

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-94-14

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 the Region III staff on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Detroit Edison Co.	General Emergency
Fermi 2	Site Area Emergency
Newport, Michigan	Alert
	Unusual Event
Docket No. 50-341	X Not Applicable

Subject: RELEASE OF SECOND TANK OF SLIGHTLY CONTAMINATED WATER

At 8:15 p.m. (EST) on March 15, 1994, the licensee began the planned discharge of approximately 500,000 gallons of slightly contaminated water from the Condensate Storage Tank to Lake Erie. The excess water was associated with the turbine-generator event and fire on December 25, 1993. The utility expects to release additional excess water in the next several weeks.

Prior to the release the licensee processed the tank contents with demineralizers and filters to reduce the contamination levels. NRC Region III (Chicago) analyzed two samples of the tank contents in the Region III Radioanalytical Laboratory prior to the release. The NRC analyses confirmed licensee measurements and showed that the contamination levels were consistent with a release of event-related water which occurred February 24-25, 1994. The measured concentration levels in the sample were approximately 3 percent of NRC limits for release of water to unrestricted areas. The maximum calculated dose to an individual from the discharge is 0.03 millirem [the plant's Technical Specification limit is 3 millirem per year and average annual individual radiation dose from natural background is approximately 200-300 millirem per year].

An additional sample, collected during the discharge, will also be analyzed in the Region III laboratory. The licensee expects the duration of the release to be about 24 hours.

The State of Michigan, local government officials, and interested congressional offices were informed of the planned discharge and the NRC sample results. Canadian officials were also notified.

The utility issued a news announcement on the planned release. There has been some news media and public interest in the release, but the interest level is substantially less than that preceding the initial discharge.

This information is current as of 9:00 a.m. (CST) on March 16, 1993.

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