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DESCRIPTION

LETTER TRANS THE FOLLOWING: (1P)

PLANT NAME: Monticello Plant

DHL

ENCLOSURE

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

(1 cy encl rec'd) 3P

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SAFETY

FOR ACTION/INFORMATION

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INTERNAL DISTRIBUTION

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LPDR: *Minneapolis, MN*
TIC
NSIC

CONTROL NUMBER

770780024

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

Regulatory Docket File

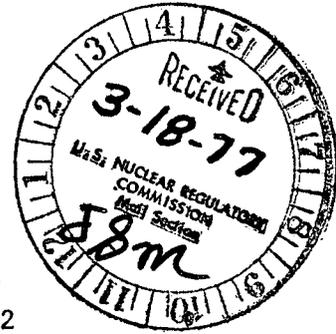
March 8, 1977

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
February 1977



Attached are ten copies of the Monthly Operating Report for February, 1977 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)

770780024

OPERATING DATA REPORT

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

OPERATING STATUS

1. Reporting Period: FEBRUARY Gross Hours in Report Period: 672
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	656.2	1,400.2	39,476.6
6. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
7. Hours Generator On Line	650.2	1,394.2	38,169.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1,042,192.8	2,270,522.4	64,933,197.8
10. Gross Electrical Energy Generated (MWH)	354,670	774,810	19,419,230
11. Net Electrical Energy Generated (MWH)	341,514	746,294	18,553,766
12. Reactor Service Factor	97.6%	98.9%	79.3%
13. Reactor Availability Factor	97.6%	98.9%	81.2%
14. Unit Service Factor	96.8%	98.5%	76.7%
15. Unit Availability Factor	96.8%	98.5%	76.7%
16. Unit Capacity Factor (Using MDC)	94.8%	98.3%	69.6%
17. Unit Capacity Factor (Using Design MWe)	93.2%	96.6%	68.4%
18. Unit Forced Outage Rate	3.2%	1.5%	9.0%

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: _____

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH FEBRUARY 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>549</u>	17	<u>549</u>
2	<u>550</u>	18	<u>551</u>
3	<u>549</u>	19	<u>548</u>
4	<u>550</u>	20	<u>525</u>
5	<u>547</u>	21	<u>549</u>
6	<u>528</u>	22	<u>547</u>
7	<u>547</u>	23	<u>155</u>
8	<u>548</u>	24	<u>153</u>
9	<u>545</u>	25	<u>418</u>
10	<u>545</u>	26	<u>507</u>
11	<u>543</u>	27	<u>551</u>
12	<u>467</u>	28	<u>548</u>
13	<u>527</u>	29	<u> </u>
14	<u>543</u>	30	<u> </u>
15	<u>547</u>	31	<u> </u>
16	<u>546</u>		

2027
 Rev. 0
 3/3/76

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1977

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 3/4/77

COMPLETED BY D.E. Nevinski, Engr.
for 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				
1	2/23/76	F		21.8	A Loss of 345 KV Line Due To Icing During Winter Storm	3	Plant restarted and line repaired.

(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: Load rejection scram occurred at 0659 2/23/77; unit re-synch. at 0445 2/24/77.

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