Northern States Power Company

Monticello Nuclear Generating Plant
2807 West Co. Rd. 75
Monticello, Minnesota 55362-9637

March 9, 2000

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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

Submittal of Monticello Monthly Operating Report for February 2000

In accordance with Monticello Technical Specification 6.7.A.3, the report of operating statistics for the Monticello Nuclear Generating Plant for the month of February is provided.

Please contact Marcus H. Voth, Project Manager – Licensing at (612) 271-5116 if you require further information.

M H Voth

Marcus H. Voth
Project Manager - Licensing
Nuclear Energy Engineering Dept.

c: Regional Administrator – III, NRC
NRR Project Manager, NRC
Sr Resident Inspector, NRC
State of Minnesota
J Silberg

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OPERATING DATA REPORT

DOCKET NO. 50-263
DATE 3- 1- 0
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name : Monticello
2. Reporting period: February
3. Licensed Thermal Power (MWt): 1775
4. Nameplate Rating (Gross MWe): 613.0
5. Design Electrical Rating (Net MWe): 600.0
6. Maximum Dependable Capacity (Gross MWe): 605.1
7. Maximum Dependable Capacity (Net MWe): 578.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	696	1440	251305
12. Number Of Hours Reactor Was Critical	54.7	175.1	206076.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	7.6	128.0	202816.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	6427	177643	317629388
17. Gross Electrical Energy Generated (MWH)	771	59316	107668604
18. Net Electrical Energy Generated (MWH)	-2457	51540	103080864
19. Unit Service Factor	1.1%	8.9%	80.7%
20. Unit Availability Factor	1.1%	8.9%	80.7%
21. Unit Capacity Factor (Using MDC Net)	-0.6%	6.2%	76.2%
22. Unit Capacity Factor (Using DER Net)	-0.6%	6.0%	74.8%
23. Unit Forced Outage Rate	0.0%	0.0%	4.4%

24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)
Not Reported

25. If Shut Down At End Of Report Period, Estimated Date Of Startup:
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 3- 1- 0
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH OF February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-3.	17	-6.
2	-2.	18	-6.
3	-2.	19	-5.
4	-3.	20	-6.
5	-3.	21	-6.
6	-3.	22	-6.
7	-3.	23	-7.
8	-4.	24	-6.
9	-3.	25	-6.
10	-2.	26	-6.
11	-2.	27	-6.
12	-2.	28	-8.
13	-4.	29	21.
14	-4.		
15	-4.		
16	-4.		

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

DOCKET NO. 50-263
UNIT NAME Monticello
DATE 03-01-00
COMPLETED BY H. H. Paustian
TELEPHONE 612-295-5151

REPORT MONTH February

No.	Date	Type (1)	Duration (hours)	Reason (2)	Method of Shutdown (3)	LER No.	System Code (4)	Comp Code (5)	Cause & Corrective Action to Prevent Recurrence
2	02-01-00	S	688.5	C	2	N/A			Plant shutdown for 2000 (EOC19) refueling outage.

1
F Forced
S Scheduled

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

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

4
Draft IEEE Standard 805-1984 (P805-D5)

5
IEEE Standard 803A-1983

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
DATE 3- 1- 0
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH FEB

02-01-00 to 02-27-00	Shutdown for 2000 refueling outage.
02-27-00 to 02-29-00	Plant startup in progress.

Note: Power operation defined as essentially 100% of rated power except for weekend load drops for specified surveillance testing.