



Northern States Power Company

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

May 7, 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 April, 1997

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 April 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 5-1-97
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

	Notes
1. Unit Name : Monticello	
2. Reporting period: April	
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	719	2879	226464
12. Number Of Hours Reactor Was Critical	719.0	2879.0	186271.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	719.0	2879.0	183195.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1188502	4788683	284660594
17. Gross Electrical Energy Generated (MWH)	410962	1660905	96334420
18. Net Electrical Energy Generated (MWH)	396006	1602389	92206698
19. Unit Service Factor	100.0%	100.0%	80.9%
20. Unit Availability Factor	100.0%	100.0%	80.9%
21. Unit Capacity Factor (Using MDC Net)	101.3%	102.4%	75.9%
22. Unit Capacity Factor (Using DER Net)	99.6%	100.7%	74.6%
23. Unit Forced Outage Rate	0.0%	0.0%	3.4%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) _Refueling, 1/16/98-2/18/98, 34 days			

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 5-1-97
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH OF April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	555.
2	555.
3	557.
4	555.
5	555.
6	556.
7	554.
8	529.
9	534.
10	552.
11	553.
12	464.
13	555.
14	557.
15	548.
16	555.

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	560.
18	559.
19	558.
20	557.
21	557.
22	557.
23	558.
24	556.
25	556.
26	555.
27	554.
28	554.
29	554.
30	554.

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 5-1-97
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ APR _____

04-01-97
to Power operation.
04-08-97

04-08-97 During safeguards bus voltage testing, the breaker supplying normal power to one of two safeguards busses tripped, resulting in eventual loading of that safeguards bus onto the emergency diesel generators. Circ Water Pump # 11 also tripped as part of the electrical transient and reactor power was reduced to maintain acceptable condenser vacuum.

04-08-97
to Power operation.
04-12-97

04-12-97 Reactor power was reduced to 75% to perform quarterly MSIV testing, perform single rod scram testing, and to perform miscellaneous maintenance work.

04-12-97
to Power operation.
04-30-97

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April
 DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 05-01-97
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

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
1	04-08-97	F	0.0	G	4	97-006	EB	MTR	During safeguard bus testing, test meter was not removed. This caused an electrical transient and power reduction to 90% due to condenser vacuum.
2	04-12-97	S	0.0	B	4	N/A			Power reduction to 75% for MSIV quarterly testing, single rod scram testing, offgas system controller tuning, and isophase blower maintenance.

 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