

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-202  
 UNIT Nine Mile Pt. #1  
 DATE 1/5/79  
 COMPLETED BY T.J. Perkins *TP*  
 TELEPHONE 315 343-2110  
 Ext. 1312

MONTH DECEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>553</u>	17	<u>532</u>
2	<u>554</u>	18	<u>532</u>
3	<u>555</u>	19	<u>530</u>
4	<u>552</u>	20	<u>526</u>
5	<u>552</u>	21	<u>526</u>
6	<u>552</u>	22	<u>516</u>
7	<u>550</u>	23	<u>523</u>
8	<u>547</u>	24	<u>517</u>
9	<u>545</u>	25	<u>520</u>
10	<u>543</u>	26	<u>518</u>
11	<u>545</u>	27	<u>516</u>
12	<u>543</u>	28	<u>515</u>
13	<u>542</u>	29	<u>509</u>
14	<u>538</u>	30	<u>508</u>
15	<u>536</u>	31	<u>508</u>
16	<u>532</u>		

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.

(9/77)

7901 160 307



OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 12/8/78  
 COMPLETED BY T.J. Perkins  
 TELEPHONE 315 343-2110  
 Ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 12/1/78 - 12/31/78
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
7. Maximum Dependable Capacity (Net MWe): 610

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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9. Power Level To Which Restricted, If Any (Net MWe): End of Cycle Coastdown

10. Reasons For Restrictions, If Any:

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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8760</u>	<u>80,352</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>8403.8</u>	<u>59,473.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1204</u>
14. Hours Generator On-Line	<u>744</u>	<u>8332.6</u>	<u>57,022.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,221,140</u>	<u>13,918,752</u>	<u>92,354,761</u>
17. Gross Electrical Energy Generated (MWH)	<u>411,629</u>	<u>4,622,474</u>	<u>30,404,186</u>
18. Net Electrical Energy Generated (MWH)	<u>396,976</u>	<u>4,467,453</u>	<u>29,444,376</u>
19. Unit Service Factor	<u>100</u>	<u>95.1</u>	<u>74.9</u>
20. Unit Availability Factor	<u>100</u>	<u>95.1</u>	<u>74.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>87.5</u>	<u>83.6</u>	<u>60.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>86.1</u>	<u>82.3</u>	<u>59.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.4</u>	<u>10.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
March 4, 1979 Annual Shutdown, Overhaul and Refuel

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>      </u>	<u>      </u>
INITIAL ELECTRICITY	<u>      </u>	<u>      </u>
COMMERCIAL OPERATION	<u>      </u>	<u>      </u>



**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH DECEMBER

DOCKET NO. 50-220  
 UNIT NAME Nine Mile Pt. #1  
 DATE 1/5/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE 315 343-2110  
 Ext. 1312

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
	121	5	4.0	1+	1				Reduced load to change condensate demin. #13

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

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

<sup>5</sup>  
 Exhibit I - Same Source



NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

December 1978

The station operated continuously during the month of December with an average capacity factor of 87.5%. The cumulative totals for 1978 are 95.1% availability and 83.6% capacity. The monthly operating history is as follows:

- December 1-4                      Maintained load at approximately 570 MWe with reactor recirculation flow at an all rods out configuration until reaching 100% recirculation flow on December 4.
- December 5-31                      End of cycle coastdown in progress; coastdown rate approximately 5 MW(t) per day. On December 22, reduced load from 538 MWe to 500 MWe for a condensate demineralizer change, returning to 530 MWe upon completion. On December 31, the last reporting day of the month and year, generator output was 521 MWe.

