

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-263-----
DATE 8- 6-85-----
COMPLETED BY A. L. Myrabo
TELEPHONE 612/295-5151

MONTH -----JULY -----

7- 1-85
to Power Operation.
7-28-85
7-29-85 Reactor scram following brush maintenance on recirculation
MG set.
7-30-85 Repaired reactor building closed cooling water leak (in
drywell). Unit was in shutdown status prior to this outage.
7-31-85 Power operation.

SPENT FUEL STORAGE UPDATE

| | |
|---|------|
| Fuel assemblies in core | 484 |
| Fuel assemblies in spent fuel storage pool | 628 |
| Licensed capacity | 2237 |
| Date of last refueling that can be discharge with present capacity | 1999 |

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 8- 6-85_____
COMPLETED BY A. L. Myrabo_____
TELEPHONE 612/295-5151

MONTH _____JULY_____

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1 _____543_____
2 _____544_____
3 _____540_____
4 _____541_____
5 _____542_____
6 _____541_____
7 _____535_____
8 _____541_____
9 _____537_____
10 _____540_____
11 _____538_____
12 _____538_____
13 _____540_____
14 _____535_____
15 _____541_____
16 _____538_____

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17 _____540_____
18 _____540_____
19 _____541_____
20 _____539_____
21 _____534_____
22 _____539_____
23 _____540_____
24 _____561_____
25 _____526_____
26 _____534_____
27 _____541_____
28 _____288_____
29 _____508_____
30 _____-4_____
31 _____364_____

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.

OPERATING DATA REPORT

DOCKET NO. 50-263
 DATE 8-6-85
 COMPLETED BY A. L. Myrabo
 TELEPHONE 612/295-5151

OPERATING STATUS

- | | Notes |
|---|-------|
| 1. Unit Name : Monticello | |
| 2. Reporting period: JULY | |
| 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 | 744 | 5087 | 123480 |
| 12. Number Of Hours Reactor Was Critical | 731.2 | 4509.1 | 94595.3 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 940.7 |
| 14. Hours Generator On-Line | 709.5 | 4387.3 | 92374.0 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1165838 | 7085411 | 140279957 |
| 17. Gross Electrical Energy Generated (MWH) | 396399 | 2422956 | 47608009 |
| 18. Net Electrical Energy Generated (MWH) | 377397 | 2325172 | 45510225 |
| 19. Unit Service Factor | 95.4% | 86.2% | 74.8% |
| 20. Unit Availability Factor | 95.4% | 86.2% | 74.8% |
| 21. Unit Capacity Factor (Using MDC Net) | 94.6% | 85.3% | 68.8% |
| 22. Unit Capacity Factor (Using DER Net) | 93.0% | 83.8% | 67.6% |
| 23. Unit Forced Outage Rate | 1.7% | 1.0% | 5.1% |
| 24. Shutdowns Scheduled Over Next 12 Months (Type, Date, and Duration of Each) | | | |
| May 10, 1986 - 1986 refueling outage - 41 days | | | |

25. If Shut Down At End Of Report Period, Estimated Date Of Startup: _____
26. Units In Test Status(Prior to Commercial Operation): N/A Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-263UNIT NAME MonticelloDATE 8-5-85COMPLETED BY A. L. MyraboTELEPHONE 612/295-5151REPORT MONTH JULY

| 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 |
|-----|---------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 10 | 7-29-85 | F | 12.0 | A | 3 | N/A | AD | MG | Reactor scram following brush maintenance on recirculation MG set. |
| 11 | 7-30-85 | S | 22.5 | B | 4 | N/A | CC | V | Repaired leak on reactor building closed cooling water valve in drywell. Note: The unit was in a shutdown condition prior to this outage. |

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



Northern States Power Company

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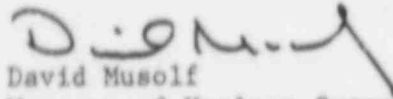
August 13, 1985

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
July, 1985

Attached are twelve copies of the Monthly Operating Report for
July, 1985 for the Monticello Nuclear Generating Plant.



David Musolf
Manager of Nuclear Support Services

DMM/MMV/le

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

Attachment

DESIGNATED ORIGINAL
Certified By ML Beele 09/30/85

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11