

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

April 7, 1978

Director, Office of Management
Information & Program Control
c/o Distribution Services Branch, DDC, AADM
U S Nuclear Regulatory Commission
Washington, DC 20555

US NRC
DISTRIBUTION SERVICES
BRANCH

1978 APR 14 PM 4 03

RECEIVED DISTRIBUTION
SERVICES UNIT

Dear Sir:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Monthly Operating Report
March 1978

Attached are two copies of the Monthly Operating Report for March, 1978
for the Monticello Nuclear Generating Plant.

Yours very truly,



L O Mayer, PE
Manager of Nuclear Support Services

REGULATORY DOCKET FILE COPY

LOM/ak

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

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NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
UNIT Monticello
DATE April 4, 1978
COMPLETED BY A. L. Myrabo
TELEPHONE 612/295-5151

MONTH MARCH

3/1/78
to
3/31/78

Operated at 100% of rated power except for power reductions on March 4, 11, 19, & 25 for weekly surveillance. No safety related maintenance was performed. No significant operating problems experienced.

OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 04/04/78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name : _____ Monticello
2. Reporting Period: _____ March
3. Licensed Thermal Power (Mwt): _____ 1670
4. Nameplate Rating (Gross MWe): _____ 569
5. Design Electrical Rating (Net MWe): _____ 545.4
6. Maximum Dependable Capacity (Gross MWe): _____ 564
7. Maximum Dependable Capacity (Net MWe): _____ 536
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____
9. Power Level to which Restricted, If Any (Net MWe): _____ N/A
10. Reasons For Restrictions, If Any: _____ N/A

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2100	59185
12. Number Of Hours Reactor Was Critical	744	2132.2	47300.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	744	2118.3	45895.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1227617	3435442	77090016
17. Gross Electrical Energy Generated (MWH)	419660	1176410	23549100
18. Net Electrical Energy Generated (MWH)	404492	1133794	22510168
19. Unit Service Factor	100.0%	98.1%	77.6%
20. Unit Availability Factor	100.0%	98.1%	77.6%
21. Unit Capacity Factor (Using MDC Net)	101.4%	97.9%	71.0%
22. Unit Capacity Factor (Using DER Net)	99.7%	96.2%	69.7%
23. Unit Forced Outage Rate	0.0%	0.5%	1.7%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)			
Refueling Outage, October 16, 1978, 40 days			

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: _____ N/A
26. Units In Test Status (Prior to Commercial Operation): _____ N/A Forecast Achieved

INITIAL CRITICALITY _____
 INITIAL ELECTRICITY _____
 COMMERCIAL OPERATION _____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263_____
 UNIT Monticello_____
 DATE 04-04-78_____
 COMPLETED BY A. L. Myrabo_____
 TELEPHONE 612/295-5151

MONTH _____MARCH_____

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	549
2	551
3	550
4	520
5	550
6	551
7	551
8	551
9	549
10	551
11	506
12	545
13	552
14	551
15	551
16	550

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	550
18	553
19	467
20	530
21	550
22	550
23	552
24	550
25	528
26	551
27	551
28	550
29	554
30	543
31	548

INSTRUCTIONS

On this format, list the average daily unit power level in Mwe-net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 4/4/78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source