

50-263

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MONTHLY REPORT

TO: NRC

FROM: NSP
Minneapolis, Minnesota 55401
L. O. Mayer

DATE OF DOCUMENT
10/07/77

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10/11/77

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DESCRIPTION

Letter trans the following:

1p

PLANT NAME: MONTICELLO
jcm 10/11/77

ENCLOSURE

Monthly Report for SEPTEMBER, 1977
Plant & Component Operability & Availability.
This Report to be used in preparing Gray Book
by Plans & Operations.

3p

2 cys ENCL Rec'd *

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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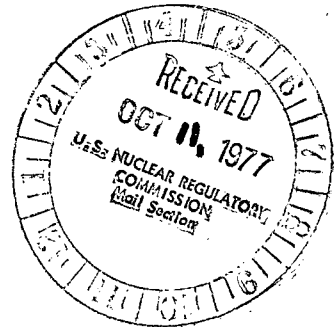
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NSP

REGULATORY DOCKET FILE COPY

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401



October 7, 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
September 1977

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

Yours very truly,

A handwritten signature in cursive script, appearing to read "L. O. Mayer".

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

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OPERATING DATA REPORT

DOCKET NO. 50-263
UNIT 1
DATE OCTOBER 4, 1977
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): N/A
4. Reasons for Restriction (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	<u>214.0</u>	<u>5,874.5</u>	<u>43,950.9</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
7. Hours Generator On Line	<u>212.2</u>	<u>5,813.1</u>	<u>42,588.3</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>308,486.4</u>	<u>9,144,045.6</u>	<u>71,806,721.0</u>
10. Gross Electrical Energy Generated (MWH)	<u>103,980</u>	<u>3,096,410</u>	<u>21,740,830</u>
11. Net Electrical Energy Generated (MWH)	<u>97,124</u>	<u>2,963,058</u>	<u>20,770,530</u>
12. Reactor Service Factor	<u>29.7%</u>	<u>89.7%</u>	<u>80.2%</u>
13. Reactor Availability Factor	<u>29.7%</u>	<u>89.7%</u>	<u>81.9%</u>
14. Unit Service Factor	<u>29.5%</u>	<u>88.7%</u>	<u>77.7%</u>
15. Unit Availability Factor	<u>29.5%</u>	<u>88.7%</u>	<u>77.7%</u>
16. Unit Capacity Factor (Using MDC)	<u>25.2%</u>	<u>84.4%</u>	<u>70.7%</u>
17. Unit Capacity Factor (Using Design MWe)	<u>24.7%</u>	<u>82.9%</u>	<u>69.5%</u>
18. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.6%</u>	<u>8.2%</u>
19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):	<u>N/A</u>		
20. If Shutdown at End of Report Period, Estimated Date of Startup:	<u>October 29, 1977</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263UNIT 1DATE OCTOBER 4, 1977COMPLETED BY W. A. SHAMLATELEPHONE 612/295-5151, Ext. 111MONTH SEPTEMBER 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	--

1	<u>504</u>
2	<u>471</u>
3	<u>385</u>
4	<u>441</u>
5	<u>495</u>
6	<u>498</u>
7	<u>494</u>
8	<u>494</u>
9	<u>329</u>
10	<u>-5</u>
11	<u>-4</u>
12	<u>-4</u>
13	<u>-3</u>
14	<u>-3</u>
15	<u>-3</u>
16	<u>-5</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	--

17	<u>-3</u>
18	<u>-4</u>
19	<u>-3</u>
20	<u>-1</u>
21	<u>-2</u>
22	<u>-2</u>
23	<u>-3</u>
24	<u>-3</u>
25	<u>-3</u>
26	<u>-2</u>
27	<u>-3</u>
28	<u>-2</u>
29	<u>-2</u>
30	<u>-3</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 October 3, 1977

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				
6	770909	S	507.8	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: Operated as base loaded unit
with weekend power reductions
for surveillance testing.