
NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

April 7, 1978

Director, Office of Management
Information & Program Control
c/o Distribution Services Branch, DDC, AADM
U S Nuclear Regulatory Commission
Washington, DC 20555

US NRC
DISTRIBUTION SERVICES
BRANCH

1978 APR 14 PM 4 03

RECEIVED DISTRIBUTION
SERVICES UNIT

Dear Sir:

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

Monthly Operating Report
March 1978

Attached are two copies of the Monthly Operating Report for March, 1978
for the Monticello Nuclear Generating Plant.

Yours very truly,

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

REGULATORY DOCKET FILE COPY

LOM/ak

cc: Director, IE-III, USNRC (1)
Director, IE, USNRC (c/o DSB) (10)
MPCA
Attn: J W Ferman

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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
UNIT Monticello
DATE April 4, 1978
COMPLETED BY A. L. Myrabo
TELEPHONE 612/295-5151

MONTH MARCH

3/1/78 Operated at 100% of rated power except for power reductions
to on March 4, 11, 19, & 25 for weekly surveillance. No safety
3/31/78 related maintenance was performed. No significant operating
 problems experienced.

OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 04/04/78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name : Monticello
 2. Reporting Period: March
 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): 564
 7. Maximum Dependable Capacity (Net MWe): 536
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes

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	<u>744</u>	<u>2100</u>	<u>59185</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>2132.2</u>	<u>47300.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
14. Hours Generator On-Line	<u>744</u>	<u>2118.3</u>	<u>45895.7</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1227617</u>	<u>3435442</u>	<u>77090016</u>
17. Gross Electrical Energy Generated (MWH)	<u>419650</u>	<u>1176410</u>	<u>23549100</u>
18. Net Electrical Energy Generated (MWH)	<u>404492</u>	<u>1133794</u>	<u>22510168</u>
19. Unit Service Factor	<u>100.0%</u>	<u>98.1%</u>	<u>77.6%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>98.1%</u>	<u>77.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.4%</u>	<u>97.9%</u>	<u>71.0%</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.7%</u>	<u>96.2%</u>	<u>69.7%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.5%</u>	<u>1.7%</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)			
Refueling Outage, October 16, 1978, 40 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263_____
 UNIT Monticello_____
 DATE 04-04-78_____
 COMPLETED BY A. L. Myrabo_____
 TELEPHONE 612/295-5151

MONTH _____MARCH_____

DAY AVERAGE DAILY POWER LEVEL
 (Mwe-Net)

1	_____549_____
2	_____551_____
3	_____550_____
4	_____520_____
5	_____550_____
6	_____551_____
7	_____551_____
8	_____551_____
9	_____549_____
10	_____551_____
11	_____506_____
12	_____545_____
13	_____552_____
14	_____551_____
15	_____551_____
16	_____550_____

DAY AVERAGE DAILY POWER LEVEL
 (Mwe-Net)

17	_____550_____
18	_____553_____
19	_____467_____
20	_____530_____
21	_____550_____
22	_____550_____
23	_____552_____
24	_____550_____
25	_____528_____
26	_____551_____
27	_____551_____
28	_____550_____
29	_____554_____
30	_____543_____
31	_____548_____

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 4/4/78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence

¹
 F: Forced
 S: Scheduled

²
 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)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵
 Exhibit I - Same Source