



**Constellation  
Energy Group**

Nine Mile Point  
Nuclear Station

December 5, 2002  
NMP2L 2078

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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

Monthly Operating Report for November 2002

Gentlemen:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for November 2002.

Very truly yours,

Lawrence A. Hopkins  
Plant General Manager

LAH/jm  
Attachments

cc: Mr. H. J. Miller, NRC Regional Administrator, Region I  
Mr. G. K. Hunegs, NRC Senior Resident Inspector

JE24

## **NINE MILE POINT NUCLEAR STATION UNIT #2**

### **SUMMARY OF OPERATING EXPERIENCE**

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 55.67% and an availability factor of 56.6% for the month of November 2002.

On November 11, 2002 at 0515 hours, Nine Mile Point Unit 2 automatically scrammed on a high reactor vessel pressure signal. The cause of the high pressure condition was the separation of Main Steam Isolation Valve 2MSS\*AOV7B's disc from its stem, which served to abruptly stop all flow through the "B" steam line. Subsequently, all eight Main Steam Isolation Valves (MSIVs) received an automatic closure signal, due to high steam flow and closed. An extent of condition review found two more MSIVs susceptible to the same problem. All three valves were opened for inspection and have been modified or repaired as appropriate. Following post SCRAM review, the reactor was brought critical at 1106 hours on November 23, 2002. The generator was synchronized to the grid at 0544 hours on November 24, 2002, ending forced outage 02-02. Full power was achieved at 2127 hours on November 26, 2002.

On November 27, 2002 at 2258 hours, Operations commenced lowering power to 90% for control rod pattern adjustment. After completion of the planned rod manipulations full power was restored on November 28, 2002 at 0300 hours.

Two (2) Safety Relief Valves opened automatically as a result of pressure rise from the MSIV closure and plant SCRAM event on November 11, 2002. Operations subsequently used Safety Relief Valves to stabilize reactor pressure and control reactor depressurization/cool down rate.

## UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 12/02/02

Prepared by: T. McMahon

TELEPHONE: (315) 349-4045

### APPENDIX B REPORTING PERIOD – NOVEMBER 2002

No.	Date	Type F.Forced S: Scheduled	Duration (Hours)	Reasons <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause & Corrective Actions Comments
02-02	021111	F	312.5	A	3	MSIV 2MSS*AOV7B had its stem and disc separate, causing "B" steam line to isolate. This resulted in a reactor high pressure signal scrambling the reactor and a high steam flow signal closing all the remaining MSIVs.  Extent of condition indicated two additional valves could be susceptible to the same problem All three valves were inspected and modified or repaired as appropriate.

**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)

**Method**

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation
- 5-Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-410  
DATE: 12/02/2002  
COMPLETED BY: T. P. McMahon  
TELEPHONE: (315) 349-4045

OPERATING STATUS

Unit Name: Nine Mile Point Unit #2  
Reporting Period: November 2002  
1. Design Electrical Rating (MWe) 1,143.3  
2. Maximum Dependable Capacity (Net MWe) 1,119.8

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours Reactor was Critical:	426.1	6,998.4	102,201.6
4. Hours Generator On-Line:	407.5	6,927.6	99,308.6
5. Reactor Reserve Shutdown Hours:	0.0	0.0	0.0
6 Net Electrical Energy Gen (MWH)	448,854.0	7,817,839.2	103,876,171.9