

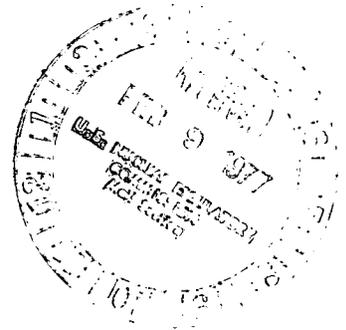
NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

February 7, 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
January 1977

Attached are ten copies of the Monthly Operating Report for January 1977 for the Monticello Nuclear Generating Plant.

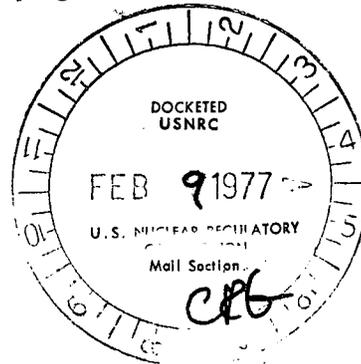
Yours very truly,

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

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

Regulatory Docket File



1198

OPERATING DATA REPORT

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

OPERATING STATUS

1. Reporting Period: JANUARY Gross Hours in Report Period: 744,0
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>744.0</u>	<u>744.0</u>	<u>38,820.4</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>744.0</u>	<u>37,519.2</u>
8. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross Thermal Energy Generated (MMB)	<u>1,228,329.6</u>	<u>1,228,329.6</u>	<u>63,891,005.0</u>
10. Gross Electrical Energy Generated (MWH)	<u>420,140</u>	<u>420,140</u>	<u>19,064,560</u>
11. Net Electrical Energy Generated (MWH)	<u>404,780</u>	<u>404,780</u>	<u>18,212,252</u>
12. Reactor Service Factor	<u>100%</u>	<u>100%</u>	<u>79.2%</u>
13. Reactor Availability Factor	<u>100%</u>	<u>100%</u>	<u>81.1%</u>
14. Unit Service Factor	<u>100%</u>	<u>100%</u>	<u>76.6%</u>
15. Unit Availability Factor	<u>100%</u>	<u>100%</u>	<u>76.6%</u>
16. Unit Capacity Factor (Using MDC)	<u>101.5%</u>	<u>101.5%</u>	<u>69.3%</u>
17. Unit Capacity Factor (Using Design MWe)	<u>99.8%</u>	<u>99.8%</u>	<u>68.1%</u>
18. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.0%</u>	<u>9.1%</u>

19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): None

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 FEBRUARY 2, 1977
COMPLETED BY W. A. SHAMLA
TELEPHONE 612/295-5151, Ext. 111

MONTH JANUARY, 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>547</u>	17	<u>550</u>
2	<u>528</u>	18	<u>549</u>
3	<u>547</u>	19	<u>552</u>
4	<u>551</u>	20	<u>550</u>
5	<u>551</u>	21	<u>550</u>
6	<u>550</u>	22	<u>550</u>
7	<u>551</u>	23	<u>506</u>
8	<u>547</u>	24	<u>553</u>
9	<u>489</u>	25	<u>552</u>
10	<u>542</u>	26	<u>550</u>
11	<u>548</u>	27	<u>551</u>
12	<u>551</u>	28	<u>549</u>
13	<u>548</u>	29	<u>549</u>
14	<u>553</u>	30	<u>525</u>
15	<u>549</u>	31	<u>553</u>
16	<u>527</u>		

2027
 Rev. 0
 3/3/76

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY 1977

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 2/4/77
 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				

(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.