

NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-TMI-82-16

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  
Three Mile Island, Unit 2  
Docket Number 50-320

Licensee Emergency Classification:  
X Not Applicable

Subject: VIDEO INSPECTION OF TMI-2 REACTOR CORE

The licensee is commencing preparations today for insertion of a closed circuit television (CCTV) camera into the reactor vessel head through a control rod drive mechanism (CRDM) housing. The evolution will provide the first visual assessment of conditions inside the reactor vessel.

The evolution consists of: (1) Venting of the hot leg piping through the RCS high point vents and placing a nitrogen blanket on the hot legs, scheduled for July 14, 1982. (2) Venting of the pressurizer and a selected control rod drive mechanism through which the camera is to be inserted, and start of the partial drain down process of the RCS scheduled for July 15, 1982. (3) Uncoupling and removal of the CRDM leadscrew, scheduled for July 19, 1982. (4) Insertion of the CCTV camera into the reactor vessel head through the CRDM (leadscrew) opening, scheduled for July 21, 1982. This process was successfully tested on the TMI-1 reactor core earlier this year.

The NRC TMI Program Office staff reviewed and approved the licensee safety analysis for this evolution and the procedures which will be used to conduct it.

Media interest will occur because the licensee plans to issue a press release. The NRC does not plan to issue a press release. The Commonwealth of Pennsylvania was informed.

This PN will be updated as each of the above milestones are completed. The TMI Program Office staff plans to continue monitoring events as they occur.

The NRC TMI Program Office received notification of this occurrence through continuous monitoring of licensee activities. This information was current as of 11:00 AM today.

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