

May 21, 1982

## PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-TMI-82-13

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: SHIPMENT OF SUBMERGED DEMINERALIZER SYSTEM (SDS) WASTE VESSEL

On May 21, 1982, the first SDS waste vessel (D 10015) was shipped from TMI to Richland, Washington. This 10 cubic foot SDS vessel, which was used to process waste water from the Reactor Coolant Bleed Tanks (RCBT's), contained approximately 13,000 curies of total radioactivity and was shipped in a special type B (designed for accidents) cask. The Department of Energy (DOE) took possession of this waste material at TMI, and will conduct research and development glass vitrification (solidification) testing at the Hanford, Washington, facility. The NRC and Department of Transportation inspected the shipping container and transport vehicle to ensure conformance with applicable regulations. The waste shipment is scheduled to arrive at the DOE facility on May 24, 1982.

Media interest will occur because the licensee plans to issue a press release. However, the NRC does not plan to issue a press release at this time. 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 notification of this occurrence by monitoring events as they occurred and this information was current as of 11:00 AM, today.

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