



Northern States Power Company

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

October 11, 1996

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 September, 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 September is provided.

Please contact Marv Engen, Sr Licensing Engineer, at (612) 295-1291 if you require further information.

Marv Engen for ROA

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 10-1-96
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

	Notes
1. Unit Name : Monticello	
2. Reporting period: September	
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	720	6575	221376
12. Number Of Hours Reactor Was Critical	720.0	5488.4	181248.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	720.0	5336.1	178206.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1201776	8326233	276379022
17. Gross Electrical Energy Generated (MWH)	413320	2828998	93459029
18. Net Electrical Energy Generated (MWH)	396953	2701856	89433228
19. Unit Service Factor	100.0%	81.2%	80.5%
20. Unit Availability Factor	100.0%	81.2%	80.5%
21. Unit Capacity Factor (Using MDC Net)	101.4%	76.2%	75.4%
22. Unit Capacity Factor (Using DER Net)	99.7%	74.9%	74.1%
23. Unit Forced Outage Rate	0.0%	3.8%	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 10- 1-96
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH OF September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	544.
2	544.
3	552.
4	535.
5	540.
6	539.
7	542.
8	546.
9	545.
10	545.
11	546.
12	549.
13	548.
14	555.
15	554.
16	559.

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	551.
18	563.
19	548.
20	556.
21	558.
22	559.
23	557.
24	556.
25	558.
26	558.
27	559.
28	559.
29	559.
30	558.

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 MonticelloDATE 10-01-96COMPLETED BY H. H. PaustianTELEPHONE 612/295-5151REPORT MONTH September

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
	None								

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
DATE 10- 1-96
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ SEP _____

09-01-96
to Power operation
09-30-96

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