



**Constellation
Energy Group**

Nine Mile Point
Nuclear Station

October 30, 2002
NMPIL 1694

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

SUBJECT: Nine Mile Point Unit 1
Docket No. 50-220, -DPR-63

Special Report, Channel #12 Containment Hydrogen Monitoring System
Inoperable Due to Degraded Solenoid Valve

Gentlemen:

In accordance with Action Statement 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 the inoperability of the Channel #12 Containment Hydrogen Monitoring System.

Description of Event

On October 16, 2002, during preparation for the calibration of the Containment Hydrogen Monitoring System, a chattering noise was noted coming from the Channel #12 Containment Hydrogen Monitoring System cabinet. Further investigation revealed that the source of the noise was solenoid operated valve SOV-201.2-1248. At approximately 1434 hours, operators shut down the Channel #12 Containment Hydrogen Monitoring System and the chattering ceased

The redundant Channel #11 Containment Hydrogen Monitoring System was in service prior to removing Channel #12 from service.

Cause of Event

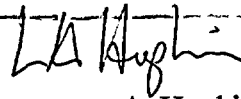
Troubleshooting concluded that SOV-201.2-1248 was degraded. An inspection of the solenoid internals determined that the degradation was the result of normal wear.

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Corrective Actions

1. The solenoid operated valve was replaced.
2. On October 25, 2002, at 2000 hours, Channel #12 Containment Hydrogen Monitoring System was returned to service.
3. The solenoid valve failure has been entered into the site's corrective action program to assess the need for additional follow-up actions.

Very truly yours,



Lawrence A. Hopkins
Plant General Manager

LAH/KLE/jm

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