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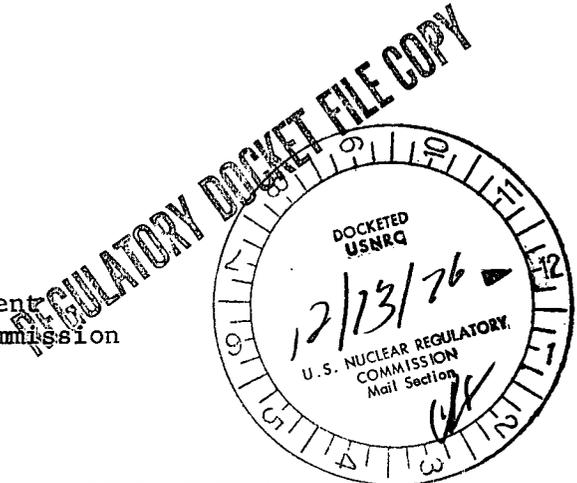
NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

11/3/

December 8, 1976

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
November 1976

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

Also attached is a revised "Unit Shutdowns and Power Reductions" tabulation to replace the October, 1976 tabulation that was transmitted on November 4, 1976. The NRC requested that we split outage No. 32 into forced and scheduled outages and the attached revision provides such a breakdown.

Yours very truly,

A handwritten signature in cursive script that reads "L. O. Mayer".

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

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



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2025
Rev. 0
3/3/76

DEC 07 1976

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
UNIT 1
DATE December 2, 1976
COMPLETED BY W. A. Shamla
TELEPHONE 612/295-5151, Ext. 111

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>532</u>	17	<u>540</u>
2	<u>338</u>	18	<u>541</u>
3	<u>350</u>	19	<u>542</u>
4	<u>449</u>	20	<u>536</u>
5	<u>531</u>	21	<u>515</u>
6	<u>539</u>	22	<u>536</u>
7	<u>519</u>	23	<u>538</u>
8	<u>541</u>	24	<u>538</u>
9	<u>418</u>	25	<u>535</u>
10	<u>315</u>	26	<u>536</u>
11	<u>100</u>	27	<u>532</u>
12	<u>193</u>	28	<u>493</u>
13	<u>388</u>	29	<u>529</u>
14	<u>495</u>	30	<u>532</u>
15	<u>537</u>	31	<u> </u>
16	<u>539</u>		

OPERATING DATA REPORT

DOCKET NO. 50-263
 UNIT 1
 DATE December 2, 1976
 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): None
4. Reasons for Restriction (if any): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	<u>705.6</u>	<u>7,483.8</u>	<u>37,332.4</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
7. Hours Generator On Line	<u>698.6</u>	<u>7,344.7</u>	<u>36,081.9</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>1,068,336.0</u>	<u>11,309,164.8</u>	<u>61,628,402.6</u>
10. Gross Electrical Energy Generated (MWH)	<u>358,600</u>	<u>3,826,230</u>	<u>18,297,280</u>
11. Net Electrical Energy Generated (MWH)	<u>341,398</u>	<u>3,653,434</u>	<u>17,474,526</u>
12. Reactor Service Factor	<u>98.0%</u>	<u>93.1%</u>	<u>78.6%</u>
13. Reactor Availability Factor	<u>98.0%</u>	<u>93.1%</u>	<u>80.5%</u>
14. Unit Service Factor	<u>97.0%</u>	<u>91.4%</u>	<u>75.9%</u>
15. Unit Availability Factor	<u>97.0%</u>	<u>91.4%</u>	<u>75.9%</u>
16. Unit Capacity Factor (Using MDC)	<u>88.5%</u>	<u>84.8%</u>	<u>68.6%</u>
17. Unit Capacity Factor (Using Design MWe)	<u>86.9%</u>	<u>83.3%</u>	<u>67.4%</u>
18. Unit Forced Outage Rate	<u>3.0%</u>	<u>1.2%</u>	<u>9.5%</u>
19. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): Maintenance, 12/17/76, Three Day Duration.			
20. If Shutdown at End of Report Period, Estimated Date of Startup:		<u>N/A</u>	

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE December 2, 1976
 COMPLETED BY W.A. Shamla
 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				
34	761102	F		0	B	4	Power reduced to 68% for repair of #11 feedwater pump motor coupling.
35	761109	F		0	B	4	Power reduced to 61% for repair of #12 feedwater pump.
36	761111	F		21.4	G	3	Automatic scram received as result of inadvertant trip of low condenser vacuum scram instrument during surveillance test.

(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.

2027
 Rev. 0
 5/5/76

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 11/19/76
 COMPLETED BY W. A. Shamla
 TELEPHONE 612/295-5151
 Ext. 111

REPORT MONTH October
 Revision 1

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
31	761003	F		6.9	B	3	Hi Flux Scram Received While Adjustments Were Being Made to Test Stroke Speed Of Turbine Control Valve.
32	761015	F		9.6	A	3	Hi Flux Scram Received As A Result of Pressure Control System Failure (Turbine Control Valve Linkage Failure).
33	761016	S		102.0	B	4	Outage Taken to Reduce Primary System Leakage in Drywell and To Replace Drywell Ventilation Fan Motor. NOTE: Reactor Was In A Shutdown Condition (SD#32) Prior To The Start Of This Outage.

(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: Operated As Base Loaded Unit.

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