



Northern States Power Company

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August 12, 1993

Monticello Technical Specifications  
Section 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

Monthly Operating Report  
March, 1993

Attached is the Monthly Operating Report for March, 1993 for the Monticello Nuclear Generating Plant.

Roger O Anderson  
Director  
Licensing and Management Issues

c: Director, Office of Resource Management  
Regional Administrator-III, NRC  
NRR Project Manager, NRC  
NRC Resident Inspector  
State of Minnesota - Kris Sanda

Attachment

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# OPERATING DATA REPORT

DOCKET NO. 50-263  
DATE 4- 1-93  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

## OPERATING STATUS

1. Unit Name : _____	Monticello	]Notes
2. Reporting period: _____	March	]
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: _____		

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	2160	190681
12. Number Of Hours Reactor Was Critical	195.1	823.0	152807.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	147.8	772.8	150049.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	225322	992523	230385936
17. Gross Electrical Energy Generated (MWH)	76386	329314	77860114
18. Net Electrical Energy Generated (MWH)	70712	309569	74465456
19. Unit Service Factor	19.9%	35.8%	78.7%
20. Unit Availability Factor	19.9%	35.8%	78.7%
21. Unit Capacity Factor (Using MDC Net)	17.7%	26.7%	72.9%
22. Unit Capacity Factor (Using DER Net)	17.4%	26.3%	71.6%
23. Unit Forced Outage Rate	29.2%	7.3%	3.7%
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: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 4- 1-93\_\_\_\_\_  
COMPLETED BY H. H. Paustian\_\_\_\_\_  
TELEPHONE 612/295-5151

MONTH OF March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	_____ -3. _____
2	_____ -3. _____
3	_____ -3. _____
4	_____ -3. _____
5	_____ -3. _____
6	_____ -3. _____
7	_____ -4. _____
8	_____ -4. _____
9	_____ -4. _____
10	_____ -4. _____
11	_____ -3. _____
12	_____ -3. _____
13	_____ -3. _____
14	_____ -3. _____
15	_____ -2. _____
16	_____ -5. _____

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	_____ -5. _____
18	_____ -5. _____
19	_____ -7. _____
20	_____ -6. _____
21	_____ -7. _____
22	_____ -9. _____
23	_____ -10. _____
24	_____ -8. _____
25	_____ 11. _____
26	_____ 292. _____
27	_____ 550. _____
28	_____ 548. _____
29	_____ 551. _____
30	_____ 551. _____
31	_____ 553. _____

## 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 4- 1-93  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH       MAR      

3-1-93  
to Plant shut down for 1993 Refueling Outage.  
3-21-93  
3-21-93 Reactor physics testing in progress.  
3-22-93 Reactor critical in A2R3 control rod sequence for Cycle 16  
startup.  
3-23-93 Reactor scram during turbine valve testing for Cycle 16 startup.  
3-24-93 Reactor critical. Shutdown required to repair leaking  
Safety Relief Valves.  
3-25-93 Reactor critical. Generator on-line.  
3-26-93 Generator briefly off-line for turbine overspeed test.  
to Generator back on-line. Power operation.  
3-31-93

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 March
 DOCKET NO. 50-263  
 UNIT NAME Monticello  
 DATE 04-01-93  
 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	03-01-93	S	535.4	C	1	N/A			Plant shutdown for 1993 (EOC15) refueling outage
2	03-23-93	F	27.5	G	3	93-006	JI	PCV	Automatic scram during turbine stop valve leak test caused by procedural change.
3	03-24-93	F	33.3	A	2	N/A	SB	RV	Shutdown required to repair leaking Safety Relief Valves.

 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