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FILE NUMBER
MONTHLY REPORT

TO:

N. R. C.

FROM:

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

DATE OF DOCUMENT

8/5/76

DATE RECEIVED

8/10/76

☒ LETTER☐ NOTORIZED

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

MONTHLY REPORT FOR JULY/76
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME:

(1-P)

(4-P)

Monticello

DO NOT

ACKNOWLEDGE

SAFETY

FOR ACTION/INFORMATION

ENVIRO

8/10/76

TON RJL

☒

MIPC

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NSIC

CONTROL NUMBER

8094

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

August 5, 1976

Regulatory, Technical

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
July 1976

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

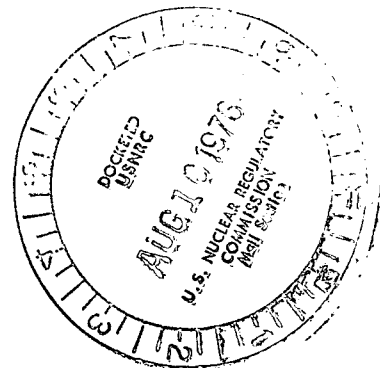
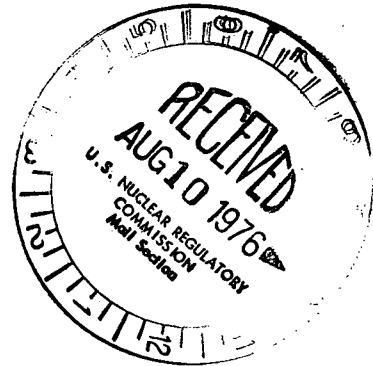
Yours very truly,

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

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



2026
Rev. 2
3/3/76

OPERATING DATA REPORT

DOCKET NO. 50-263
UNIT 1
DATE 08/03/76
COMPLETED BY W. A. Shamla
TELEPHONE 612/295-5151, Ext. 111

OPERATING STATUS

1. Reporting Period: JULY Gross Hours in Report Period: 744
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	<u>744.0</u>	<u>4,842.8</u>	<u>34,691.4</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
7. Hours Generator On Line	<u>744.0</u>	<u>4,756.9</u>	<u>33,494.1</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>1,215,453.6</u>	<u>7,354,228.8</u>	<u>57,673,466.6</u>
10. Gross Electrical Energy Generated (MWH)	<u>404,950</u>	<u>2,498,320</u>	<u>16,969,370</u>
11. Net Electrical Energy Generated (MWH)	<u>385,126</u>	<u>2,392,708</u>	<u>16,213,800</u>
12. Reactor Service Factor	<u>100.0%</u>	<u>94.8%</u>	<u>77.8%</u>
13. Reactor Availability Factor	<u>100.0%</u>	<u>94.8%</u>	<u>79.9%</u>
14. Unit Service Factor	<u>100.0%</u>	<u>93.1%</u>	<u>75.1%</u>
15. Unit Availability Factor	<u>100.0%</u>	<u>93.1%</u>	<u>75.1%</u>
16. Unit Capacity Factor (Using MDC)	<u>96.2%</u>	<u>87.0%</u>	<u>67.6%</u>
17. Unit Capacity Factor (Using Design MWe)	<u>94.9%</u>	<u>85.8%</u>	<u>66.7%</u>
18. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.2%</u>	<u>9.9%</u>
19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):			

20. If Shutdown at End of Report Period, Estimated Date of Startup: NONE N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
UNIT 1
DATE 8/3/76
COMPLETED BY W. A. SHAMLA
TELEPHONE 612/295-5151, Ext. 111

MONTH JULY

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u>534</u>
2	<u>537</u>
3	<u>535</u>
4	<u>470</u>
5	<u>506</u>
6	<u>534</u>
7	<u>532</u>
8	<u>532</u>
9	<u>534</u>
10	<u>528</u>
11	<u>506</u>
12	<u>529</u>
13	<u>529</u>
14	<u>525</u>
15	<u>527</u>
16	<u>529</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u>528</u>
18	<u>407</u>
19	<u>524</u>
20	<u>527</u>
21	<u>526</u>
22	<u>527</u>
23	<u>523</u>
24	<u>512</u>
25	<u>525</u>
26	<u>519</u>
27	<u>439</u>
28	<u>524</u>
29	<u>528</u>
30	<u>522</u>
31	<u>527</u>

5027
Rev. 9
1/5/76

PAGE 1 OF 2

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 08/03/76

COMPLETED BY W. A. Shamla

TELEPHONE 612/295-5151
Ext. 111

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
22	760704	S	0	B	4	Power reduced from 100% to 75% via recirc flow reduction for CRD exercise, turbine valve testing and due to system load requirement.
23	760705	S	0	H	4	Power reduced from 100% to 80% due to system load requirement.
24	760711	S	0	B	4	Power reduced from 100% to 75% via recirc flow reduction for CRD exercise and turbine valve testing.

(1) REASON

A: Equipment Failure (Explain)
B: Maint. or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and
License Examination
F: Administrative
G: Operational Error (Explain)
H: Other (Explain)

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

SUMMARY:

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 08/03/76

COMPLETED BY W. A. Shamla

TELEPHONE 612/295-5151
Ext. 111

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
25	760718	S	0	B	4	Power reduced from 100% to 50% via recirc flow reduction for CRD exercise, turbine valve testing and investigation of suspected feedwater heater tube leak.
26	760726	S	0	B	4	Power reduced from 100% to 65% via recirc flow reduction for CRD exercise, turbine valve testing and investigation of suspected feedwater heater tube leak.

(1) REASON

- A: Equipment Failure (Explain)
- B: Maint. or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training and License Examination
- F: Administrative
- G: Operational Error (Explain)
- H: Other (Explain)

(2) METHOD

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

SUMMARY: Operated as a base loaded unit except for load following on 7/4 and 7/5.