Northern States Power Company

414 Nicollet Mall
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March 11, 1991

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
February 1991

Attached is the Monthly Operating Report for February, 1991 for the Monticello Nuclear Generating Plant.

Thomas M Parker
Manager
Nuclear Support Service

TMP/mkl

C: Director, Office of Resource Management
Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
MPCA
Attn: J W Ferman

Attachment

IE24 1/1

OPERATING DATA REPORT

DOCKET NO. 50-263
DATE 3- 2-91
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

OPERATING STATUS

		Notes
1. Unit Name :	Monticello	
2. Reporting period:	FEBRUARY	
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	672	1416	172393
12. Number Of Hours Reactor Was Critical	511.0	1255.0	137597.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	491.6	1235.6	134986.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	715776	1890535	206213469
17. Gross Electrical Energy Generated (MWH)	239690	634939	69763499
18. Net Electrical Energy Generated (MWH)	228632	608473	66715720
19. Unit Service Factor	73.2%	87.3%	78.3%
20. Unit Availability Factor	73.2%	87.3%	78.3%
21. Unit Capacity Factor (Using MDC Net)	63.5%	80.2%	72.2%
22. Unit Capacity Factor (Using DER Net)	62.4%	78.8%	71.0%
22. Unit Forced Outage Rate	17.4%	7.8%	4.0%

24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)
Refueling Outage, April 1, 1991, 58 Days

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		

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
DATE 3-2-91
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH FEBRUARY

2-1-91 to 2-7-91	Power operation. Cycle 14 coastdown.
2-7-91 to 2-11-91	Plant shutdown to repair leaking feedwater heater tubes.
2-11-91	IRM High-High Flux scram while restarting after feedwater heater repair outage.
2-11-91 to 2-15-91	Evaluation of cause of IRM Flux scram and development of modified rod withdrawal sequence.
2-15-91 to 2-28-91	Power operation. Cycle 14 coastdown.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263
UNIT Monticello
DATE 3- 2-91
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH FEBRUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	483	17	478
2	484	18	474
3	483	19	472
4	479	20	474
5	478	21	470
6	475	22	469
7	375	23	466
8	-7	24	467
9	-5	25	463
10	-5	26	464
11	-7	27	458
12	-7	28	459
13	-7	29	
14	-8	30	
15	210	31	
16	490		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263
UNIT NAME Monticello
DATE 03-02-91
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

REPORT MONTH February

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	02-07-91	S	76.5	B	1	N/A	SJ	HX	Maintenance outage to repair leaking feedwater heater tubes.
2	02-11-91	F	103.9	H	3	91-003	IG	DET	IRM High-High Flux scram due to higher than expected response to control rod notch withdrawal during heatup.

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