

PRELIMINARY NOTIFICATION

July 2, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL CONCURRENCE--PHO-TMI-80-388

This preliminary notification constitutes 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

POOR ORIGINAL

Subject: REACTOR BUILDING PURGE STATUS

Purging of the reactor building atmosphere utilizing the modified hydrogen control (MHC) system continued at various system flow rates based on meteorological condition. Momentary shutdowns also occurred due to stack monitor filter changeouts. Also a scheduled shutdown lasting approximately 5 hours occurred for computer maintenance.

Maximum purge system flow rate was approximately 540 cfm while stack flow rate averaged approximately 100,000 cfm in the past 24 hours. Total calculated radioactivity released as of 7:00 a.m. was 9676 Ci based on stack flow rate and measured stack concentration. Remaining concentration in the reactor building based on the last building sample was analyzed at .89 uCi/cc (50,409 Ci, total).

NRC evaluation of the additional particulate monitor on the plant stack is in progress. Grab samples continue to verify little or no particulate activity released and are independently verified by the NRC Region I mobile laboratory.

Additional reports on reactor building purging will be updated on a daily basis during the initial stages of purging. 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 8:00 a.m.

Contact: *R. J. Conte* R. J. Conte 590-3950 *A. N. Fasano* A. N. Fasano 590-3950 *J. T. Collins* J. T. Collins 590-3955 *7/2/80*

8007250 237