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FROM: Northern States Power Company Minneapolis, Minn. 55401 Mr. G.H. Neils			DATE OF DOC 3-13-74	DATE REC'D 3-25-74	LTR X	MEMO	RPT	OTHER
TO: Mr. S. Chapman			ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-263		

DESCRIPTION: Ltr trans the following..... PLANT NAME: Monticello	ENCLOSURES: February 1974 monthly report "Plant and Component operability and availability" This Report to be used for preparing Grey Book by P/O. (1 cy rec'd)
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FOR ACTION/INFORMATION 3-25-74 JB

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ACKNOWLEDGED
DO NOT REMOVE

INTERNAL DISTRIBUTION

<u>REG FILE</u> AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L)(BWR) DEYOUNG(L)(PWR) SKOVHOLT (L) P. COLLINS DENISE <u>REG OPR</u> FILE & REGION(3) MORRIS STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L) S. REED (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD DUBE w/Input <u>INFO</u> C. MILES B. KING S. Chapman Ziemann
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EXTERNAL DISTRIBUTION

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Monthly of Rep file

NSP**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

March 13, 1974

Office of Plans & Schedules
Directorate of Licensing
U S Atomic Energy Commission
Washington, DC 20545

Attention: Mr S Chapman

Gentlemen:

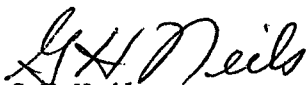
MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Monthly Operating Data
February 1974

In accordance with the request of February 19, 1974 from Mr L Manning Muntzing, the attached operating data for the month of February 1974 from the Monticello Nuclear Generating Plant is provided.

One item on the Operating Status report submitted for January 1974 was not complete. This was the "Cumulative to Date" information for Item 13, Forced Outage Rate. It has since been determined that the Forced Outage Rate for commercial operation through January 1974 was 16.9%.

Very truly yours,

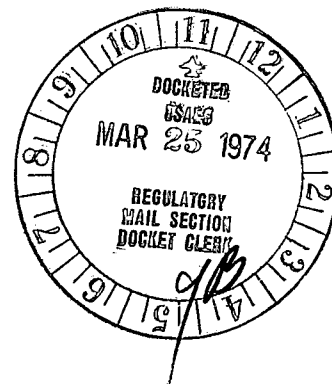


G H Neils
General Superintendent of
Nuclear Power Plant Operation

GHN/ts

cc: J C Keppler

Attachments



2025

Monticello Nuclear
UNIT Generating Plant

DATE MARCH 6, 1974

COMPLETED BY

*W. Jacobson*DAILY PLANT POWER OUTPUTMONTH February 1974

<u>DAY</u>	<u>AVERAGE HOURLY MWe^{-net}</u>	<u>DAY</u>	<u>AVERAGE HOURLY MWe^{-net}</u>
1	<u>450</u>	25	<u>425</u>
2	<u>450</u>	26	<u>423</u>
3	<u>451</u>	27	<u>421</u>
4	<u>453</u>	28	<u>424</u>
5	<u>456</u>	29	<u> </u>
6	<u>453</u>	30	<u> </u>
7	<u>453</u>	31	<u> </u>
8	<u>455</u>		
9	<u>455</u>		
10	<u>454</u>		
11	<u>452</u>		
12	<u>453</u>		
13	<u>453</u>		
14	<u>456</u>		
15	<u>437</u>		
16	<u>87</u>		
17	<u>-9</u>		
18	<u>-8</u>		
19	<u>346</u>		
20	<u>400</u>		
21	<u>428</u>		
22	<u>426</u>		
23	<u>427</u>		
24	<u>425</u>		

UNIT NAME MONTICELLO NUCLEAR GENERATING PLANTDATE FEBRUARY 6 1974COMPLETED BY *SA Carson*

OPERATING STATUS

1. REPORTING PERIOD: 0000,740201 TO 2400,740228
GROSS HOURS IN REPORTING PERIOD: 672
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 1670 MWe-NET 559 (Pool Winter Rating, MARCA test)
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 91%
4. REASONS FOR RESTRICTIONS (IF ANY):

End of cycle scram reactivity.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>672</u>	<u>1,415</u>	<u>17,852</u>
6. HOURS GENERATOR ON-LINE	<u>609.3</u>	<u>1,352.3</u>	<u>17,199.3</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>806,189</u>	<u>1,891,020</u>	<u>26,402,261</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>275,270</u>	<u>650,140</u>	<u>9,040,370</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>263,986</u>	<u>624,696</u>	<u>8,642,494</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>100%</u>	<u>100%</u>	<u>76.4%</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>90.7%</u>	<u>95.6%</u>	<u>73.6%</u>
12. PLANT CAPACITY FACTOR (3)	<u>70.3%</u>	<u>79.0%</u>	<u>66.1%</u>
13. FORCED OUTAGE RATE (4)	<u>9.3%</u>	<u>4.4%</u>	<u>16.6%</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):

Refueling outage, scheduled to start March 15, 1974, duration of 11 weeks.

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: ---

16. PLANTS IN TEST STATUS (DELETED)

- (1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}}$ *100
- (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}}$ *100
- (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{NET DEMONSTRATED*GROSS HOURS IN REPORTING PERIOD}}$ *100
- (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}}$ *100

The Plant was base loaded all month except for the shutdown period when MSIV controls were repaired.

UNIT NAME

MONTICELLO NUCLEAR
GENERATING PLANT

DATE _____

March 7, 1974

COMPLETED BY

March 7, 1974
Gordon H. Kacurum

REPORT MONTH FEBRUARY

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	740216	F	62.7	A, B, D	A	<p>Two main steam isolation valves failed to close during a routine surveillance test. Plant was shutdown in accordance with the Technical Specifications to inspect and repair the MSIV solenoid controls.</p> <p>(1) REASON: A-EQUIPMENT FAILURE (EXPLAIN) B-MAIN. OR TEST C-REFUELING D-REGULATORY RESTRICTION E-OPERATOR TRAINING & LICENSE EXAMINATION F-ADMINISTRATIVE G-OPERATIONAL ERROR (Explain)</p> <p>(2) METHOD: A-MANUAL B-MANUAL SCRAM C-AUTOMATI SCRAM</p>