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SUBJECT: ~~Monthly~~ operating rept for Nov 1989 for Monticello.W/ 891208 ltr.

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NSP

Northern States Power Company

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Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

December 8, 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
November, 1989

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

Thomas M Parker
Manager
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

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-263
DATE 12- 1-89
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

OPERATING STATUS

		Notes
1. Unit Name :	Monticello	
2. Reporting period:	NOVEMBER	
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):	564	
7. Maximum Dependable Capacity (Net MWe):	536	

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	720	8015	161472
12. Number Of Hours Reactor Was Critical	543.9	5935.1	127111.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	940.7
14. Hours Generator On-Line	479.6	5834.7	124591.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	748301	7237433	189130249
17. Gross Electrical Energy Generated (MWH)	250900	2367470	64013182
18. Net Electrical Energy Generated (MWH)	239442	2243908	61198264
19. Unit Service Factor	66.6%	72.8%	77.2%
20. Unit Availability Factor	66.6%	72.8%	77.2%
21. Unit Capacity Factor (Using MDC Net)	62.0%	52.2%	70.7%
22. Unit Capacity Factor (Using DER Net)	61.0%	51.3%	69.5%
22. Unit Forced Outage Rate	5.8%	2.1%	4.1%

24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)
NONE

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- 1-89
COMPLETED BY H. H. Paustian
TELEPHONE 612/295-5151

MONTH NOVEMBER

11- 1-89 to 11- 6-89	Plant shutdown for 1989 (EOC13) Refueling Outage.
11- 6-89	Reactor physics testing in progress.
11- 9-89	Generator on-line for warmup.
11-10-89	Generator off-line for turbine overspeed test.
11-10-89 to 11-15-89	Generator on-line. Power operation.
11-15-89	Reactor scram. Manual scram was inserted on A channel for instrumentation calibration when trip on B channel was received due to spurious pressure signal.
11-16-89 to 11-30-89	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- 1-89
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	-5	17	509
2	-5	18	542
3	-5	19	538
4	-5	20	542
5	-5	21	545
6	-6	22	541
7	-12	23	544
8	-9	24	542
9	4	25	545
10	119	26	543
11	422	27	544
12	538	28	542
13	543	29	538
14	535	30	548
15	223		
16	60		

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 12-01-89
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
4	11- 1-89	S	211.0	C	1	N/A			Plant shutdown for 1989 (EOC13) refueling outage
5	11-15-89	F	29.3	H	3	89-038	JC	PS	Spurious pressure signal tripped B channel with manual scram inserted in A channel for instrumentation calibaration

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