



January 14, 2002

**M2002004**

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 2001

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 Douglas A. Neve, Project Manager – Licensing (Interim), at (763) 295-1353 if you require further information.

Jeffrey S. Forbes  
Site Vice President  
Monticello Nuclear Generating Plant

c: Regional Administrator – III, NRC  
NRR Project Manager, NRC  
Sr. Resident Inspector, NRC  
Minnesota Dept. of Commerce

*IE 24*

# OPERATING DATA REPORT

DOCKET NO. 50-263  
DATE 1- 3- 2  
COMPLETED BY E. H. Limbeck  
TELEPHONE 763/295-1006

## OPERATING STATUS

1. Unit Name : _____ Monticello		Notes
2. Reporting period: _____ December		
3. Licensed Thermal Power (MWt): _____ 1775		
4. Nameplate Rating (Gross MWe): _____ 613		
5. Design Electrical Rating (Net MWe): _____ 600		
6. Maximum Dependable Capacity (Gross MWe): _____ 605.1		
7. Maximum Dependable Capacity (Net MWe): _____ 578.1		
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____ N/A		

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	744	8760	267409
12. Number Of Hours Reactor Was Critical	447.0	6873.6	220169.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	397.8	6776.6	216798.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	645221	11809337	342122352
17. Gross Electrical Energy Generated (MWH)	222200	4040848	116066484
18. Net Electrical Energy Generated (MWH)	212639	3876323	111149985
19. Unit Service Factor	53.5%	77.4%	81.1%
20. Unit Availability Factor	53.5%	77.4%	81.1%
21. Unit Capacity Factor (Using MDC Net)	49.4%	76.5%	76.8%
22. Unit Capacity Factor (Using DER Net)	47.6%	73.8%	75.3%
23. Unit Forced Outage Rate	0.0%	12.5%	4.6%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) Not Reported _____			

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

DATE 1- 3- 2  
COMPLETED BY E. H. Limbeck  
TELEPHONE 763/295-1006

MONTH \_\_\_\_\_ DEC \_\_\_\_\_

12-01-01 Shutdown for the 2001 refueling outage.  
to  
12-13-01  
12-13-01 Plant startup following the refueling outage.  
to  
12-18-01  
12-18-01 Power operation.  
to  
12-21-01  
12-21-01 Power reduction to 75% to perform a control rod pattern  
to adjustment and to precondition fuel.  
12-22-01  
12-22-01 Power operation.  
to  
12-31-01

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

## UNIT SHUTDOWNS

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 01-03-02

COMPLETED BY E. H. Limbeck

TELEPHONE 763-295-1006

REPORT MONTH December

No.	Date	Type (1)	Duration (hours)	Reason (2)	Method of Shutdown (3)	Cause & Corrective Action to Prevent Recurrence
10	11/03/01	S	346.3	C	1	Note: Shutdown #10 continued from November report.

1

F Forced  
S Scheduled

2

Reason:

A Equipment Failure (Explain)  
B Maintenance or Test  
C Refueling  
D Regulator Restriction  
E Operator Training & Licensing 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