Northern States Power Company

NSP

Monticello Nuclear Generating Plant 2807 West Co. Rd. 75 Monticello, Minnesota 55362-9637

January 5, 2000

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 December 1999

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 December is provided.

Please contact Marcus H. Voth, Project Manager - Licensing at (612) 271-5116 if you require further information.

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Marcus H. Voth Project Manager - Licensing Nuclear Energy Engineering Dept.

c: Regional Administrator - III, NRC NRR Project Manager, NRC Sr Resident Inspector, NRC State of Minnesota Attn: Steve Minn J Silberg

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DOCKET NO.	50-263
DATE	1 - 2 - 0
COMPLETED BY	H. H. Paustian
TELEPHONE	612/295-5151

OPERATING STATUS

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1. 2. 3. 4. 5.	Unit Name :M Reporting period: Licensed Thermal Power (MWt): Nameplate Rating (Gross MWe): Design Electrical Rating (Net MWe): Maximum Dependable Capacity (Gross MW	Monticello December 1775 613.0 600.0 Me): 605.1]Notes]]]]]	
1.	Maximum Dependable Capacity (Net MWe) If Changes Occur in Capacity Ratings Report, Give Reasons:N/A	(Items Numb	j per 3 Through 7) Since Last
9. 10.	Power Level To Which Restricted, If A Reasons For Restrictions, If Any:N	Any (Net MWe N/A	e):N/A	
		THIS MONTH	YRTO-DATE	CUMULATIVE
11.	Hours In Reporting Period Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH)	744	8760	249865
12.	Number Of Hours Reactor Was Critical	744.0	8135.1	205901.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14.	Hours Generator On-Line	744.0	8092.6	202688.5
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH)	1170387	14071311	317451745
17	Grade Floatrical Frency Concrated (My	JUI) A03311	4834547	107609288
18.	Net Electrical Energy Generated (MWH)	387942	4649340	103029324
19.	Unit Service Factor	100.0%	92.4%	81.1%
20.	Unit Availability Factor	100.0%	92.4%	81.1%
21.	Unit Capacity Factor (Using MDC Net)	90.2%	91.8%	76.6%
22.	Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor Unit Capacity Factor (Using MDC Net) Unit Capacity Factor (Using DER Net) Unit Forced Outage Rate	86.9%	88.5%	75.2%
23.	Unit Forced Outage Rate	0.0%	7.6%	4.5%
24.	Shutdowns Scheduled Over Next 12 Mont _Not Reported	ins (Type, I	Jace, and Jurat	.10n OI Each)

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.			
	UNIT	Mont	icello	
	DATE	1-	2-0	
COMPLETED				
TELEPHO	DNE	612/29	5-5151	

MONTH C	F December		
DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
	(MWe-Net)		(MWe-Net)
1	553	17	514
2	550	18	520
3	550	19	515
4	548	20	505
5	546	21	511
6	543	22	509
7	543	23	506
8	538	24	504
9	541	25	503
10	532	26	499
11	531	27	500
12	531	28	495
13	528	29	494
14	526	30	492
15	523	31	491
16	522		

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 1- 2- 0 COMPLETED BY H. H. Paustian TELEPHONE 612/295-5151

MONTH DEC

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12-01-99

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to Power coastdown as refueling outage approaches.

12-31-99

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-263	_
Monticello	_
01-02-00	_
H. H. Paustian	_
612-295-5151	
	Monticello 01-02-00 H. H. Paustian

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REPORT MONTH

December

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
	None								
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	· · · · · · · · · · · · · · · · · · ·								

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Forced

Scheduled

Reason:

2

- Equipment Failure (Explain) Α
 - Maintenance or Test В
 - С Refueling
 - Regulator Restriction D
 - **Operator Training & Licensing Examination** Ε
 - Administrative F
 - Operational Error (Explain) Other (Explain) G
 - Η

3

- Method:
- Manual 1
- Manual Scram 2
- Automatic Scram 3 4
 - Other (Explain)

4

Draft IEEE Standard 805-1984 (P805-D5)

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IEEE Standard 803A-1983