

January 15, 2001
(NMP95138)

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

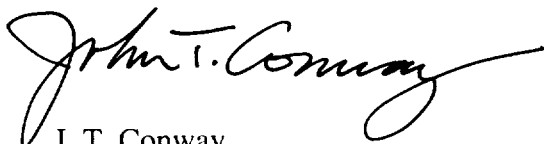
RE: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Subject: Monthly Operating Report for December 2000

Dear Sir:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for December 2000.

Very truly yours,



J. T. Conway
Vice President - Nuclear Generation

/db

Attachments

xc: H.J. Miller, Regional Administrator, Region I
G.K. Hunegs, Senior Resident Inspector
Records Management

IE24

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #2
SUMMARY OF OPERATING EXPERIENCE

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 102.19% and an availability factor of 100.0% for the month of **December 2000**.

On December 16, 2000 at 0755 hours, a planned power reduction to 65% commenced. The power reduction was to include a control rod sequence exchange, control rod stroke time adjustments and main turbine stop valve testing. At 1000 hours and reactor power at approximately 87%, main turbine stop valve testing was being performed. Valves #3 and #4 failed to stop at approximately 90% and continued to close. The test pushbuttons for these two valves were immediately released and the valves returned to full open position. The main turbine stop valve testing was stopped after the #3 and #4 valves returned to their full open position. It was determined that the fault was within the valve test circuitry and does not impact the valve operability. The power reduction continued. At 1113 hours and approximately 86% core thermal power, a high vibration alarm on the "B" reactor feed pump was received. To minimize the potential for vibration related damage to the feedwater pump, control rod stroke time adjustments were postponed. The control rod sequence exchange was completed at 1348 hours. Power ascension commenced and 100% of rated core thermal power was achieved at 2220 hours.

There were no challenges to the safety relief valves during this reporting period.

OPERATING DATA REPORT

DOCKET NO.: 50-410

DATE: 010108

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

OPERATING STATUS

Unit Name: **Nine Mile Point Unit #2**

Reporting Period: **December 2000**

- 1. Design Electrical Rating (MWe) **1143.3**
- 2. Maximum Dependable Capacity (Net MWe): **1123.4**

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical	744.0	7,344.5	87,097.3
4. Hours Generator On-Line	744.0	7,205.2	84,414.5
5. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Gen. (MWH)	854,118.3	8,001,521.4	87,199,486.0

UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 001105

PREPARED BY: C. Caroccio

TELEPHONE: (315) 349-4615

APPENDIX B REPORTING PERIOD - DECEMBER 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reasons ¹	Method of Shutting Down ²	Cause & Corrective Actions Comments
NONE						

¹

Reason:

A-Equipment Failure (Explain)

B-Maintenance or Test

C-Refueling

D-Regulatory Restriction

E-Operator Training & License Exam

F-Administrative

G-Operational Error (Explain)

H-Other (Explain)

²

Method:

1-Manual

2-Manual Trip/Scram

3-Automatic Trip/Scram

4-Continuation

5-Other (Explain)