

# CATEGORY 1

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 RADEMACHER, N.L.      Niagara Mohawk Power Corp.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
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SUBJECT: Special rept: on 970115, #12 drywell high range gamma radiation monitoring sys removed from svc due to erratic indication. Sys will be repaired & monitor will be returned to svc.

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NIAGARA MOHAWK

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NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093

January 28, 1997  
NMP1L 1175

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**

Gentlemen:

In accordance with Nine Mile Point Unit 1 (NMP1) Technical Specification Table 3.6.11-1(7), and Action Statement Table 3.6.11-2(3)(a), Niagara Mohawk Power Corporation is submitting the following Special Report concerning the inoperability of the #12 Drywell High Range Gamma Radiation Monitoring System.

**Description of Event**

On January 15, 1997, at 1620 hours, with the reactor mode switch in the "RUN" position, the #12 Drywell High Range Gamma Radiation Monitoring System was removed from service due to an erratic indication. During the period when #12 Drywell High Range Gamma Radiation Monitoring System was out of service, the #11 Drywell High Range Gamma Radiation Monitoring System was operable.

**Cause of Event**

The #12 Drywell High Range Gamma Radiation Monitoring System was removed from service due to an erratic indication. This indication was discovered by operators reviewing strip chart recorders during their normal control room rounds. The apparent root cause is aged components in the power supply.

**Corrective Actions**

Based upon the difficulty of repair requiring disabling both channels of the Drywell High Gamma Radiation Monitor System, it has been determined this would best be performed during the upcoming planned refueling outage. The #12 Drywell High Range Gamma

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Radiation Monitoring System will be repaired at that time. The monitor will then be calibrated and returned to service.

Deviation Event Report (DER) 1-97-0117 addresses this incident. Any additional corrective actions based on the results of the DER analysis will be incorporated into future corrective and preventative maintenance activities.

Very truly yours,



N. L. Rademacher  
Plant Manager - NMP1

NLR/GJG/kap

xc: Regional Administrator, Region I  
Mr. Barry S. Norris, Senior Resident Inspector  
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