

Constellation Energy

Nine Mile Point Nuclear Station

P.O. Box 63
Lycoming, NY 13093

August 29, 2005
NMP1L 1979

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 August 15, 2005, at 1725 hours, operators removed Channel #12 of the CHM System from service in anticipation of a water purge cycle solenoid-operated valve (SOV) failure. There was no loss of sampling capability and no loss of Control Room indication prior to securing Channel # 12 of the CHM System.

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

Cause of Inoperability

Channel #12 of the CHM System was removed from service after identifying that a water purge circuit SOV was degraded due to rattling/vibration. The SOV did not experience a failure that would have prevented its normal operation.

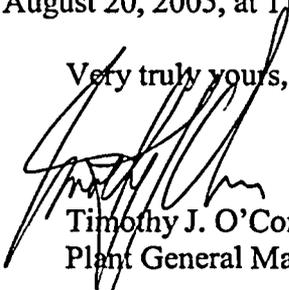
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Page 2
NMP1L 1979

Actions Taken

The SOV was replaced and post maintenance testing was completed satisfactorily. Channel #12 of the CHM System was restored to operable status on August 20, 2005, at 1101 hours.

Very truly yours,



Timothy J. O'Connor
Plant General Manager

TJO/RF/sac
Attachment

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