

PDR

# 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

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SERVICES UNIT  
1978 APR 14 PM 4 03

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 612/292-5151

## OPERATING STATUS

- |   | Notes |
|---|-------|
| 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: _____ |       |
| 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	144	2160	59185
12. Number Of hours reactor was Critical	144	2132.2	47300.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	144	2118.3	45895.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MMBtu)	1227617	3435442	77096016
17. Gross Electrical Energy Generated (MWH)	419650	1176410	23549100
18. Net Electrical Energy Generated (MWH)	404492	1133794	22510168
19. Unit Service Factor	100.0%	95.1%	77.6%
20. Unit Availability Factor	100.0%	95.1%	77.6%
21. Unit Capacity Factor (Using VDC Net)	101.4%	97.9%	71.0%
22. Unit Capacity Factor (Using DER Net)	99.7%	96.2%	69.7%
23. Unit Forced Outage Rate	0.0%	0.5%	1.7%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)	Refueling Outage, October 15, 1978, 40 days		

25. If Shut Down At End Of Report Period, Estimated Date Of Start-up: \_\_\_\_\_ 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

(Watt-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

(Watt-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 Watt-Net for each day in the reporting month. Compute to the nearest whole watt.

# 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 <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

<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