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PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-94-10C

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: NEWS MEDIA INTEREST IN RELEASE OF SLIGHTLY CONTAMINATED WATER (THIRD UPDATE)

On February 25, 1994, the licensee completed the release of 480,000 gallons of water to Lake Erie from the Condensate Storage Tank. Region III provided inspection coverage throughout the release, which lasted about 24 hours.

Samples were collected by the NRC from the tank prior to the discharge and during the discharge. The samples were analyzed in the Region III mobile laboratory at the plant site. The measurements were consistent with earlier NRC and licensee analyses that showed the release was a small fraction of the NRC limits for liquid effluents.

The total release was about 4.4 millicuries of radioactivity with an additional 873 millicuries of tritium (hydrogen-3).

Water was pumped from the Condensate Storage Tank at a rate of 400 gallons per minute and was mixed with water from the circulating water system at a rate of 15,500 gallons per minute before being discharged into Lake Erie. NRC samples collected at the discharge point showed no detectable radioactivity with the exception of naturally occurring potassium-40.

The NRC also collected samples at the Monroe, Michigan, water facility intake for 48 hours following the release and found no detectable radioactivity.

State and local officials have been informed of the NRC sampling results.

There was extensive news media and public interest in the release, including inquiries from government officials, news media, and members of the public from other states bordering Lake Erie.

This information is current as of 1 p.m. on February 28, 1994.

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