

Constellation Energy

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, New York 13093

October 26, 2004
NMP1L 1879

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 October 12, 2004, at 0956 hours, Channel #12 of the CHM System was declared inoperable when the system was removed from service to support required surveillance testing. At approximately 1450 hours, during the performance of the surveillance test, it was discovered that the high hydrogen level annunciator and associated alarm lamp did not operate when required during testing.

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

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 lamp also failed to illuminate as expected. The cause was determined to be a failed time delay relay.

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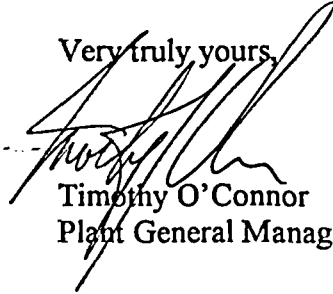
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Corrective Actions

The relay was replaced and post maintenance testing was completed satisfactorily. Channel #12 of the CHM System was declared operable on October 13, 2004, at approximately 1300 hours.

Very truly yours,



Timothy O'Connor
Plant General Manager

TJO/RF/jm

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