July 10, 1980

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

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 was shutdown at 1:45 a.m. today. The decision to shutdown was made so that reactor building air samples could be taken without the perturbation from the air flow into or out of the reactor building.

Reactor building air samples were taken at 4:00 a.m., 5:00 a.m. and at 6:45 a.m.. The measurement results were 1.7×10^{-4} uCi/cc, 1.5×10^{-4} uCi/cc and 1.89×10^{-4} uCi/cc, respectively. This information is being reviewed along with HPR-219A monitoring data to evaluate the total release of Kr-85 and what quantity of Krypton gas remains to be purged.

The modified reactor building purge system was purging at 18,500 cfm with the stack flow rate of 104,000 cfm up to 1:45 a.m. The total release as of the shutdown is 34,164 Ci, based on stack flow rate and measured stack concentration using HPR-219A values.

Additional reports on reactor building purging will be updated on a daily basis. The NRC Region I mobile laboratory will continue to be used to verify the licensee's analytical results on particulate content.

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 9:30 a.m.

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