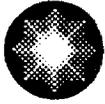


P.O. Box 63  
Lycoming, New York 13093



**Constellation  
Energy Group**

Nine Mile Point  
Nuclear Station

September 11, 2003  
NMP2L 2100

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 August 2003

Gentlemen:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for August 2003.

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

IE24

**ATTACHMENT A  
OPERATING DATA REPORT**

**DOCKET NO. 50-410  
DATE: 09/04/2003  
COMPLETED BY: T. P. McMahon  
TELEPHONE: (315) 349-4045**

**OPERATING STATUS**

**Unit Name: Nine Mile Point Unit #2  
Reporting Period: August 2003  
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>
<b>3. Number of Hours Reactor was Critical:</b>	<b>646.1</b>	<b>5,547.0</b>	<b>108,330.0</b>
<b>4. Hours Generator On-Line:</b>	<b>618.6</b>	<b>5,519.6</b>	<b>105,375.9</b>
<b>5. Reactor Reserve Shutdown Hours:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>6. Net Electrical Energy Gen. (MWH)</b>	<b>648,889.5</b>	<b>6,227,449.7</b>	<b>110,703,286.1</b>

## UNIT SHUTDOWNS

DOCKET NO: 50-410

UNIT NAME: NMP#2

DATE: 9/02/03

Prepared by: T. McMahon

TELEPHONE: (315) 349-4045

### ATTACHMENT B REPORTING PERIOD – AUGUST 2003

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reasons <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause & Corrective Actions Comments
0301	030801 (cont)	F	49.9	A	3	Failure of a feedwater control circuit power supply resulted in reactor transient and eventual SCRAM (OPRM safety trip)  Extent of condition indicated two additional power supplies. All 3 power supplies were each replaced with a pair of power supplies for N+1 redundancy, removing the single failure exposure
0302	030814	F	75.5	H	3	Offsite power grid disturbances.

<sup>1</sup> 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)

<sup>2</sup> Method:

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

## **ATTACHMENT C**

### **NARRATIVE OF OPERATING EXPERIENCE**

**DOCKET NO: 50-410**

**UNIT NAME: NMP#2**

**DATE: 9/2/03**

**PREPARED BY: T. McMahon**

**TELEPHONE: (315) 349-4045**

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 77.89% and an availability factor of 83.14% for the month of August 2003.

At the start of this reporting period, Nine Mile Point Unit Two remained in the forced outage, which began on July 24, 2003 at 0557 hours when the plant automatically scrambled, because of an Oscillation Power Range Monitor (OPRM) trip signal. After redesign and replacement of the feedwater control circuit power supplies, the unit was synchronized to the grid at 0155 hours on August 3, 2003.

On August 14, 2003 at 1611 hours experienced an automatic reactor scram due to offsite power grid disturbances. The unit was synchronized to the grid at 1934 hours on August 17, 2003.

On August 22, 2003 at 2300 hours power was reduced to approximately 88% for rod line adjustment. After completion of the rod line maneuvers, full power was restored at 0845 hours on August 23, 2003.

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