

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8401270397    DOC. DATE: 83/12/31    NOTARIZED: YES    DOCKET #  
 FACIL: 50-263 Monticello Nuclear Generating Plant, Northern States    05000263  
 AUTH. NAME    AUTHOR AFFILIATION  
 MYRABO, A.L.    Northern States Power Co.  
 MUSOLF, D.    Northern States Power Co.  
 RECIPIENT AFFILIATION  
 \*    Office of Resource Management, Director

SUBJECT: Monthly operating rept for Dec 1983, W/840109 ltr.

DISTRIBUTION CODE: IE248    COPIES RECEIVED: LTR 1 ENCL 1    SIZE: 5  
 TITLE: Operating Rept (50 DKT)-Annual/Semiannual/Monthly

NOTES:

	RECIPIENT		COPIES		RECIPIENT		COPIES	
	ID	CODE/NAME	LTTR	ENCL	ID	CODE/NAME	LTTR	ENCL
	NRR	ORB2 BC 04	7	7				
INTERNAL:	NMSS/FCAF		1	1	NRR/DL/ORAB	10	1	1
	NRR/DSI T/A		1	1	NRR/DSI/CPB		1	1
	NRR/DSI/RAB		1	1	RGN3		1	1
	RM/DDAMI/MIB	13	2	2				
EXTERNAL:	ACRS	11	10	10	LPDR	03	1	1
	NRC PDR	02	1	1	NSIC	05	1	1
	NTIS		1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTTR 29 ENCL 29

OPERATING DATA REPORT

DOCKET NO. 50-263  
 DATE 1-3-84  
 COMPLETED BY A. L. Myrab  
 TELEPHONE 612/295-515

OPERATING STATUS

- |   | Notes |
|---|-------|
| 1. Unit Name : _____ Monticello   |       |
| 2. Reporting period: _____ DECEMBER   |       |
| 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): _____ 553   |       |
| 7. Maximum Dependable Capacity (Net MWe): _____ 525   |       |
| 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	_____ 10960
12. Number Of Hours Reactor Was Critical	_____ 744.0	_____ 8471.5	_____ 89104.0
13. Reactor Reserve Shutdown Hours	_____ 0.0	_____ 0.0	_____ 940.0
14. Hours Generator On-Line	_____ 744.0	_____ 8439.0	_____ 87194.0
15. Unit Reserve Shutdown Hours	_____ 0.0	_____ 0.0	_____ 0.0
16. Gross Thermal Energy Generated (MWH)	_____ 930422	_____ 12975676	_____ 14033591
17. Gross Electrical Energy Generated (MWH)	_____ 308321	_____ 4333043	_____ 4488893
18. Net Electrical Energy Generated (MWH)	_____ 293191	_____ 4147725	_____ 4291176
19. Unit Service Factor	_____ 100.0%	_____ 96.3%	_____ 79.6%
20. Unit Availability Factor	_____ 100.0%	_____ 96.3%	_____ 79.6%
21. Unit Capacity Factor (Using MDC Net)	_____ 75.1%	_____ 90.2%	_____ 74.6%
22. Unit Capacity Factor (Using DER Net)	_____ 73.8%	_____ 88.6%	_____ 73.3%
23. Unit Forced Outage Rate	_____ 0.0%	_____ 0.2%	_____ 5.3%
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)	_____ February 3, 1984 - Refueling Outage - 216 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 \_\_\_\_\_

8401270397-831231  
 PDR ADOCK 05000263  
 R PDR

JE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263\_\_\_\_\_  
 UNIT Monticello\_\_\_\_\_  
 DATE 1-3-84\_\_\_\_\_  
 COMPLETED BY A. L. Myrab\_\_\_\_\_  
 TELEPHONE 612/295-515

MONTH \_\_\_\_\_ DECEMBER \_\_\_\_\_

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	420	17	327
2	422	18	359
3	415	19	400
4	416	20	391
5	412	21	389
6	417	22	387
7	405	23	387
8	409	24	387
9	405	25	393
10	406	26	377
11	404	27	383
12	400	28	381
13	401	29	380
14	399	30	377
15	398	31	378
16	394		

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.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263 \_\_\_\_\_  
DATE 1- 3-84 \_\_\_\_\_  
COMPLETED BY A. L. Myrabo  
TELEPHONE 612/295-5151

MONTH \_\_\_\_\_ DECEMBER \_\_\_\_\_

12- 1-83  
to Power operation.  
12-16-83

12-17-83 Power reduced to approximately 60% to repair a reactor  
to feedwater pump.  
12-18-83

12-19-83  
to Power operation.  
12-31-83

Unit in end-of-cycle coastdown status (commenced 9-9-83).

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263

UNIT NAME Monticello

DATE 1-2-84

COMPLETED BY A. L. Myrabo

TELEPHONE 612/295-5151

REPORT MONTH December

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
12	12-17-83	F	0.0	A	4	N/A	CH	PUMPXX-B	Reduced power to approximately 60 % to repair a reactor feedwater pump seal.

<sup>1</sup> F- Forced  
S- Scheduled

<sup>2</sup> Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup> Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup> Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup> Exhibit I - Same Source

(9/77)



Northern States Power Company

414 Nicollet Mall  
Minneapolis, Minnesota 55401  
Telephone (612) 330-5500


January 9, 1984

Director, Office of Resource Management  
U S Nuclear Regulatory Commission  
Washington, DC 20555

MONTICELLO NUCLEAR GENERATING PLANT  
Docket No. 50-263 License No. DPR-22

Monthly Operating Report  
December, 1983

Attached are twelve copies of the Monthly Operating Report for  
December, 1983 for the Monticello Nuclear Generating Plant.

  
David Musolf  
Manager of Nuclear Support Services

DMM/dab

cc: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
NRC Resident Inspector  
MPCA  
Attn: J W Ferman

Attachment

DESIGNATED ORIGINAL  
Certified By MR Beebe 01/26/84

DEBY  
1/