

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

April 1982

The Station operated during the month of April 1982 with a monthly availability factor of 0.0% and a net design electrical capacity factor of 0.0%. The Station was shut down March 19, 1982, for a scheduled maintenance outage. The Station remains shut down due to Reactor Recirculation system piping cracks found during Vessel Hydro on March 23, 1982.

CLASS I WORK - MAINTENANCE - APRIL 1982

- WR #16170 - Replaced rubber goods on Drywell vent and fill valve #201-32  
4/13/82
- WR #17274 - Disassembled #15 Recirc. Pump - 4/14/82
- WR #17264 - Replaced blowdown valve IBA-729 on #12 Inst. Air Compressor -  
4/15/82
- WR #14194 - Installed new scrapper rings on piston rod to #12 Inst. Air  
Comp. - 4/20/82
- Preventative Maint. Procedure #N1-MPM-SA2 Inst. Air Compressor Semi-Annual  
Inspection on #11 Compressor - 4/20/82
- Preventative Maint. Procedure #N1-MPM-SA2 Inst. Air Compressor Semi-Annual  
Inspection on #12 Compressor - 4/20/82
- WR #16092 - Removed thermal sleeve from location 26-15 - 4/20/82
- WR #16639 - Removed CRD from location 26-15 - 4/20/82
- WR #16091 - Disassembled #13 Recirc Pump - 4/22/82
- WR #16134 - Overhauled snubber #40-HS-4 - 4/23/82
- WR #16024 - Installed new gasket on manhole to #111 moisture separator  
drain tank - 4/26/82

CLASS I WORK - INSTRUMENTATION AND CONTROL - APRIL 1982

- WR #16136 - Drywell high press. gross failure ind. lamp on C Panel not  
resetting. (Replaced Analog Card #10546 with new Card  
#10545.)
- #16201 - Inspect and test all I.R.M. cables under vessel - Replace  
where necessary. (Tested all - no failures found.)

CLASS I WORK - ELECTRICAL - APRIL 1982

- WR #9879 - #102 Diesel Generator Ground Alarm
- MO #2151 - Mark I Containment - New Torus Temp.
- N1-ST-W111 - 125 VDC Battery Pilot Cell Voltage and Specific Gravity Test

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1982

DOCKET NO. 50-220  
 UNIT NAME 9 Mile Pt. #1  
 DATE 5/6/82  
 COMPLETED BY T.W. Roman  
 TELEPHONE (315) 343-2110  
 X1383

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
8206	820525	F	874.0	A					Major repairs continue on Recirc. piping, core offloaded to SFP.

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. #1

DATE 5/6/82

COMPLETED BY T.W. Roman *TWR*

TELEPHONE (315) 343-2110  
X1383

MONTH April 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>          </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.

# OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 5/6/82  
 COMPLETED BY T. W. Roman  
 TELEPHONE (315) 343-2110  
 X1383

## OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 04/01/82 to 04/30/82
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	720.0	2880.0	109,536.0
12. Number Of Hours Reactor Was Critical	0.0	1874.0	81,308.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	0.0	1872.5	78,562.3
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	0.0	3,421,093.0	129,374,390.0
17. Gross Electrical Energy Generated (MWH)	0.0	1,169,791.0	42,743,090.0
18. Net Electrical Energy Generated (MWH)	0.0	1,134,758.0	41,392,651.0
19. Unit Service Factor	0.0	65.0	71.7
20. Unit Availability Factor	0.0	65.0	71.7
21. Unit Capacity Factor (Using MDC Net)	0.0	64.6	61.9
22. Unit Capacity Factor (Using DER Net)	0.0	63.6	61.0
23. Unit Forced Outage Rate	100.0	31.8	9.1

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: March, 1985

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION