



**Constellation  
Energy Group**

**Nine Mile Point  
Nuclear Station**

August 7, 2003  
NMP2L 2094

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 July 2003

Gentlemen:

Submitted herewith is the Operating Data Report, the Unit Shutdowns, and Summary of Operating Experience for July 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: 08/01/2003  
COMPLETED BY: T. P. McMahon  
TELEPHONE: (315) 349-4045

**OPERATING STATUS**

Unit Name: Nine Mile Point Unit #2  
Reporting Period: July 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>
3. Number of Hours Reactor was Critical:	558.0	4,900.9	107,683.9
4. Hours Generator On-Line:	558.0	4,901.0	104,757.4
5. Reactor Reserve Shutdown Hours:	0.0	0.0	0.0
6. Net Electrical Energy Gen. (MWH)	632,138.6	5,578,560.2	110,054,396.7

# UNIT SHUTDOWNS

ATTACHMENT B  
REPORTING PERIOD – JULY 2003

DOCKET NO: 50-410  
UNIT NAME: NMP#2  
DATE: 8/01/03  
Prepared by: T. McMahon  
TELEPHONE: (315) 349-4045

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	030724	F	186	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.

<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: 8/01/03**

**PREPARED BY: T. McMahon**

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

Nine Mile Point Unit Two operated with a capacity factor (MDC) of 75.88% and an availability factor of 75% for the month of July 2003.

On July 24, 2003 at 0551 hours Nine Mile Point Unit #2 experienced a plant transient when a feedwater control circuit power supply failed. At 0557 hours, the plant automatically scrambled, because of an Oscillation Power Range Monitor (OPRM) trip signal. The plant remained shutdown for the remainder of the report period.

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