



Northern States Power Company

Monticello Nuclear Generating Plant  
2807 West Hwy 75  
Monticello, Minnesota 55362-9637

January 9, 1997

Monticello Technical  
Specification 6.7.A.3

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 December, 1996

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 December is provided.

Please contact Sam Shirey, Sr. Licensing Engineer, at (612) 295-1449 if you require further information.

*Sam Shirey for*

Roger O Anderson  
Director  
Licensing and Management Issues

c: Regional Administrator - III, NRC  
NRR Project Manager, NRC  
Sr Resident Inspector, NRC  
State of Minnesota  
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# OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 1- 2-97  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

## OPERATING STATUS

1. Unit Name :	Monticello	] Notes ] ] ] ] ] ] ]
2. Reporting period:	December	
3. Licensed Thermal Power (MWt):	1670	
4. Nameplate Rating (Gross MWe):	576.5	
5. Design Electrical Rating (Net MWe):	552.9	
6. Maximum Dependable Capacity (Gross MWe):	571.5	
7. Maximum Dependable Capacity (Net MWe):	543.5	
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

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	744	8784	223585
12. Number Of Hours Reactor Was Critical	702.8	7633.1	183392.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	691.3	7445.6	180316.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1137307	11819122	279871911
17. Gross Electrical Energy Generated (MWH)	395718	4043484	94673515
18. Net Electrical Energy Generated (MWH)	381569	3872937	90604309
19. Unit Service Factor	92.9%	84.8%	80.6%
20. Unit Availability Factor	92.9%	84.8%	80.6%
21. Unit Capacity Factor (Using MDC Net)	94.4%	81.6%	75.6%
22. Unit Capacity Factor (Using DER Net)	92.8%	80.2%	74.3%
23. Unit Forced Outage Rate	7.1%	4.0%	3.4%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) None			

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 1- 2-97

COMPLETED BY H. H. Paustian

TELEPHONE 612/295-5151

MONTH OF December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	560.
2	566.
3	561.
4	562.
5	562.
6	372.
7	-7.
8	-7.
9	389.
10	556.
11	560.
12	564.
13	562.
14	562.
15	562.
16	563.

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	560.
18	561.
19	561.
20	561.
21	562.
22	561.
23	562.
24	561.
25	561.
26	561.
27	565.
28	558.
29	558.
30	560.
31	561.

## 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  
DATE 1- 2-97  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ DEC \_\_\_\_\_

12-01-96  
to Power operation.  
12-06-96  
12-06-96 Manual shutdown to repair small leak on Safety Relief  
Valve "D".  
12-08-96 Reactor critical.  
12-08-96  
to Power operation.  
12-31-96

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 01-02-97

COMPLETED BY H. H. Paustian

TELEPHONE 612/295-5151

REPORT MONTH December

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
12	12-06-96	F	52.7	A	2	N/A	SB	RV	Manual shutdown required to repair leaking Safety Relief Valve.

1  
F: Forced  
S: Scheduled

2  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulator 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  
Draft IEEE Standard  
805-1984(P805-D5)  
5  
IEEE Standard 803A-1983