

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

OCTOBER 1980

The station operated with a monthly availability factor of 100% and a net design electrical capacity factor of 93.7%. During the entire month #15 Reactor Recirculation Pump was out of service and isolated due to mechanical problems.

Capacity factor loss was due to the following:

From October 1 through October 27 the unit operated at approximately 98% thermal power (first end of cycle thermal power derate). On October 27 the reactor entered into the second cycle coastdown, to 95% thermal power limit.

CLASS I WORK - MAINTENANCE - OCTOBER 1980

- #5341 - Repacked #122 Containment Spray Pump
- #5393 - Replaced diaphragms on E.C. drain valves #11 and #12

CLASS I WORK - INSTRUMENT & CONTROL - OCTOBER 1980

- #5375 - 103 EDG Fuel Oil Storage level indicator - "calibrated same"

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-223

UNIT 9Mile Pt. #1

DATE 11/4/80

COMPLETED BY T.W. Roman *T. Roman*

TELEPHONE (315)343-2110
ext. 1383

MONTH October 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	577
2	577
3	574
4	574
5	576
6	578
7	578
8	580
9	576
10	578
11	576
12	580
13	581
14	578
15	582
16	577

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	584
18	581
19	583
20	583
21	584
22	583
23	582
24	581
25	583
26	586
27	587
28	586
29	585
30	582
31	584

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.



2000

end

OPERATING DATA REPORT

DOCKET NO. 50-223
 DATE November 5, 1988
 COMPLETED BY T. W. Roman
 TELEPHONE (315) 343-2110
 ext. 1383

OPERATING STATUS

Notes

1. Unit Name: Nine Mile Point #1
2. Reporting Period: 10/01/80 - 10/31/80
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:

9. Power Level To Which Restricted, If Any (Net MWe): 579 (1757.5 Ctp)
10. Reasons For Restrictions, If Any: EOC Derate to 95% Ctp for SRITC

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,320</u>	<u>96,432</u>
12. Number Of Hours Reactor Was Critical	<u>745</u>	<u>6,772.7</u>	<u>72,125.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,204.2</u>
14. Hours Generator On-Line	<u>745</u>	<u>6,671.1</u>	<u>69,481.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,340,504.0</u>	<u>11,713,884.0</u>	<u>113,455,286.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>446,686.0</u>	<u>3,883,585.0</u>	<u>37,393,095.0</u>
18. Net Electrical Energy Generated (MWH)	<u>432,726.0</u>	<u>3,758,388.0</u>	<u>36,208,153.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>91.1</u>	<u>72.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>91.1</u>	<u>72.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.2</u>	<u>84.2</u>	<u>61.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.7</u>	<u>82.8</u>	<u>60.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>5.7</u>	<u>9.0</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: _____

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



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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1980

DOCKET NO. 50-223
 UNIT NAME 9 Mile Point #1
 DATE November 5, 1980
 COMPLETED BY T.W. Roman *TWR*
 TELEPHONE (315)343-2110, X1383

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

