



Constellation Energy

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, New York 13093

July 12, 2004
NMP1L 1851

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 June 28, 2004, at 1311 hours, Channel #12 of the CHM System was declared inoperable when the system was removed from service to support required surveillance testing. At approximately 1604 hours, during the performance of the surveillance test, it was discovered that the hydrogen sensor failed to generate alarms when required during testing.

The redundant Channel #11 was verified to be in service prior to removal of Channel #12 from service for testing.

Cause of Event

During performance of Channel #12 CHM System functional test, the high hydrogen level annunciator failed to alarm in the control room as expected. The associated main system control hydrogen alarm ramp also failed to illuminate as expected. The cause was determined to be a failed time delay relay.

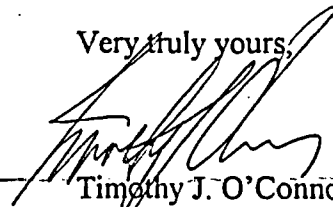
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Corrective Actions

The relay was replaced and post maintenance testing was completed. Channel #12 of the CHM System was restored to operable on July 07, 2004, at approximately 1440 hours.

Very truly yours,



Timothy J. O'Connor
Plant General Manager

TJO/JTC/jm

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