

NIAGARA MOHAWK POWER CORPORATION

NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

The station operated during the month of December 1983 with a monthly availability factor of 100.0% and a net design electrical capacity factor (DER) of 96.7%. Reduction in capacity factor was due to power reduction for control rod maneuvering on December 2 and again on December 24.

CLASS I WORK - INSTRUMENTATION & CONTROL - DECEMBER 1983

WR #23312 - #12 Inst. Air. Compresor blowing air out. Relief continuously.  
(Removed and cleaned unloading solenoid U1)

CLASS I WORK - MAINTENANCE - DECEMBER 1983

WR #23759 - FW sys. seismic restraint 50-SC-60 - installed nut on restraint  
#24192 - High pressure turbine instrument taps - furmanite leak  
#23864 - #112 RHDT level SW valve - furmanite valve - 12/8/83  
#23788 - Diesel Generator #102 coolant leak at sight glass - retaped connection  
#23983 - Zone 41 west control room door - latch sticks - replaced bolts  
#23233 - CRD 38-27 accumulator - replaced packing & "O" ring  
#23294 - Condensate transfer pump #12 oil leakage at sight glass. Drained oil and rechecked sight glass.  
#23313 - CRD 06-39 accumulator foot valve - replaced teflon rings and packing  
#23247 - Scram outlet valve CRD 06-39 replaced seat, teflon rings, gaskets, packing.  
#20067 - Door #39 from I&C Shop into Control Room - replaced screws  
#23314 - CRD 06-39 foot valve - packing  
#23104 - Hanger #29-R1a - tightened loose nut  
#23316 - Scram outlet valve on CRD #06-39 leaks - re-tightened packing gland  
#23105 - Steel pipe clamp hanger 29-H-21 - tighten nuts.

CLASS I WORK - ELECTRICAL MAINTENANCE - DECEMBER 1983

N1-MST-M1 - 125 VDC batteries, cell specific gravities and battery voltage

MO 2131 - Rx. prot. sys. MG set alarms

MO 3411 - Core spray/rx. head vent valve logic mod.

1E24

8401170007 831231  
PDR ADDCK 05000220  
R PDR

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. 1

DATE 1/9/84

COMPLETED BY TW Roman *JCR*

TELEPHONE (315) 349-2422

MONTH Dec. 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>613</u>
2	<u>597</u>
3	<u>444</u>
4	<u>560</u>
5	<u>607</u>
6	<u>609</u>
7	<u>613</u>
8	<u>613</u>
9	<u>611</u>
10	<u>613</u>
11	<u>612</u>
12	<u>611</u>
13	<u>613</u>
14	<u>613</u>
15	<u>613</u>
16	<u>613</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>612</u>
18	<u>611</u>
19	<u>613</u>
20	<u>610</u>
21	<u>597</u>
22	<u>609</u>
23	<u>609</u>
24	<u>516</u>
25	<u>606</u>
26	<u>610</u>
27	<u>611</u>
28	<u>613</u>
29	<u>614</u>
30	<u>607</u>
31	<u>592</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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH Dec. 1983

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

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
8306	12/2/83	S	54.5	H	1				Load reduction to 70% Ctp to pull flux shaping control rods.
83-7	12/24/83	S	32	H	1				Load reduction to 67% ctp to pull flux shaping control rods.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

# OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 1/9/84  
 COMPLETED BY TW Roman *de*  
 TELEPHONE (315) 349-2422

## OPERATING STATUS

1. Unit Name: 9 Mile Point Unit 1
2. Reporting Period: 12/1/83-12/31/83
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

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	744	8760	124,176.2
12. Number Of Hours Reactor Was Critical	744	4993.2	86,301.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	744	4925.8	83,488.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,348,852.0	8,720,050.0	138,094,440.0
17. Gross Electrical Energy Generated (MWH)	459,283.0	2,888,691.0	45,631,781.0
18. Net Electrical Energy Generated (MWH)	446,043.0	2,802,108.0	44,194,759.0
19. Unit Service factor	100.0	56.2	67.2
20. Unit Availability Factor	100.0	56.2	67.2
21. Unit Capacity Factor (Using MDC Net)	98.3	52.4	58.3
22. Unit Capacity Factor (Using DER Net)	96.7	51.6	57.4
23. Unit Forced Outage Rate	0.0	43.8	17.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Biennial refuel & overhaul March 15, 1984 - 8 weeks

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

## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202

January 10, 1984

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

ATTN.: Document and Control Desk

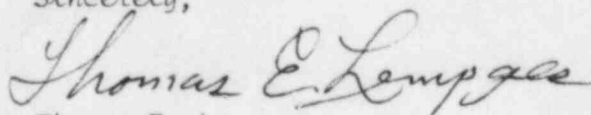
Re: Docket No. 50-220  
DPR - 63

Dear Sir,

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

Also included is a narrative report of Operating Experience for December 1983.

Sincerely,



Thomas E. Lempges  
Vice President  
Nuclear Generation

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

IE24  
1/1