

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE _____
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 extension 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 09/01/79 - 09/30/79
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): 552
10. Reasons For Restrictions, If Any: #15 Reactor Recirc. Pump out of service

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6,552	86,904
12. Number Of Hours Reactor Was Critical	720	3,861.4	63,334.1
13. Reactor Reserve Shutdown Hours	--	--	1,204.1
14. Hours Generator On-Line	720	3,803.7	60,826.5
15. Unit Reserve Shutdown Hours	--		20.4
16. Gross Thermal Energy Generated (MWH)	1,254,965	6,142,328	98,497,089
17. Gross Electrical Energy Generated (MWH)	411,402	1,915,106	32,319,292
18. Net Electrical Energy Generated (MWH)	398,853	1,851,805	31,296,181
19. Unit Service Factor	100	58.1	69.9
20. Unit Availability Factor	100	58.1	71.4
21. Unit Capacity Factor (Using MDC Net)	90.8	46.3	59.0
22. Unit Capacity Factor (Using DER Net)	89.3	45.6	58.1
23. Unit Forced Outage Rate	0	1.5	9.6

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	_____	_____

791017.0 237

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
 UNIT 9 Mile Pt. Unit #1
 DATE _____
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extension 1312

MONTH SEPTEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	544
2	545
3	542
4	543
5	545
6	546
7	547
8	555
9	559
10	552
11	553
12	552
13	551
14	553
15	553
16	555

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	556
18	552
19	556
20	559
21	558
22	552
23	557
24	560
25	562
26	562
27	564
28	563
29	564
30	565
31	

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

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pt. Unit #1
 DATE _____
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 extension 1312

REPORT MONTH SEPTEMBER

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

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)



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2
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NIAGARA MOHAWK POWER CORPORATION

NINE MIL POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

September 1979

Station operated at 100% availability and 90.8% unit capacity factor during the month of September. There were no significant power reductions or outages; minor control rod manipulations were made for flux shaping and to compensate for gadolinium depletion. #15 Reactor Recirc Pump remained isolated out of service the entire period due to damaged pump internals.



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