July 11, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-TMI-80-38I

This preliminary notification constitutues EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by NRC staff on this date.

Facility: Metropolitan Edison Company
Three Mile Island, Unit 2
Middletown, Pennsylvania
Docket Number 50-320

Subject: REACTOR BUILDING PURGE STATUS

Purging of the reactor building atmosphere continued dependent upon meteorological conditions and effluent monitor filter changeout until approximately 10:00 a.m. today. At that time the purge systems were shutdown (final condition) based on licensee declaration that the purge was essentially complete.

Preliminary calculations of total release as of the shutdown was approximately 43,800 curies based on stack flow rate and measured stack concentration using NUREG-213A values. Yesterday's latest reactor building Kr-85 concentration was 1.9×10^{-4} uCi/cc.

A reactor building air sample will be obtained and analyzed by the licensee and the NRC. Subsequent samples, with the reactor building isolated, will be taken to monitor for long term equilibrium conditions.

Analysis of the accumulated purge data to date continues by the licensee and NRC.

Additional reports on reactor building purging will be updated as necessary. The NRC Region I mobile laboratory will continue to be used to verify the licensee's analytical results.

Media interest has occurred because of public sensitivity to this evolution and TMI related events. The Commonwealth of Pennsylvania has monitored these events. NRC has responded to inquiries. The NRC TMI Program Office staff has monitored events as they occur on a 24 hour basis.

This information is current as of 11:00 a.m.

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