



**Constellation Energy**<sup>®</sup>

Nine Mile Point Nuclear Station

P.O. Box 63  
Lycoming, New York 13093

May 4, 2004  
NMP1L 1833

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

SUBJECT: Nine Mile Point Unit 1

Docket No. 50-220  
License No. DPR-63

Special Report, Channel #12 of the Containment Hydrogen  
Monitoring System Inoperable

Gentlemen:

In accordance with Action 4.a of Nine Mile Point Unit 1 Technical Specification Table 3.6.11-2, "Accident Monitoring Instrumentation Action Statements," Nine Mile Point Nuclear Station, LLC, is submitting the following Special Report concerning inoperability of Channel #12 of the Containment Hydrogen Monitoring (CHM) System.

**Description of Event**

On April 21, 2004, at approximately 1700 hours Channel #12 of the CHM System became inoperable due to intermittent indications of elevated hydrogen concentrations in the torus.

The redundant Channel #11 of the CHM System was verified to be in service prior to removing Channel #12 from service.

**Cause of Event**

The CHM System was declared inoperable due to indications of irregular changes in hydrogen concentrations. The cause of the inoperability has not yet been determined. This report will be revised once the cause is identified.

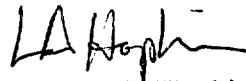
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**Corrective Actions**

The inoperability of the CHM System Channel #12 is being resolved through the Corrective Action Program. Corrective Actions necessary to restore Channel #12 of the CHM System to operability will be completed by May 18, 2004.

Very truly yours,



Lawrence A. Hopkins  
Plant General Manager

LAH/RF/bjh

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