



Northern States Power Company

Monticello Nuclear Generating Plant
2907 West Hwy 75
Monticello, Minnesota 55362-9637

June 10, 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 May, 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 May is provided.

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

Marv R 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
Attn: Kris Sanda
J Silberg

200036

9606200010 960531
PDR. ADOCK 05000263
R PDR

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OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 6-3-96
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

OPERATING STATUS

- | | Notes |
|---|-------|
| 1. Unit Name : <u>Monticello</u> | |
| 2. Reporting period: <u>May</u> | |
| 3. Licensed Thermal Power (Mwt): <u>1670</u> | |
| 4. Nameplate Rating (Gross MWe): <u>583.5</u> | |
| 5. Design Electrical Rating (Net MWe): <u>559.9</u> | |
| 6. Maximum Dependable Capacity (Gross MWe): <u>578.5</u> | |
| 7. Maximum Dependable Capacity (Net MWe): <u>550.5</u> | |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>New turbine installed; new ratings estimated pending completion of performance testing</u> | |
| 9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u> | |
| 10. Reasons For Restrictions, If Any: <u>N/A</u> | |

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	744	3647	218448
12. Number Of Hours Reactor Was Critical	242.0	2650.9	178410.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	110.8	2518.2	175389.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	160090	3704410	271757199
17. Gross Electrical Energy Generated (MWH)	49105	1249079	91879110
18. Net Electrical Energy Generated (MWH)	43311	1192077	87923449
19. Unit Service Factor	14.9%	69.0%	80.3%
20. Unit Availability Factor	14.9%	69.0%	80.3%
21. Unit Capacity Factor (Using MDC Net)	10.6%	60.9%	75.1%
22. Unit Capacity Factor (Using DER Net)	10.4%	59.8%	73.8%
23. Unit Forced Outage Rate	48.0%	3.9%	3.4%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) <u>None</u>			

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 6-3-96
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

MONTH OF May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-2.	17	-7.
2	-3.	18	-8.
3	-5.	19	-10.
4	-3.	20	-9.
5	-3.	21	-11.
6	-3.	22	-10.
7	-3.	23	-9.
8	-3.	24	-7.
9	-3.	25	-8.
10	-4.	26	41.
11	-2.	27	45.
12	-5.	28	234.
13	-7.	29	527.
14	-6.	30	541.
15	-6.	31	559.
16	-6.		

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 6-3-96
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH MAY

05-01-96
to End-of-Cycle 17 refueling
05-23-96

05-23-96
to Startup testing and repair of new turbine
05-28-96

05-28-96
to Power operation
05-31-96

Spent Fuel Pool Update

Fuel assemblies in core	484
Fuel assemblies in spent fuel pool	966
Licensed capacity	2237
Date of last refueling that can be discharged with present capacity	2006

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 06-05-96
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

REPORT MONTH May

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
2	05-01-96	S	530.8	C	2	N/A			Plant shutdown for 1996 (EOC17) refueling outage.
3	05-23-96	F	102.5	A	2	N/A	TA	TRB	Post-refueling restart was delayed by vibration problems in new turbine.

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