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TO:

N. R. C.

FROM:

Northern States Power Company
Minneapolis, Minnesota
L. O. Mayer

FILE NUMBER
MONTHLY REPORT

DATE OF DOCUMENT
10/7/76

DATE RECEIVED
10/12/76

NUMBER OF COPIES RECEIVED
Ten signed copies

LETTER

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PROP

INPUT FORM

DESCRIPTION

LETTER TRANS THE FOLLOWING:

PLANT NAME:
Monticello

(1-P)

ENCLOSURE

MONTHLY REPORT FOR September, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

DO NOT REMOVE
ACKNOWLEDGED
(3-P)

(3-P)

SAFETY

FOR ACTION/INFORMATION

ENVIRO 10/13/76 RJL

X	MIPC
	W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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10261

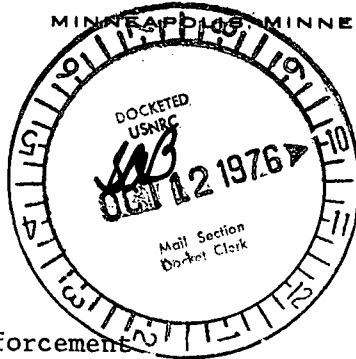
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NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401



October 7, 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
September 1976

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

Yours very truly,

M H Votl/for

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

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

Telecopied 10/7/76 to
Office of Management Information and
Program Control
Attn: William G McDonald, Director



10261

2026
Rev. 3
8/13/76

OPERATING DATA REPORT

DOCKET NO. 50-263
UNIT 1
DATE 10/04/76
COMPLETED BY W. A. Shamla
TELEPHONE 612/295-5151, Ext. 111

OPERATING STATUS

1. Reporting Period: September Gross Hours in Report Period: 720
2. Currently Authorized Power Level (MWt): 1670 Max. Depend. Capacity (MWe-NET):
536 Design Electrical Rating (MWe-Net): 545.4
3. Power Level to Which Restricted (if any) (MWe-Net): None
4. Reasons for Restriction (if any): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	<u>712.0</u>	<u>6,125.4</u>	<u>35,974.0</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
7. Hours Generator On Line	<u>708.4</u>	<u>6,019.6</u>	<u>34,756.8</u>
8. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross Thermal Energy Generated (MWH)	<u>1,129,754.4</u>	<u>9,309,232.8</u>	<u>59,628,470.6</u>
10. Gross Electrical Energy Generated (MWH)	<u>380,230</u>	<u>3,153,430</u>	<u>17,624,480</u>
11. Net Electrical Energy Generated (MWH)	<u>361,642</u>	<u>3,014,274</u>	<u>16,835,366</u>
12. Reactor Service Factor	<u>98.9%</u>	<u>93.2%</u>	<u>78.1%</u>
13. Reactor Availability Factor	<u>98.9%</u>	<u>93.2%</u>	<u>80.2%</u>
14. Unit Service Factor	<u>98.4%</u>	<u>91.6%</u>	<u>75.5%</u>
15. Unit Availability Factor	<u>98.4%</u>	<u>91.6%</u>	<u>75.5%</u>
16. Unit Capacity Factor (Using MDC)	<u>93.7%</u>	<u>85.5%</u>	<u>68.2%</u>
17. Unit Capacity Factor (Using Design MWe)	<u>92.1%</u>	<u>84.1%</u>	<u>67.0%</u>
18. Unit Forced Outage Rate	<u>1.6%</u>	<u>0.8%</u>	<u>9.7%</u>
19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):	<u>None</u>		
20. If Shutdown at End of Report Period, Estimated Date of Startup:	<u>N/A</u>		

2025
Rev. 0
3/3/76

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
UNIT 1
DATE 10/06/76
COMPLETED BY W A Shamla
TELEPHONE 612/295-5151, Ext. 111

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u>520</u>
2	<u>532</u>
3	<u>534</u>
4	<u>536</u>
5	<u>514</u>
6	<u>230</u>
7	<u>265</u>
8	<u>461</u>
9	<u>516</u>
10	<u>535</u>
11	<u>531</u>
12	<u>522</u>
13	<u>531</u>
14	<u>519</u>
15	<u>508</u>
16	<u>474</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u>511</u>
18	<u>534</u>
19	<u>514</u>
20	<u>538</u>
21	<u>511</u>
22	<u>531</u>
23	<u>537</u>
24	<u>536</u>
25	<u>534</u>
26	<u>454</u>
27	<u>532</u>
28	<u>537</u>
29	<u>538</u>
30	<u>535</u>
31	<u> </u>

2027
Rev. 0
3/3/76

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 10/06/76

COMPLETED BY W. A. Shamla

TELEPHONE 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				
30	760906	F	11.6	H	3	<p>While searching for a ground on a 125 VDC bus, power to the inboard MSIV DC control solenoids was momentarily interrupted to locate the ground. All inboard MSIV's closed resulting in an automatic reactor scram.</p> <p>The MSIV's closed because the AC portion of MSIV closure control circuitry was not reset.</p>

(1) REASON

A: Equipment Failure (Explain)
B: Maint. or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and
License Examination

(2) METHOD

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

SUMMARY: Operated as Base Loaded Unit.

F: Administrative
G: Operational Error (Explain)
H: Other (Explain)