

OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 8/10/79  
 COMPLETED BY T. J. Perkins  
 TELEPHONE (315) 343-2110  
 ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 07-01-79 - 07-31-79
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
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9. Power Level To Which Restricted, If Any (Net MWe): 552 MWe
10. Reasons For Restrictions, If Any: #15 Reactor Recirc Pump out of service

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5088</u>	<u>85440</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>2397.4</u>	<u>61,870.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1204.1</u>
14. Hours Generator On-Line	<u>744</u>	<u>2349.5</u>	<u>59372.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,230,350</u>	<u>3,716,510</u>	<u>96,071,271</u>
17. Gross Electrical Energy Generated (MWH)	<u>401,436</u>	<u>1,132,730</u>	<u>31,536,916</u>
18. Net Electrical Energy Generated (MWH)	<u>389,635</u>	<u>1,093,021</u>	<u>30,537,397</u>
19. Unit Service Factor	<u>100</u>	<u>46.2</u>	<u>69.5</u>
20. Unit Availability Factor	<u>100</u>	<u>46.2</u>	<u>69.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>85.9</u>	<u>35.2</u>	<u>58.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>84.5</u>	<u>34.6</u>	<u>57.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.2</u>	<u>9.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220  
 UNIT NAME 9 Mile Pt. #1  
 DATE 8/10/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE (315) 343-2110  
 ext. 1312

REPORT MONTH July

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
	7-29-79	5	3.8	H	1				Reduced load to adjust control rods pattern.

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

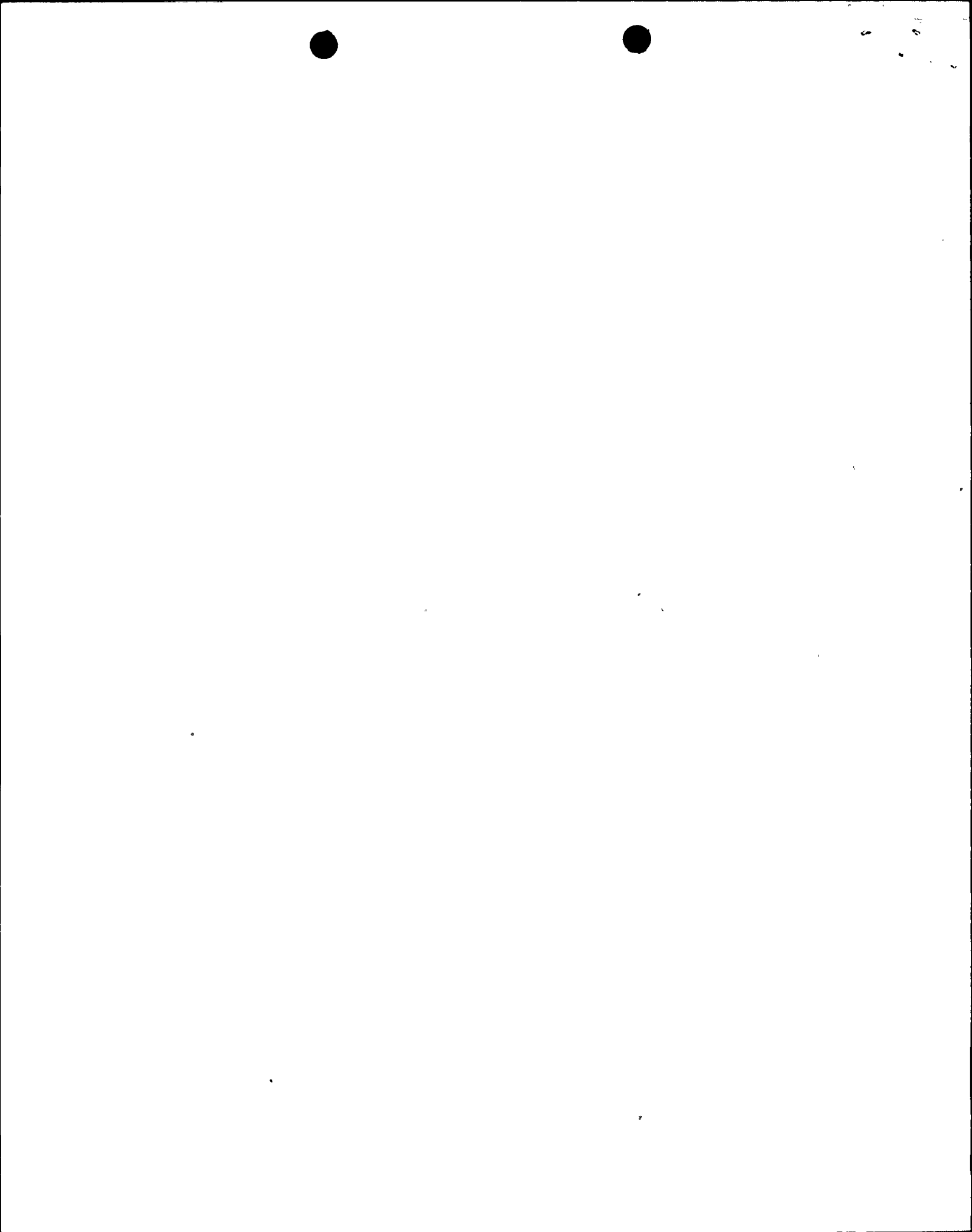
<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<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

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220  
 UNIT 9 Mile Pt. #1  
 DATE 8/10/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE (315) 343-2110  
 ext. 1312

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>493</u>	17	<u>535</u>
2	<u>508</u>	18	<u>538</u>
3	<u>526</u>	19	<u>532</u>
4	<u>526</u>	20	<u>529</u>
5	<u>531</u>	21	<u>524</u>
6	<u>531</u>	22	<u>524</u>
7	<u>531</u>	23	<u>521</u>
8	<u>532</u>	24	<u>518</u>
9	<u>532</u>	25	<u>515</u>
10	<u>532</u>	26	<u>515</u>
11	<u>531</u>	27	<u>518</u>
12	<u>529</u>	28	<u>517</u>
13	<u>527</u>	29	<u>502</u>
14	<u>530</u>	30	<u>516</u>
15	<u>530</u>	31	<u>515</u>
16	<u>524</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.

11-1-11

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

JULY 1979

Station operated at 100% availability and 85.9% capacity factor during the month of July. During the entire month, #15 Reactor Recirculation Pump was isolated and out of service due to pump bearing and shaft problems.

<u>DATE</u>	<u>ACTIVITY</u>
July 1	0100 - holding load at 500 MWe due to turbine bearing vibrations
July 2	0855 - started load increase at preconditioning rate of 5 MWe/hr. 1055 - load increased 510-520 MWe 1150 - load increased 520-530 MWe 1315 - load increased 530-533 MWe 1415 - load increased 534-537 MWe
July 18	0903 - reduced load approximately 20 MWe - 552-532 MWe for condensate demineralizer change 1030 - load returned to 546 MWe
July 23	1400 - reduced recirculation flow to maintain core thermal power limit of 1674 MWt - 528 MWe
July 29	0005 - reduced load to adjust control rod pattern 528-400 MWe 0210 - rod withdrawals and adjustment completed - increased load 400 - 505 MWe with recirculation flow 0330 - started pre-conditioning increases at 5 MWe/hr to 530 MWe

The Summary for Major Maintenance will follow.



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