

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE December 10, 1979
 COMPLETED BY T. I. Perkins
 TELEPHONE 315-343-2110
 Ex. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 11/01/79 - 11/30/79
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

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>8,017</u>	<u>88,369</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>5136.0</u>	<u>64,608.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,204.1</u>
14. Hours Generator On-Line	<u>720</u>	<u>5,042.8</u>	<u>62065.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,306,622</u>	<u>8,317,231</u>	<u>100,671,992</u>
17. Gross Electrical Energy Generated (MWH)	<u>441,767</u>	<u>2,644,453</u>	<u>33,048,639</u>
18. Net Electrical Energy Generated (MWH)	<u>428,089</u>	<u>2,558,936</u>	<u>32,003,312</u>
19. Unit Service Factor	<u>100</u>	<u>62.9</u>	<u>70.2</u>
20. Unit Availability Factor	<u>100</u>	<u>62.9</u>	<u>70.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.5</u>	<u>52.3</u>	<u>59.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.2</u>	<u>51.5</u>	<u>58.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.2</u>	<u>9.4</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):

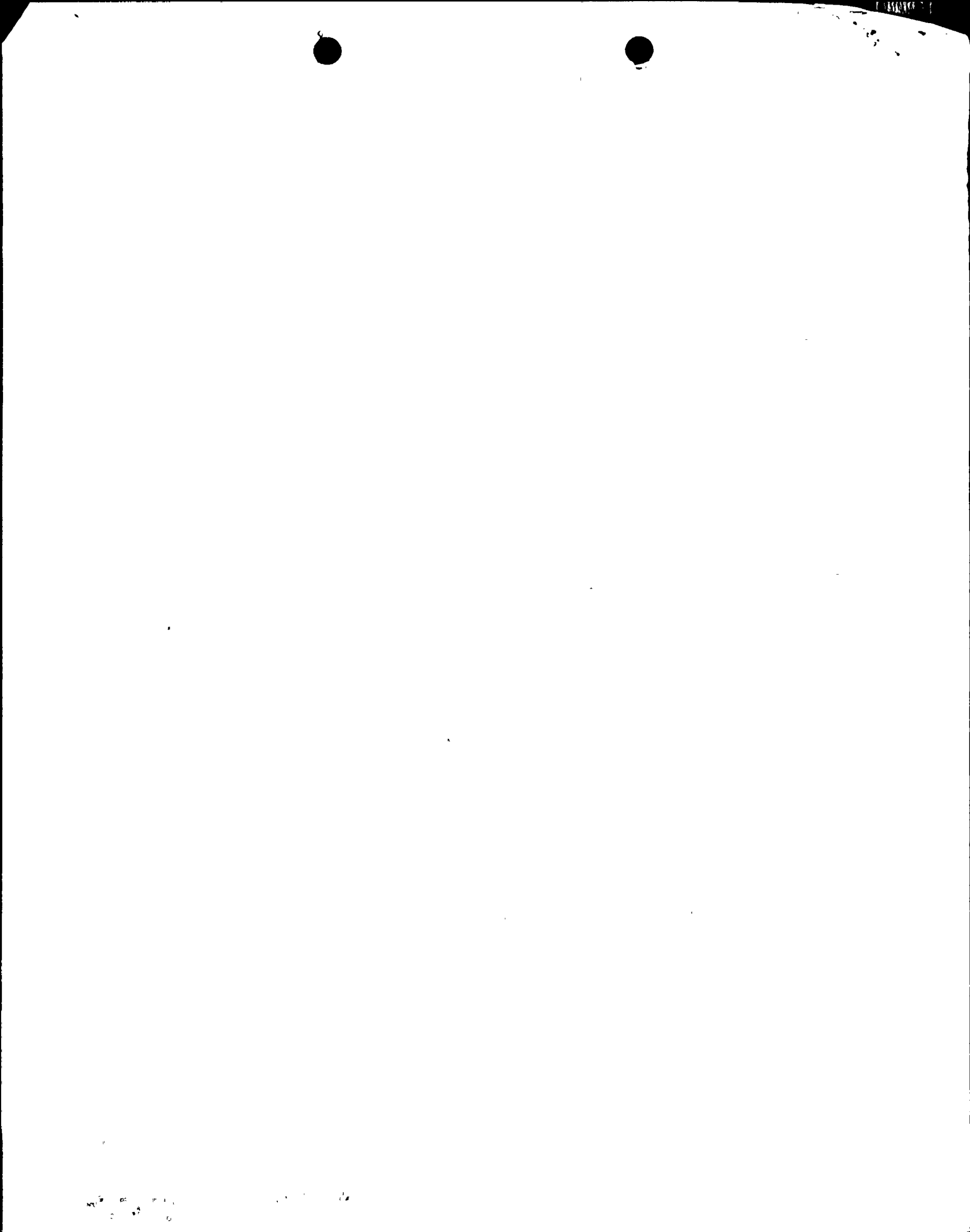
INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

7912260

(9/77)

268



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. Unit #1

DATE December 10, 1979

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MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>589</u>
2	<u>589</u>
3	<u>588</u>
4	<u>591</u>
5	<u>590</u>
6	<u>591</u>
7	<u>589</u>
8	<u>590</u>
9	<u>597</u>
10	<u>597</u>
11	<u>597</u>
12	<u>595</u>
13	<u>599</u>
14	<u>597</u>
15	<u>596</u>
16	<u>596</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>582</u>
18	<u>596</u>
19	<u>600</u>
20	<u>598</u>
21	<u>601</u>
22	<u>599</u>
23	<u>596</u>
24	<u>589</u>
25	<u>596</u>
26	<u>599</u>
27	<u>597</u>
28	<u>597</u>
29	<u>597</u>
30	<u>597</u>
31	<u>597</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NovemberDOCKET NO. 50-220UNIT NAME 9 Mile Pt. Unit #1DATE December 10, 1979COMPLETED BY T.J. PerkinsTELEPHONE 315-343-2110

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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
	11/17/79	S	10	H	1				Control Rod Manipulations
	11/23/79	S	10	H	1				Control Rod Manipulations

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

(9/77)

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

NARRATIVE OF OPERATING EXPERIENCE
NOVEMBER 1979

The station operated with a monthly availability factor of 100%, and a net design electrical capacity factor of 97.5%. During the entire month #15 Reactor Recirculation Pump was out of service and isolated due to mechanical problems. Capacity factor loss was attributed to required control rod adjustments and recirculation flow limitations.

MAINTENANCE ON CLASS I EQUIPMENT

November 26	#11 Control Rod Drive	Replaced shims and gasket on outboard bearing
November 26	#11 Inst. Air Compressor	Replaced Casing cover gasket
November 29	Control Rod Drive Flow Control Valve	Replaced valve stem, ball and flange gaskets

Completed piping system restraint work per I.E. Bulletin 79-02. As built drawings being compiled by engineering department.

No other station modifications were completed during the month.

