

PDR

Regulatory Docket File

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

February 28, 1974



Office of Plans & Schedules
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D.C. 20545

Attention: Mr. S Chapman

Gentlemen:

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

Monthly Operating Data
January, 1974

In accordance with the request of February 19, 1974 from Mr. L Manning Muntzing, the attached operating data is provided. This information includes a "one-time reporting request" forecast of refueling and major shutdowns for the next five years.

Very truly yours,

G H Neils
General Superintendent of
Nuclear Power Plant Operations

GHN/ts

cc: J G Keppler

Attachment



9211300563 740131
PDR ADOCK 05000263
R PDR

5280

UNIT MONTICELLO NUCLEAR GENERATING PLANT
 DATE February 28, 1974
 COMPLETED BY R L Scheinost

MAJOR SHUTDOWN FORECAST

(5-year forecast; report one-time only)

<u>PURPOSE(s)</u>	<u>BEGIN DATE</u>	<u>END DATE</u>
<u>Refueling; major maintenance; perform</u>	<u>3/15/74</u>	<u>6/1/74</u>
<u>inspections and conduct tests required</u>	<u>(740315)</u>	<u>(740601)</u>
<u>each operating cycle</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Same</u>	<u>3/15/75</u>	<u>5/11/75</u>
<u>_____</u>	<u>(750315)</u>	<u>(750511)</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Same</u>	<u>2/21/76</u>	<u>4/3/76</u>
<u>_____</u>	<u>(760221)</u>	<u>(760403)</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Same</u>	<u>3/12/77</u>	<u>4/23/77</u>
<u>_____</u>	<u>(770312)</u>	<u>(770423)</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Same</u>	<u>3/4/77</u>	<u>4/15/78</u>
<u>_____</u>	<u>(780304)</u>	<u>(780415)</u>

UNIT NAME Monticello Nuclear Generating Plant

DATE February 27, 1974

COMPLETED BY JH Jacobson

OPERATING STATUS

1. REPORTING PERIOD: 0000, 740101 TO 2400, 740131
GROSS HOURS IN REPORTING PERIOD: 743 (Change to DST)
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>743</u>	<u>743</u>	<u>17,180</u>
6. HOURS GENERATOR ON-LINE	<u>743</u>	<u>743</u>	<u>16,590</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1,084,831</u>	<u>1,084,831</u>	<u>25,596,072</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>374,870</u>	<u>374,870</u>	<u>8,765,100</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>360,710</u>	<u>360,710</u>	<u>8,378,508</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>100%</u>	<u>100%</u>	<u>75.7%</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>100%</u>	<u>100%</u>	<u>75.1%</u>
12. PLANT CAPACITY FACTOR (3)	<u>86.8%</u>	<u>86.8%</u>	<u>66.0%</u>
13. FORCED OUTAGE RATE (4)	<u>0</u>	<u>0</u>	<u>Later</u>
14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):	<u>Refueling outage, scheduled to start March 15, 1974, duration of 11 weeks.</u>		
15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>--</u>		
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 = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}}$ *100

ENCLOSURE A
 Monticello Nuclear
 UNIT Generating Plant

DATE Feb 27, 1974

COMPLETED BY S. H. Jacobson

DAILY PLANT POWER OUTPUT

MONTH January, 1974

<u>DAY</u>	<u>AVERAGE HOURLY MWe^{-net}</u>	<u>DAY</u>	<u>AVERAGE HOURLY MWe^{-net}</u>
1	<u>505</u>	25	<u>473</u>
2	<u>503</u>	26	<u>480</u>
3	<u>502</u>	27	<u>476</u>
4	<u>499</u>	28	<u>468</u>
5	<u>471</u>	29	<u>457</u>
6	<u>480</u>	30	<u>453</u>
7	<u>503</u>	31	<u>452</u>
8	<u>502</u>		
9	<u>505</u>		
10	<u>503</u>		
11	<u>505</u>		
12	<u>501</u>		
13	<u>501</u>		
14	<u>479</u>		
15	<u>485</u>		
16	<u>485</u>		
17	<u>483</u>		
18	<u>484</u>		
19	<u>485</u>		
20	<u>482</u>		
21	<u>483</u>		
22	<u>478</u>		
23	<u>474</u>		
24	<u>472</u>		

2027

SUMMARY

Base loaded power operation
for the entire month.

REPORT MONTH January, 1974

UNIT NAME

MONTICELLO NUC.
GENERATING PLANT

DATE

February 27, 1974

COMPLETED BY

J.H. Jacobson

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
		NONE				

(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)

(2) METHOD:
 A-MAN
 B-MAN
 C-AUTO
 SC