

50-263

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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

12/08/77

DATE RECEIVED

12/12/77

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DESCRIPTION

LTR TRANS THE FOLLOWING:

(1-P)

PLANT NAME: Monticello
RJL 12/12/77

ENCLOSURE

MONTHLY REPORT FOR November 1977
PLANT & COMPONENT OPERABILITY & AVAILABILITY.
THIS REPORT TO BE USE IN PREPARING GRAY BOOK
BY PLANS & OPERATIONS.

(3-P)

2 CYS ENCL Rec'd *

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG FILES

NRC-PDR

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LPDR

TIC:

NSIC

MINNEAPOLIS, MINN.

CONTROL NUMBER

773460003

NSP**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

December 8, 1977

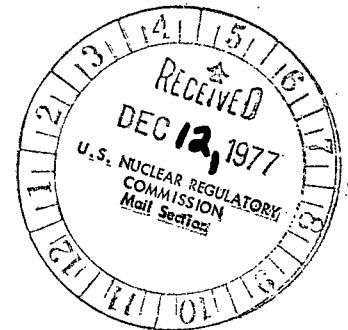
TELECOPIED TO
DIRECTOR, MIPC DECEMBER 9, 1977

Director, Office of Management
Information & Program Control
c/o Distribution Services Branch, DDC, ADM
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
November 1977



Attached are two copies of the Monthly Operating Report for November, 1977 for the Monticello Nuclear Generating Plant.

Yours very truly,

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

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

773460003

OPERATING DATA REPORT

DOCKET NO. 50-263
UNIT 1
DATE December 2, 1977
COMPLETED BY W. A. Shamla
TELEPHONE 612/295-5151, Ext. 111

OPERATING STATUS

1. Reporting Period: November 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): N/A
4. Reasons for Restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	499.9	6,374.4	44,450.8
6. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
7. Hours Generator On Line	480.1	6,293.2	43,068.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MMBtu)	728,565.6	9,872,611.2	72,535,286.6
10. Gross Electrical Energy Generated (MWh)	248,400	3,344,810	21,989,230
11. Net Electrical Energy Generated (MWh)	238,452	3,199,748	21,007,220
12. Reactor Service Factor	69.4%	79.5%	79.0%
13. Reactor Availability Factor	69.4%	79.5%	80.7%
14. Unit Service Factor	66.7%	78.5%	76.5%
15. Unit Availability Factor	66.7%	78.5%	76.5%
16. Unit Capacity Factor (Using MEX)	61.8%	74.5%	69.6%
17. Unit Capacity Factor (Using Design MWe)	60.7%	73.2%	68.4%
18. Unit Forced Outage Rate	0.0%	0.5%	8.1%
19. Shutdowns Scheduled Over Next 6 Weeks (Type, Date and Duration of Each):			

20. If Shutdown at End of Report Period, Estimated Date of Startup: N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
UNIT 1
DATE Dec. 7, 1977
COMPLETED BY _____
TELEPHONE 612/295-5151, Ext. 111

MONTH November

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>-2</u>
2	<u>-3</u>
3	<u>-3</u>
4	<u>-3</u>
5	<u>-4</u>
6	<u>-3</u>
7	<u>-4</u>
8	<u>-3</u>
9	<u>-4</u>
10	<u>2</u>
11	<u>165</u>
12	<u>277</u>
13	<u>386</u>
14	<u>498</u>
15	<u>550</u>
16	<u>552</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>554</u>
18	<u>532</u>
19	<u>499</u>
20	<u>543</u>
21	<u>547</u>
22	<u>550</u>
23	<u>553</u>
24	<u>548</u>
25	<u>545</u>
26	<u>476</u>
27	<u>532</u>
28	<u>552</u>
29	<u>551</u>
30	<u>555</u>
31	<u> </u>

2027
Rev. 0
3/3/76

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263
UNIT NAME Monticello
DATE Dec. 7, 1977
COMPLETED BY _____
TELEPHONE 612/295-5151
Ext. 111

REPORT MONTH November

NO.	DATE	TYPE	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED S: SCHEDULED				
6	770909	S	239.9	C	1	

(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: Completed Refuel Outage.
Base loaded for remainder of month
except for weekend power reductions
for testing.