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RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1990 for Monticello Nuclear
Generating Plant. W/901112 Ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES: NRR/LONG, W.

05000263

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Northern States Power Company

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November 12, 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
October, 1990

Attached is the Monthly Operating Report for October, 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

9011150254 901031
PDR ADDOCK 05000263
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IE24
11

OPERATING DATA REPORT

DOCKET NO. 50-263
DATE 11-1-90
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

OPERATING STATUS

	!Notes!
1. Unit Name : <u>Monticello</u>	!
2. Reporting period: <u>OCTOBER</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): <u>N/A</u>	
10. Reasons For Restrictions, If Any: <u>N/A</u>	

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	745	7296	169513
12. Number Of Hours Reactor Was Critical	683.5	7038.8	134894.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	683.5	6979.6	132314.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1137648	11568140	201939667
17. Gross Electrical Energy Generated (MWH)	385696	3890093	68322965
18. Net Electrical Energy Generated (MWH)	371073	3730962	65332282
19. Unit Service Factor	91.7%	95.7%	78.1%
20. Unit Availability Factor	91.7%	95.7%	78.1%
21. Unit Capacity Factor (Using MDC Net)	92.9%	95.4%	71.9%
22. Unit Capacity Factor (Using DER Net)	91.3%	93.8%	70.7%
22. Unit Forced Outage Rate	8.3%	2.6%	4.0%
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: 11-1-90
 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 11-1-90
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

MONTH _____ OCTOBER _____

10- 1-90
 to Power operation.
 10-29-90

10-29-90 Reactor scram. Probable cause was an impact to reference leg of pressure sensing instrumentation for Reactor Protection System during plant maintenance activities. Post-event investigation confirmed that scram signals could be initiated by this mechanism.

10-29-90 Generator off-line for scram recovery, safety relief valve
 to repair, and miscellaneous maintenance.
 10-31-90

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 11- 1-90
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH OCTOBER

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	<u> 544 </u>
2	<u> 542 </u>
3	<u> 545 </u>
4	<u> 545 </u>
5	<u> 545 </u>
6	<u> 539 </u>
7	<u> 543 </u>
8	<u> 546 </u>
9	<u> 543 </u>
10	<u> 545 </u>
11	<u> 548 </u>
12	<u> 545 </u>
13	<u> 545 </u>
14	<u> 543 </u>
15	<u> 544 </u>
16	<u> 544 </u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	<u> 543 </u>
18	<u> 545 </u>
19	<u> 544 </u>
20	<u> 545 </u>
21	<u> 538 </u>
22	<u> 545 </u>
23	<u> 547 </u>
24	<u> 544 </u>
25	<u> 544 </u>
26	<u> 546 </u>
27	<u> 544 </u>
28	<u> 549 </u>
29	<u> 234 </u>
30	<u> -6 </u>
31	<u> -6 </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 11-06-90
 COMPLETED BY H. H. Paustian
 TELEPHONE 612/295-5151

REPORT MONTH October

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	10-29-90	F	61.5	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