



Northern States Power Company

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

June 5, 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 May, 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 May is provided.

Please contact Sam Shirey, Sr. Licensing Engineer, at (612) 295-1449 if you require further information.

M. K. Oath / 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
Attn: Kris Sanda
J Silberg

JE24/1

9706270081 970531
PDR ADOCK 05000263
R PDR

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OPERATING DATA REPORT

DOCKET NO. 50-253
 DATE 6-2-97
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/255-5151

OPERATING STATUS

	Notes
1. Unit Name : _____ Monticello	
2. Reporting period: _____ May	
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	744	3623	227208
12. Number Of Hours Reactor Was Critical	213.2	3092.2	186485.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	213.2	3092.2	183408.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	350532	5139215	285011126
17. Gross Electrical Energy Generated (MWH)	120296	1781201	96454716
18. Net Electrical Energy Generated (MWH)	113679	1716069	92320377
19. Unit Service Factor	28.7%	85.3%	80.7%
20. Unit Availability Factor	28.7%	85.3%	80.7%
21. Unit Capacity Factor (Using MDC Net)	28.1%	87.1%	75.8%
22. Unit Capacity Factor (Using DER Net)	27.6%	85.7%	74.5%
23. Unit Forced Outage Rate	71.3%	14.7%	3.7%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)			
ECCS Strainer Replacement, 5/10/97-7/26/97, 77 days			
Refueling Outage, 3/15/98-4/18/98, 34 days			

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: 7/26/97
 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 6-2-97
 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	554.	17	-4.
2	553.	18	-4.
3	553.	19	-4.
4	553.	20	-4.
5	554.	21	-4.
6	551.	22	-4.
7	552.	23	-4.
8	552.	24	-4.
9	412.	25	-4.
10	-8.	26	-4.
11	-6.	27	-4.
12	-4.	28	-4.
13	-4.	29	-4.
14	-4.	30	-4.
15	-4.	31	-4.
16	-4.		

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 6-2-97
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH _____ MAY _____

05-01-97
to Power operation.
05-09-97

05-09-97 Plant shut down awaiting fabrication and installation
to of new ECCS suction strainers.
05-31-97

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 06-02-97
 COMPLETED BY H. H. Paustian
 TELEPHONE 512/295-5151

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
1	05-09-97	F	530.8	H	2	N/A	B0	STR	Newly discovered questions regarding ECCS suction strainers resulted in decision to shut down plant for fab/installation of new strainers.

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