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MONTHLY REPORT

TO: USNRC

FROM: Northern States Power Co.  
Minneapolis, Minn.  
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## DESCRIPTION

LETTER TRANS THE FOLLOWING:

PLANT NAME: Monticello

## ENCLOSURE

MONTHLY REPORT FOR June 1976  
PLANT & COMPONENT OPERABILITY &  
AVAILABILITY. THIS REPORT TO BE USED IN  
PREPARING GRAY BOOK BY PLANS & OPERATIONS.DO NOT REMOVE  
ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 7-12-76

MIPC

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Regulatory

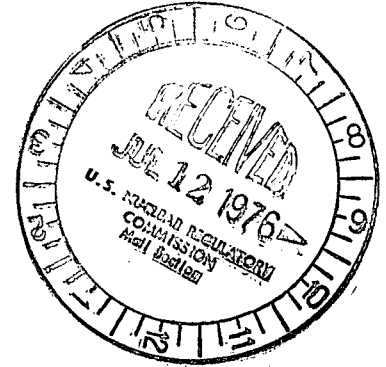
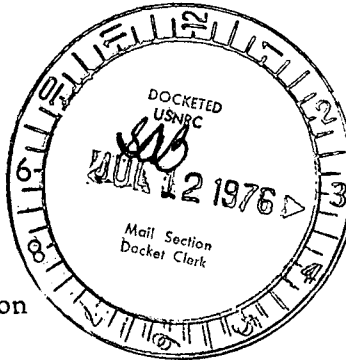
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**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

July 8, 1976

Director, Office of  
Inspection and Enforcement  
U S Nuclear Regulatory Commission  
Washington, DC 20555



Dear Sir:

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

Monthly Operating Report  
June 1976

Attached are ten copies of the Monthly Operating Report for June 1976 for the Monticello Nuclear Generating Plant.

Yours very truly,

*L. O. Mayer*

L O Mayer, PE  
Manager of Nuclear Support Services

LOM/ch

cc: Director, IE-III, USNRC (1)  
Director, MIPC, USNRC (2)

Attachment

6977

2025  
Rev. 0  
3/3/76

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263  
UNIT 1  
DATE JULY 2, 1976  
COMPLETED BY W. A. Shamla  
TELEPHONE 612/295-5151, Ext. 111

MONTH JUNE

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>352</u>
2	<u>348</u>
3	<u>345</u>
4	<u>342</u>
5	<u>343</u>
6	<u>340</u>
7	<u>342</u>
8	<u>339</u>
9	<u>336</u>
10	<u>335</u>
11	<u>335</u>
12	<u>339</u>
13	<u>333</u>
14	<u>279</u>
15	<u>-8</u>
16	<u>116</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>335</u>
18	<u>341</u>
19	<u>258</u>
20	<u>291</u>
21	<u>375</u>
22	<u>431</u>
23	<u>483</u>
24	<u>524</u>
25	<u>539</u>
26	<u>537</u>
27	<u>512</u>
28	<u>534</u>
29	<u>537</u>
30	<u>539</u>
31	<u></u>

2026  
Rev. 2  
3/3/76

# OPERATING DATA REPORT

DOCKET NO. 50-265  
UNIT 1  
DATE July 2, 1976  
COMPLETED BY W. A. Shamla  
TELEPHONE 612/295-5151, Ext. 111

## OPERATING STATUS

1. Reporting Period: June Gross Hours in Report Period: 720
2. Currently Authorized Power Level (MWt): 1670 Max. Depend. Capacity (MWe-Net):  
538 Design Electrical Rating (MWe-Net): 545.4
3. Power Level to Which Restricted (if any) (MWe-Net): N/A
4. Reasons for Restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical .....	698.2	4,098.8	33,947.4
6. Reactor Reserve Shutdown Hours .....	0.0	0.0	940.7
7. Hours Generator On Line .....	682.7	4,012.9	32,750.1
8. Unit Reserve Shutdown Hours .....	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MMH) .....	851,829.6	6,138,775.2	56,458,013.0
10. Gross Electrical Energy Generated (MMH) .....	282,220	2,093,370	16,564,420
11. Net Electrical Energy Generated (MMH) .....	265,148	2,007,582	15,828,674
12. Reactor Service Factor .....	97.0%	93.9%	77.4%
13. Reactor Availability Factor .....	97.0%	93.9%	79.6%
14. Unit Service Factor .....	94.8%	91.9%	74.7%
15. Unit Availability Factor .....	94.8%	91.9%	74.7%
16. Unit Capacity Factor (Using MDC) .....	68.5%	85.4%	67.1%
17. Unit Capacity Factor (Using Design MWe) .....	67.5%	84.3%	66.2%
18. Unit Forced Outage Rate .....	0.0%	0.2%	10.1%
19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):	NONE		
20. If Shutdown at End of Report Period, Estimated Date of Startup:	N/A		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNEBOOKET NO. 50-263UNIT NAME MonticelloDATE 7/2/76COMPLETED BY W. A. ShamlaTELEPHONE 612/295-5151  
Ext. 111

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
19	760614	S		37.3	B	1	Outage scheduled to repair leak on reactor relief valve in preparation for "Torus Response to Relief Valve Actuations" test.
20	760619	S		0	H	4	Power reduced from 68% to 36% via recirc flow. Reduction to establish 100% power control rod pattern.
21	760627	S		0	B	4	Power reduced from 100% to 75% via Recirc Flow Reduction for CRD Exercise & Turbine Valve Testing.
					(1) REASON	(2) METHOD	
					A: Equipment Failure (Explain)	1: Manual	
					B: Maint. or Test	2: Manual Scram	
					C: Refueling	3: Automatic Scram	
					D: Regulatory Restriction	4: Other (Explain)	
					E: Operator Training and License Examination		
					F: Administrative		
					G: Operational Error (Explain)		
					H: Other (Explain)		

SUMMARY: Power was limited to 68% for "Torus Response to Relief Valve Actuations" test from June 1st to June 18th. Operated as Base Loaded Unit.