



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

October 12, 1994

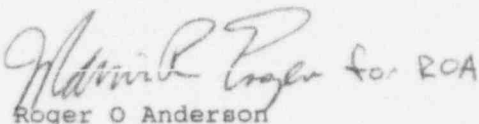
Monticello Technical Specifications
Section 6.7.A.3

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
September, 1994

Attached is the Monthly Operating Report for September, 1994, 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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DOCKET NO. 50-263
DATE 10- 3-94
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

1. Unit Name : Monticello
2. Reporting period: September
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	720	6551	203832
12. Number Of Hours Reactor Was Critical	342.3	6011.5	165387.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	337.0	5973.3	162574.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	457738	9689662	250954442
17. Gross Electrical Energy Generated (MWH)	149701	3259763	84814426
18. Net Electrical Energy Generated (MWH)	140621	3121217	81140010
19. Unit Service Factor	46.8%	91.2%	79.8%
20. Unit Availability Factor	46.8%	91.2%	79.8%
21. Unit Capacity Factor (Using MDC Net)	36.4%	88.9%	74.3%
22. Unit Capacity Factor (Using DER Net)	35.8%	87.4%	73.0%
23. Unit Forced Outage Rate	0.0%	3.2%	3.6%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)			
Refueling Outage - 9/15/94 - 39 days			

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: 10/21/94
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- 3-94
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH OF September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	437.
2	438.
3	439.
4	437.
5	435.
6	432.
7	428.
8	424.
9	423.
10	419.
11	412.
12	402.
13	413.
14	382.
15	-6.
16	-7.

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-6.
18	-4.
19	-3.
20	-4.
21	-4.
22	-4.
23	-4.
24	-2.
25	-4.
26	-3.
27	-3.
28	-4.
29	-3.
30	-3.

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 10- 3-94
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ SEP _____

09-01-94
to Power operation (End-of-cycle coastdown began 7/18/94.)
09-15-94

09-15-94
to Shutdown for 1994 Refueling Outage.
09-30-94

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 10-07-94
 COMPLETED BY H. H. Pauscian
 TELEPHONE 612/295-5151

REPORT 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
6	09-15-94	S	383.1	C	1	N/A			Plant shutdown for 1994 (EOC16) 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 & 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