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PDR
REGULATORY DOCKET FILE COPY

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

June 13, 1978

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
May 1978

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

Yours very truly,

L O Mayer, PE
Manager of Nuclear Support Services

LOM/deh

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
 DATE 6-8-78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name : _____ Monticello
2. Reporting period: _____ MAY
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: _____ N/A
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	3623	60648
12. Number Of Hours Reactor Was Critical	744.0	3549.6	48718.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	744.0	3519.8	47297.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1172909	5657288	79311862
17. Gross Electrical Energy Generated (MWH)	398510	1932440	24305130
18. Net Electrical Energy Generated (MWH)	382718	1860666	23237040
19. Unit Service Factor	100.0%	97.2%	78.0%
20. Unit Availability Factor	100.0%	97.2%	78.0%
21. Unit Capacity Factor (Using MDC Net)	96.0%	95.8%	71.5%
22. Unit Capacity Factor (Using DER Net)	94.3%	94.2%	70.3%
23. Unit Forced Outage Rate	0.0%	0.3%	7.5%
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 6- 8-78_____
 COMPLETED BY A. L. Myrabo_____
 TELEPHONE 612/295-5151

MONTH _____ MAY _____

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	505
2	547
3	549
4	548
5	552
6	550
7	470
8	542
9	540
10	515
11	550
12	499
13	549
14	551
15	515
16	506

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	509
18	494
19	485
20	538
21	413
22	512
23	535
24	468
25	477
26	534
27	531
28	495
29	448
30	537
31	482

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.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET No. 50-263

UNIT Monticello

COMPLETED BY A. L. Myrabo

TELEPHONE 612/295-5151

DATE June 8, 1978

Month May, 1978

5/1/78
to
5/31/78

Operated at 100% power except for power reductions on fourteen days for load following. No safety related maintenance performed. No significant operating problems experienced.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE June 8, 1978
 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