



Constellation Energy*

Nine Mile Point Nuclear Station

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October 3, 2005
NMP1L 1987

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

SUBJECT: Nine Mile Point Unit 1
Docket No. 50-220
Facility Operating 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 September 19, 2005, at 0755 hours, operators declared Channel #12 of the CHM System inoperable when the system was removed from service to support required surveillance testing. At 1156 hours, during the performance of the surveillance test, it was discovered that the high hydrogen and oxygen level annunciators and associated alarm lamps did not operate when required during testing.

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

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Cause of Inoperability

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

Actions Taken

The failed relay was replaced and post maintenance testing was completed satisfactorily. Channel #12 of the CHM System was restored to operable status on September 19, 2005, at 1700 hours.

Very truly yours,



James A. Hutton
Director Licensing

JAH/RF/sac
Attachment

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