

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

February 1983

The Station operated during the month of February 1983 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 - INSTRUMENTATION AND CONTROL - FEBRUARY 1983

- WR #19361 - Fuel pool LCV 57-25 not controlling properly.
(Replaced E/P 54-278 and calibrated positioner and controller.)
- WR #19753 - TIP Ball Valves
(Cleaned, lubricated and inspected)

CLASS I WORK - ELECTRICAL MAINTENANCE - FEBRUARY 1983

- WR #20214 - Diesel Gen. #103, breaker R1032 - Replaced crank shaft bolt
- WR #20253 - Condensate Pump #12 - Meggered motor
- WR #20255 - Diesel Gen. #103 - Soakback Pump - Loose terminal
- MO #3396 - Degraded Grid Voltage - Motor Rewind
- MO #3070 - Diesel Gen. #103 - Isolation and Control Switch Annunciation
- N1-MST-M1 - 125 VDC batteries, cell specific gravities and battery voltage.

CLASS I WORK - MAINTENANCE - FEBRUARY 1983

- WR #19857 - Welded 4 orifices in Control Cell Fuel Support Casting - 2/15/83
- WR #20289 - Replaced valves 705 & 712 on MSIV Drain Line - 2/12/83
- WR #20260 - Replaced valves 707 & 710 on MSIV Drain Line - 2/12/83
- WR #20292 - Replaced two (2) 1" T's and nipples between drain valves on #12 MSIV Drain Line.
- WR #19704 - Replaced relief valves on seal water line and cooling water lines on #11 CRD Pump.
- WR #19422 - Replaced relief valves on seal water line and cooling water lines on #12 CRD Pumps.

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 3/7/83
 COMPLETED BY TW Roman
 TELEPHONE (315) 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 02/01/83 - 02/28/83
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	672	1416	116,832
12. Number Of Hours Reactor Was Critical	0.0	0.0	81,308.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	0.0	0.0	78,562.3
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	0	0	129,374,390
17. Gross Electrical Energy Generated (MWH)	0	0	42,743,090
18. Net Electrical Energy Generated (MWH)	0	0	41,392,651
19. Unit Service Factor	0.0	0.0	67.2
20. Unit Availability Factor	0.0	0.0	67.2
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	58.1
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	57.1
23. Unit Forced Outage Rate	100.0	100.0	16.1

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:

September 1983

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH Feb. 1983

DOCKET NO. 50-220
 UNIT NAME 9 Mile #1
 DATE 3/7/83
 COMPLETED BY TW Roman
 TELEPHONE (315) 349-2422

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	820323	F	672	A	4	82-009			Replacement of recirc. piping continues.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. #1

DATE 3/7/83

COMPLETED BY TW Roman *TW Roman*

TELEPHONE (315) 349-2422

MONTH February 1983

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

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.