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MURLEY, T. E. Region 1, Office of Director

SUBJECT: Special rept: on 860307, Channel 11 of containment high-range radiation monitor removed from svc to investigate difficult operation of control switch. Replacement switch ordered. Channel 12 remained operable.

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THOMAS E. LEMPGES
VICE PRESIDENT—NUCLEAR GENERATION

March 21, 1986

Dr. Thomas E. Murley
Regional Administrator
United States Nuclear Regulatory Commission
Region 1
631 Park Avenue
King Of Prussia, PA 19406

RE: Docket 50-220
SPECIAL REPORT

Gentlemen:

In accordance with Table 3.6.11-1 and Action Statement 3a of Table 3.6.11-2 of the Nine Mile Point Unit I Technical Specifications, we hereby submit the following Special Report concerning an inoperable Containment High Range Gamma Radiation Monitor.

On March 7, 1986, channel 11 of the Containment High Range Radiation Monitor was removed from service to investigate difficult operation of the control switch. The switch (General Atomic SCD-SW, RTRY) was removed from the circuit to determine why there was difficulty in changing positions and to clean the switch mechanism. Even though the cleaning did not completely correct the problem, the switch could still perform its function and was returned to service. When the control switch was placed back into the circuit, channel 11 was also returned to service. This condition was discovered while performing surveillance procedure N1-ISP-M-201.7, "Drywell High Range Gamma Radiation Monitor Functional Test".

As a result of the failure of the cleaning process to completely correct the problem, Niagara Mohawk has ordered a replacement switch from the manufacturer. The new switch will be installed at a convenient time so as to not degrade the containment high range radiation monitoring system.

While channel 11 was out-of-service, channel 12 was operable. Therefore, at no time was there a possibility for an unmonitored high radiation level within primary containment.

Sincerely,

Thomas E. Lempges

Thomas E. Lempges
Vice President
Nuclear Generation

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