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 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1989 for Monticello Nuclear Plant W/890614 Ltr.

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*Monthly Rpt  
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Northern States Power Company

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June 14, 1989

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  
May, 1989

Attached is the Monthly Operating Report for May, 1989 for the Monticello Nuclear Generating Plant.

Thomas M Parker  
Manager of Nuclear Support Services

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

8906200393 890531  
PDR ADOCK 05000263  
R PNU

IE24  
11

OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 6-2-89  
 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>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>744</u>	<u>3623</u>	<u>157080</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3600.0</u>	<u>124776.4</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3579.0</u>	<u>122335.6</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>818964</u>	<u>4874119</u>	<u>186766935</u>
17. Gross Electrical Energy Generated (MWH)	<u>264117</u>	<u>1619322</u>	<u>63265034</u>
18. Net Electrical Energy Generated (MWH)	<u>249945</u>	<u>1546993</u>	<u>60501349</u>
19. Unit Service Factor	<u>100.0%</u>	<u>98.8%</u>	<u>77.9%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>98.8%</u>	<u>77.9%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>62.7%</u>	<u>79.7%</u>	<u>71.9%</u>
22. Unit Capacity Factor (Using DER Net)	<u>61.6%</u>	<u>78.3%</u>	<u>70.6%</u>
22. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.0%</u>	<u>4.0%</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) <u>Refueling Outage, August 19, 1989, 79 Days</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 \_\_\_\_\_

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263  
DATE 6-2-89  
COMPLETED BY H. H. Paustian  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ MAY \_\_\_\_\_

5- 1-89  
to Power operation.  
5-31-89

Note: End-of-cycle coastdown commenced 1-16-89

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 6-2-89  
 COMPLETED BY H. H. Paustian  
 TELEPHONE 612/295-5151

MONTH        MAY       

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>      362      </u>	17	<u>      331      </u>
2	<u>      361      </u>	18	<u>      330      </u>
3	<u>      355      </u>	19	<u>      329      </u>
4	<u>      356      </u>	20	<u>      327      </u>
5	<u>      354      </u>	21	<u>      325      </u>
6	<u>      354      </u>	22	<u>      323      </u>
7	<u>      353      </u>	23	<u>      321      </u>
8	<u>      351      </u>	24	<u>      321      </u>
9	<u>      347      </u>	25	<u>      321      </u>
10	<u>      347      </u>	26	<u>      321      </u>
11	<u>      350      </u>	27	<u>      320      </u>
12	<u>      339      </u>	28	<u>      319      </u>
13	<u>      340      </u>	29	<u>      318      </u>
14	<u>      340      </u>	30	<u>      316      </u>
15	<u>      336      </u>	31	<u>      315      </u>
16	<u>      332      </u>		

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 06-02-89  
 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
	None								

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