

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of October 1984 with a Unit Availability Factor of 100.0% and a Net Design Electrical Capacity Factor of 97.1%. There were 0 challenges to Electromatic Relief Valves. Reductions in Capacity Factor were due to Warm circulating water temperatures.

CLASS I WORK - MECHANICAL MAINTENANCE - OCTOBER 1984

WR# 29153 #13 Rx. Bldg. Closed Loop Cooling Heat Exchanger inspected, checked for leaks, plugged tubes,
WR# 28755 Air Start Solenoid on 102 D/G - replaced air start valve
WR# 29235 Diesel Generator 102 - repaired fuel oil leak
WR# 26237 Snubber #39-HS-8 - Tightened cylinder bolts,
WR# 28115 SOV Bracket for Valve 201.7-10 - installed new tapered washer
WR# 29254 Rx. Bldg. Air Lock 261' - greased fittings, tightened up screws, and cleaned dirt from door stop
WR# 29731 #11 CRD Filters - replaced filter elements
WR# 29210 Emergency condenser vent valve #05-11 - replaced packing

CLASS I WORK - ELECTRICAL MAINTENANCE - OCTOBER 1984

WR# 29200 Diesel Generator 102 - Inspected the electrical circuitry for the generator start and raw water pump. Circuit check acceptable, and diesel started properly.
WR# 29202 Post Accident Sampling - Solenoid Valve 122-04 was replaced with an equipment qualified solenoid.
WR# 29205 Reactor Building Closed Loop Cooling - #11 (70-01) motor was rewound due to a turn to turn short.
MO 1927 This major order involves updating station equipment for Equipment Qualification. The work performed includes wiring replacement solenoids, position limit switches, differential pressure transmitters and sealing the condulets. The systems involved are Emergency Condenser Vent, Reactor Building Emergency Ventilation, Condensate Make up to Torus, Containment Spray and Containment Spray Cooling Raw Water.

CLASS I WORK - INSTRUMENTATION & CONTROL - OCTOBER 1984

No Class I, Safety Related, Corrective Maintenance performed this month.

8412110502 841031
PDR ADOCK 05000220
R PDR

OPERATING DATA REPORT

DOCKET NO 50-220
 DATE 11/6/84
 COMPLETED BY T. W. Roman
 TELEPHONE (315) 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: October 1984, 10/1/84 - 10/31/84
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 630
6. Maximum Dependable Capacity (Gross MWe): 620
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>7321.0</u>	<u>132,601.2</u>
12. Number Of Hours Reactor Was Critical	<u>745</u>	<u>5034.5</u>	<u>91,335.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1204.2</u>
14. Hours Generator On-Line	<u>745</u>	<u>4971.5</u>	<u>88,459.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1374,183.0</u>	<u>8,761,059.0</u>	<u>146,855,499.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>461,502.0</u>	<u>2,921,940.0</u>	<u>48553,721.0</u>
18. Net Electrical Energy Generated (MWH)	<u>448,288.0</u>	<u>2,832,919.0</u>	<u>47,027,678.0</u>
19. Unit Service Factor	<u>100.0%</u>	<u>67.9</u>	<u>66.7</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>67.9</u>	<u>66.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.6%</u>	<u>63.4</u>	<u>58.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.1%</u>	<u>62.4</u>	<u>57.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>16.5</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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
 UNIT 9 Mile Pt. #1
 DATE 11/6/84
 COMPLETED BY TW Roman
 TELEPHONE (315) 349-2422

MONTH October 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	590	17	605
2	600	18	604
3	601	19	601
4	601	20	603
5	600	21	602
6	603	22	604
7	602	23	602
8	601	24	601
9	601	25	604
10	602	26	605
11	601	27	605
12	601	28	605
13	601	29	603
14	601	30	603
15	600	31	605
16	601		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Round to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pt. #1
 DATE 11/6/84
 COMPLETED BY T. W. Roman
 TELEPHONE (315) 349-2422

REPORT MONTH October 1984

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
									None this month

¹
 F - Forced
 S - Schedule

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

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

November 9, 1984

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Document and Control Desk

Re: Docket No. 50-220
DPR-63

Dear Sir:

Submitted herewith is the Report of Operating Statistics and Shutdown for October 1984 for the Nine Mile Point Nuclear Station Unit #1.

Also included is a narrative report of Operating Experience for October 1984.

Very truly yours,

Thomas E. Lempges

Thomas E. Lempges
Vice President
Nuclear Generation

TEL/lo
attachments
cc: Director, Office of I&E (10 copies)

DESIGNATED ORIGINAL
Certified By *MR Beebe* 12/7/84

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