

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

August 1983

The Station operated during the month of August 1983 with a monthly availability factor of 100% and a net design electrical capacity factor of 91.4%. Capacity factor was limited due to warm circulating water from Lake Ontario.

CLASS I WORK - MAINTENANCE --August 1983

WR #22493 - Changed #12 CRD filters - 8/15/83
#22182 - Repaired hanger H49 on 6" test line
#22613 - Added packing to #13 FW Booster pump - 8/31/83
#22614 - Changed #11 CRD filters

CLASS I WORK - INSTRUMENTATION & CONTROL - August 1983

WR #22416 - #11 H2-O2 analyzer not working properly (low reading).
Found and replaced defective sample pump.

CLASS I WORK - ELECTRICAL MAINTENANCE - August 1983

N1-MST-M1 - 125 VDC Batteries, cell specific gravities and battery voltage.
MO 1076 - Liquid poison heat tape
MO 3411 - Core spray/Rx. head vent valve logic mod.

8309190074 830909
PDR ADOCK 05000220
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 9/8/83
 COMPLETED BY TW Roman
 TELEPHONE (315) 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit I
2. Reporting Period: 8/1/83 - 8/31/83
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	744	5831	121,247.6
12. Number Of Hours Reactor Was Critical	744	2064.2	83,372.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	744	1996.8	80,559.7
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	1,327.832	3,447,775	132,822,165
17. Gross Electrical Energy Generated (MWH)	434,659	1,129,165	43,872,255
18. Net Electrical Energy Generated (MWH)	421,499	1,093,773	42,486,424
19. Unit Service Factor	100.0	34.2	66.4
20. Unit Availability Factor	100.0	34.2	66.4
21. Unit Capacity Factor (Using MDC Net)	92.9	30.8	57.4
22. Unit Capacity Factor (Using DER Net)	91.4	30.3	56.5
23. Unit Forced Outage Rate	0.0	65.8	17.9
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 9/8/83
 COMPLETED BY TW Roman
 TELEPHONE (315) 349-2422

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	278
2	474
3	554
4	571
5	578
6	569
7	554
8	548
9	547
10	569
11	573
12	604
13	579
14	541
15	604
16	607

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	607
18	603
19	597
20	589
21	586
22	589
23	587
24	587
25	587
26	586
27	582
28	581
29	582
30	573
31	574

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

REPORT MONTH August 1983

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pt. #1
 DATE 9/8/83
 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
									None this month.

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 C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

September 9, 1983

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555
Attention: Document and Control Desk

RE: Docket No. 50-220
DPR - 63

Dear Sir,

Submitted herewith is the Report of Operating Statistics and Shutdown Experience for August 1983 for the Nine Mile Point Nuclear Station Unit #1.

Also included is a Narrative report of Operating Experience for August 1983.

Sincerely,

Thomas E. Lempges

Thomas E. Lempges
Vice President
Nuclear Generation

TEL/jm
Attachments
cc: Director, Office of I&E (10 copies)

TEL 4
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