

OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 4/9/79  
 COMPLETED BY T.J. PERKINS  
 TELEPHONE 315-343-2110  
 Ext. 1312

OPERATING STATUS

1. Unit Name: NINE MILE POINT UNIT #1
2. Reporting Period: 03-09-79/03-31-79
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

Notes

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): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>2,136</u>	<u>82,488</u>
12. Number Of Hours Reactor Was Critical	<u>48.9</u>	<u>1,429.1</u>	<u>60,891.8</u>
13. Reactor Reserve Shutdown Hours			<u>1,204.2</u>
14. Hours Generator On-Line	<u>47.9</u>	<u>1,399.6</u>	<u>58,422.4</u>
15. Unit Reserve Shutdown Hours			<u>20.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>59,974</u>	<u>2,237,838</u>	<u>94,592,599</u>
17. Gross Electrical Energy Generated (MWH)	<u>19,749</u>	<u>654,018</u>	<u>31,058,204</u>
18. Net Electrical Energy Generated (MWH)	<u>18,950</u>	<u>629,059</u>	<u>30,073,426</u>
19. Unit Service Factor	<u>6.7</u>	<u>65.5</u>	<u>70.8</u>
20. Unit Availability Factor	<u>6.7</u>	<u>65.5</u>	<u>70.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>4.3</u>	<u>48.3</u>	<u>59.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>4.2</u>	<u>47.5</u>	<u>58.8</u>
23. Unit Forced Outage Rate		<u>3.7</u>	<u>9.9</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	_____	_____



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220  
 UNIT 9 Mile Pt. Unit #1  
 DATE 4/9/79  
 COMPLETED BY T.J. PERKINS  
 TELEPHONE 315-343-2110  
 Ext. 1312

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	408	17	--
2	382	18	--
3	0	19	--
4	0	20	--
5	0	21	--
6	0	22	--
7	0	23	--
8	0	24	--
9	--	25	--
10	--	26	--
11	--	27	--
12	--	28	--
13	--	29	--
14	--	30	--
15	--	31	--
16	--		

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 MARCH

DOCKET NO. 50-220  
 UNIT NAME Nine Mile Point #1  
 DATE 4/9/79  
 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
	3/3/79	S		C	1				UNIT SHUTDOWN FOR REFUEL AND OVERHAUL

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

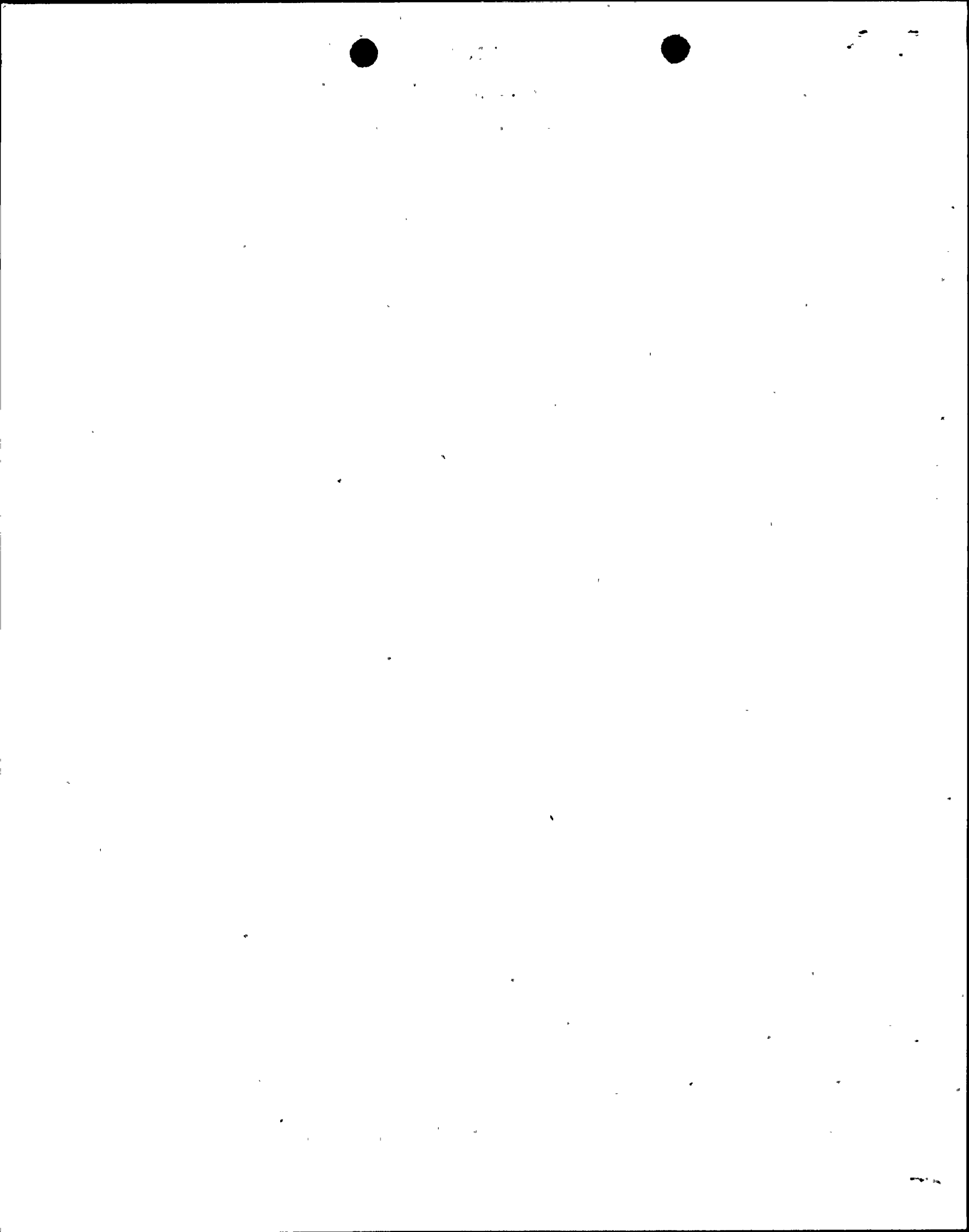
<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<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)



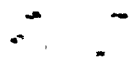
NIAGARA MOHAWK POWER CORPORATION  
 NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

March 1979

Scheduled events for the Station shutdown started twenty-four hours prior to taking the unit out-of-service. The following are reported by date and hour from start of schedule.

<u>DATE</u>	<u>HOUR</u>	<u>ACTIVITY</u>
3 March	25	Unit removed from service 2354 March 2, 1979
3 March	34	Reactor temperature below 212 °F. Commence work in containment
4 March	40	Replaced rubber boot on #12 Emergency Condenser vent to atmosphere
5 March	56	Start Inservice Inspection of primary system components. Details will be in Inservice Inspection Report.
5 March	82	Turbine off turning gear
6 March	112	Reactor vessel to containment vessel diaphragm plugs installed and leak tested ready for re-fueling pool fill.
8 March	165	Start unload core
14 March	117	Stone and scribe #162 MG Set and replace bearings
14 March - 17 March		Performed miscellaneous maintenance on turbine steam extraction system components.
16 March	253	Disassemble HP turbine hood (190 hours)
17 March	378	Finished unloading core
18 March	394	Torus ready for installation of modifications.
18 March 22 March	384 499	Start - Removed and replaced all 30 LPRM strings: 12 Westinghouse - 18 General Electric installed.
22 March 26 March	497 590	Start - Changed 20 control rod blades Finished
24 March	207	Changed bearings on #171 MG Set.
27 March	459	Repacked flow control valve on #11 shutdown cooling pump.
30 March	684	Overhauled 15 Control Rod Drives (285 hours)





COMPLETED MODIFICATIONS

- 16 March Mod #78.24 - Removed programmer from FW control system which included steam flow as part of level control. This modification does not involve an unreviewed safety question and is not part of a safety system.
- 27 March Mod #76.12 - Installed a removable spool piece valve fixed piping and high pressure steam hose to permit safe blow down of the mechanical steam turbine pressure regulator at outage time. This modification is not part of a nuclear safety system and does not involve an unreviewed safety question.
- 27 March Mod #78.35 - New condensate demineralizer laterals were installed. These direct replacement units will minimize pressure drop across the condensate demineralizers. This modification does not involve an unreviewed safety question.

Other modifications, major maintenance, and outage progress marker events will be reported in the month when completed.

