

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

PDR

May 9, 1978

Director, Office of Management
Information & Program Control
c/o Distribution Services Branch, DDC, ADM
U S Nuclear Regulatory Commission
Washington, DC 20555

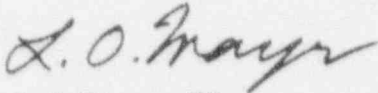
Dear Sir:

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

Monthly Operating Report
April 1978

Attached are two copies of the Monthly Operating Report for April, 1978 for the Monticello Nuclear Generating Plant.

Yours very truly,



L O Mayer, PE
Manager of Nuclear Support Services

LOM/ak

cc: Director, IE-III, USNRC (1)
Director, IE, USNRC (c/o DSB) (10)
MPCA
Attn: J W Ferman

RECEIVED DISTRIBUTION
SERVICES UNIT
MAY 11 AM 10 31
DISTRIBUTION
SERVICES
UNIT

781310039

9212040479 780430
PDR ADOCK 05000263
R PDR

A003
5/11

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263
UNIT Monticello
DATE 5/2/78
COMPLETED BY A. L. Myrabo
TELEPHONE 612/295-5151

MONTH April

4/1/78
to
4/24/78

Operated at essentially 100% of rated power.

4/25/78
to
4/27/78

Orderly shutdown to upgrade low voltage safety-related interior drywell penetration splices, and perform rod sequence exchange.

4/28/78
to
4/30/78

Increasing to 100% power.

OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 05/02/78
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

OPERATING STATUS

1. Unit Name : Monticello
 2. Reporting Period: April
 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: _____

Notes

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	<u>719</u>	<u>2879</u>	<u>59904</u>
12. Number Of Hours Reactor Was Critical	<u>673.4</u>	<u>2805.6</u>	<u>47974.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>940.7</u>
14. Hours Generator On-Line	<u>657.5</u>	<u>2775.8</u>	<u>46553.2</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1048937</u>	<u>4484379</u>	<u>78138953</u>
17. Gross Electrical Energy Generated (MWH)	<u>357520</u>	<u>1533930</u>	<u>23906620</u>
18. Net Electrical Energy Generated (MWH)	<u>344154</u>	<u>1477948</u>	<u>22854322</u>
19. Unit Service Factor	<u>91.6%</u>	<u>96.5%</u>	<u>77.7%</u>
20. Unit Availability Factor	<u>91.6%</u>	<u>96.5%</u>	<u>77.7%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.3%</u>	<u>95.8%</u>	<u>71.2%</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.8%</u>	<u>94.1%</u>	<u>70.0%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>0.4%</u>	<u>7.6%</u>
24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each)			
Refueling Outage, October 16, 1978, 40 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-263_____
 UNIT Monticello_____
 DATE 05-02-78_____
 COMPLETED BY A. L. Myrabo_____
 TELEPHONE 612/295-5151

MONTH ____APRIL____

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	_____518_____
2	_____547_____
3	_____549_____
4	_____550_____
5	_____547_____
6	_____551_____
7	_____555_____
8	_____546_____
9	_____526_____
10	_____550_____
11	_____549_____
12	_____551_____
13	_____549_____
14	_____548_____
15	_____528_____
16	_____551_____

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17	_____551_____
18	_____551_____
19	_____550_____
20	_____548_____
21	_____550_____
22	_____496_____
23	_____547_____
24	_____550_____
25	_____399_____
26	_____ -4 _____
27	_____ -5 _____
28	_____116_____
29	_____354_____
30	_____422_____
31	_____

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

REPORT MONTH APRIL

DOCKET NO. 50-263
 UNIT NAME Monticello
 DATE 5/2/78
 COMPLETED BY A.L. Myrabo
 TELEPHONE 612/295-5151

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	780425	S	60.5	H	1	N/A	SA	Penetr	Upgraded low voltage safety-related interior drywell penetration splices.

¹
 F: Forced
 S: Scheduled

²
 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)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵
 Exhibit I - Same Source