

September 21, 2001  
NMP1L 1613

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

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

***Subject:       Special Report, Channels 11 and 12 Containment Hydrogen Monitoring System  
                  Inoperable to Support 115 KV Transformer Maintenance***

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," Niagara Mohawk Power Corporation is submitting the following Special Report concerning the inoperability of the Containment Hydrogen Monitoring System, Channels #11 and #12.

**Description of Event**

On September 7, 2001, one of the two external 115 KV lines was declared inoperable by Niagara Mohawk Power Corporation. Actions to restore the inoperable line to operable status included changing tap settings on 115 KV/4.16 KV reserve transformers T101N and T101S. These actions resulted in temporary losses of power to the Containment Hydrogen Monitoring System, as follows:

- On September 9, 2001 at 23:05, Channel #12 Containment Hydrogen Monitoring System became inoperable when powerboard PB103 was de-energized to remove T101S from service. At 23:07 on September 9, 2001, Channel #12 Containment Hydrogen Monitoring System was returned to service when PB103 was energized.
- On September 10, 2001 at 21:07, Channel #12 Containment Hydrogen Monitoring System became inoperable when powerboard PB103 was de-energized to return T101S to service. At 21:13 on September 10, 2001, Channel #12 Containment Hydrogen Monitoring System was returned to service when PB103 was energized and T101S was returned to service.

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- On September 11, 2001 at 23:37, Channel #11 Containment Hydrogen Monitoring System became inoperable when powerboard PB102 was de-energized to remove T101N from service. At 23:38 on September 11, 2001, Channel #11 Containment Hydrogen Monitoring System was returned to service when PB102 was energized.
- On September 12, 2001 at 08:35, Channel #11 Containment Hydrogen Monitoring System became inoperable when powerboard PB102 was de-energized to restore T101N to service. At 08:48 on September 12, 2001, Channel #11 Containment Hydrogen Monitoring System was returned to service when PB102 was energized and T101N was returned to service.

*Cause of Event*

Channels #11 and #12 of the Containment Hydrogen Monitoring System were out of service due to temporary power losses resulting from dead bus transfers to support tap setting changes on transformers T101N and T101S.

*Corrective Actions*

Channels #11 and #12 of the Containment Hydrogen Monitoring System were returned to service after power was restored following completion of each dead bus transfer.

Very truly yours,



Lawrence A. Hopkins  
Plant Manager – Unit 1

LAH/DEV/mlg

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