

NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-TMI-84-06

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

Facility: GPU Nuclear Corporation Licensee Emergency Classification:
Three Mile Island, Unit 2 X Not Applicable
Docket Number 50-320

Subject: PRE-PLANNED TMI-2 REACTOR BUILDING ENTRY WITHOUT RESPIRATOR

A pre-planned, 19 minute entry was made into the TMI-2 reactor building by an individual not wearing a respirator on June 28, 1984. The entry was made by a volunteer licensee senior radiological control technician to perform routine radiological control surveillances. The individual exited the reactor building without detectable skin contamination.

Preliminary analysis of the individual's breathing zone air sample indicated the exposure of approximately 0.2 MPC-hrs. The applicable limits from 10 CFR 20 are 2 MPC-hrs per day, 10 MPC-hrs per week and 520 MPC-hrs per calendar quarter. The individual received about 22 millirem whole body external radiation exposure. No regulatory limits were exceeded. Appropriate beta radiation protection was worn for the lens of the eye, and the individual was appropriately monitored by thermoluminescent dosimetry. The licensee's Safety Advisory Board concurred with the results of a study to remove the requirements for the use of respirators for selected tasks in the reactor building. This decision will increase worker comfort and productivity in containment.

Future entries into the reactor building without respiratory protection for selected individuals are planned and will be based on stay time, job to be performed, and impact of other tasks.

Media interest may occur because the licensee plans to issue a press release. The Commonwealth of Pennsylvania was informed.

This preliminary notification is issued for information only and no further action by the NRC is anticipated.

The NRC TMI Program Office received pre-notification of this occurrence and monitored the licensee's activities. This information was current as of 10:40 AM.

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