



Northern States Power Company

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December 11, 1990

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  
November, 1990

Attached is the Monthly Operating Report for November, 1990 for the Monticello Nuclear Generating Plant.

Thomas M Parker  
Manager  
Nuclear Support Service

TMP/jlk

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

Attachment

9012180114 901130  
PDR ADOCK 05000263  
R PDR

1624

OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 12-3-90  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

OPERATING STATUS

	Notes
1. Unit Name : <u>Monticello</u>	!
2. Reporting period: <u>NOVEMBER</u>	!
3. Licensed Thermal Power (MWt): <u>1670</u>	!
4. Nameplate Rating (Gross MWe): <u>569</u>	!
5. Design Electrical Rating (Net MWe): <u>545.4</u>	!
6. Maximum Dependable Capacity (Gross MWe): <u>564</u>	!
7. Maximum Dependable Capacity (Net MWe): <u>536</u>	!
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	<u>720</u>	<u>8016</u>	<u>170233</u>
12. Number Of Hours Reactor Was Critical	<u>704.5</u>	<u>7743.3</u>	<u>135598.8</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
14. Hours Generator On-Line	<u>691.6</u>	<u>7671.2</u>	<u>133006.5</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1144250</u>	<u>12712390</u>	<u>203083917</u>
17. Gross Electrical Energy Generated (MWH)	<u>387168</u>	<u>4277261</u>	<u>68710133</u>
18. Net Electrical Energy Generated (MWH)	<u>372669</u>	<u>4103631</u>	<u>65704951</u>
19. Unit Service Factor	<u>96.1%</u>	<u>95.7%</u>	<u>78.1%</u>
20. Unit Availability Factor	<u>96.1%</u>	<u>95.7%</u>	<u>78.1%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.6%</u>	<u>95.5%</u>	<u>72.0%</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.9%</u>	<u>93.9%</u>	<u>70.8%</u>
22. Unit Forced Outage Rate	<u>3.9%</u>	<u>2.7%</u>	<u>4.0%</u>
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: 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 12- 3-90  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ NOVEMBER \_\_\_\_\_

11- 1-90  
to  
11- 2-90 Continued outage for scram recovery, safety relief valve  
repair, and miscellaneous maintenance following 10-29-90 scram.  
11- 2-90  
to  
11-30-90 Power operation.

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 12- 3-90  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

MONTH NOVEMBER

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

1 -7  
 2 311  
 3 542  
 4 541  
 5 544  
 6 542  
 7 543  
 8 543  
 9 547  
 10 537  
 11 552  
 12 548  
 13 541  
 14 547  
 15 545  
 16 543

17 541  
 18 539  
 19 544  
 20 546  
 21 541  
 22 547  
 23 545  
 24 539  
 25 548  
 26 542  
 27 541  
 28 545  
 29 543  
 30 545  
 31

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 12-03-90  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

REPORT MONTH November

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
7	11-01-90	F	28.4	H	3	90-017	JC	PS	Probable scram cause was an impact to ref. leg of press. sens. inst. for RPS. Post-event testing confirmed scram signals could be initiated.

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