



**Constellation Energy**

Nine Mile Point Nuclear Station

P.O. Box 63  
Lycoming, NY 13093

June 19, 2006

U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**ATTENTION:** Document Control Desk

**SUBJECT:** Nine Mile Point Nuclear Station  
Unit No. 1; Docket No. 50-220

Special Report: Channel #11 of the Containment Hydrogen Monitoring System Inoperable for Unplanned Maintenance

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 #11 of the Containment Hydrogen Monitoring (CHM) System.

**Description of Event**

On June 4, 2006, at 0021 hours, operators declared Channel #11 of the CHM System inoperable due to low sample flow.

**Cause of Inoperability**

Channel #11 of the CHM System was declared inoperable due to low sample flow. Troubleshooting determined that the cause of low sample flow was a malfunctioning return sample flow switch. Normal sample flows were not impacted and oxygen and hydrogen indications were available in the Control Room, therefore Channel #11 of the CHM System was able to perform its function as designed.

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

**Actions Taken**

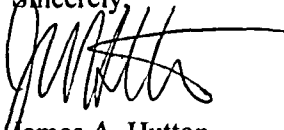
The malfunctioning sample flow switch was replaced, post maintenance testing was performed satisfactorily and Channel #11 of the CHM System was restored to operable status on June 8, 2006, at 1316 hours.

Should you have any questions regarding this submittal, please contact M. H. Miller, Licensing Director, at (315) 349-1510.

JE22

Document Control Desk  
June 19, 2006  
Page 2

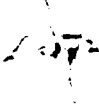
Sincerely,



James A. Hutton  
Plant General Manager

JAH/RF/sac

cc: S. J. Collins, NRC Regional Administrator, Region I  
L. M. Cline, NRC Senior Resident Inspector



Document Control Desk  
June 19, 2006  
Page 3

bcc: T. J. O'Connor  
J. A. Hutton  
T. Syrell  
M. H. Miller

NMP1L 2057

**COMMITMENTS IDENTIFIED IN THIS CORRESPONDENCE:**

- NONE

*Posting Requirements for Responses – NOV/Order*      *No*