. |

<sup>1</sup>  
 F - Forced  
 S - Scheduled

<sup>2</sup>  
 Reason:  
 A - Equipment Failure (Explain)  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & License Examination  
 F - Administrative  
 G - Operational Error (Explain)  
 H - Other (Explain)

<sup>3</sup>  
 Method:  
 1 - Manual  
 2 - Manual Scram.  
 3 - Automatic Scram.  
 4 - Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source