

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 11/7/79
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 10/01/79 - 10/31/79
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

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>745</u>	<u>7,297</u>	<u>87,649</u>
12. Number Of Hours Reactor Was Critical	<u>554.6</u>	<u>4,416</u>	<u>63,888.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,204.1</u>
14. Hours Generator On-Line	<u>520</u>	<u>4,323.7</u>	<u>61,346.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>868,281</u>	<u>7,010,609</u>	<u>99,365,370</u>
17. Gross Electrical Energy Generated (MWH)	<u>287,580</u>	<u>2,202,686</u>	<u>32,606,872</u>
18. Net Electrical Energy Generated (MWH)	<u>279,042</u>	<u>2,130,847</u>	<u>31,575,223</u>
19. Unit Service Factor	<u>69.8</u>	<u>59.3</u>	<u>70.0</u>
20. Unit Availability Factor	<u>69.8</u>	<u>59.3</u>	<u>71.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>61.4</u>	<u>47.9</u>	<u>59.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>60.4</u>	<u>47.1</u>	<u>58.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0.8</u>	<u>9.5</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	_____	_____



1954

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220
 UNIT NAME Nine Mile Pt. #1
 DATE 11/7/79
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 ext. 1312

REPORT MONTH OCTOBER

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
6	10/06/79	S	171.2	A	1				Low Pressure Seal on #12 Reactor Recirc Pump Failed - Repaired same.
7	10/19/79	S	53.8	A	1				Low Pressure Seal on #12 Reactor Recirc Pump failed - Replaced with new seal.

¹
 F: Forced
 S: Scheduled

²
 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)

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)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE Nov. 7, 1979

COMPLETED BY T.J. Perkins

TELEPHONE 315-343-2110
ext. 1312

MONTH OCTOBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	562	17	564
2	563	18	565
3	564	19	413
4	559	20	0
5	541	21	0
6	11	22	337
7	0	23	508
8	0	24	566
9	0	25	571
10	0	26	577
11	0	27	578
12	0	28	581
13	303	29	579
14	402	30	578
15	526	31	587
16	566		

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.



11-11-11

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

October 1979

The station operated with a monthly availability factor of 69.8%, and a capacity factor of 61.4%. During the entire month, #15 Reactor Recirculation Pump was out of service and isolated due to mechanical problems. Adjustments to the remaining four (4) recirculation pump motor generator set scoop tube mechanical limits were made to achieve a higher four-pump recirculation flow rate. This, along with various control rod manipulations, resulted in improved reactor operation with respect to the Technical Specifications power versus flow curve. Two (2) planned shutdowns were incurred for replacement of #12 Reactor Recirculation Pump Seal, performance of the Core Spray Isolation Valve Operating Surveillance Test and other miscellaneous maintenance items.

<u>DATE</u>	<u>ACTIVITY</u>
October 1, 1979	Unit on line, daily average power level 562 MWe.
October 6, 1979	Unit off-line for scheduled replacement of #12 Reactor Recirculation Pump seal, performance of Core Spray Isolation Valve Operability Surveillance Test, and other miscellaneous maintenance items.
October 13, 1979	Unit on-line, daily average power level 303 MWe.
October 13-19, 1979	Unit on-line, average daily output increased to 565 MWe.
October 19, 1979	Unit off-line for scheduled replacement of #12 Reactor Recirculation Pump Seal.
October 22, 1979	Unit on-line through remainder of the month. Load increased via recirculation flow per pre-conditioning limits.



10-11-1964