

April 19, 2000

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-00-015

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 Region III staff (Lisle, Illinois) on this date.

Facility	Licensee Emergency Classification
Toledo Edison Co.	Notification of Unusual Event
Davis Besse 1	Alert
Oak Harbor, Ohio	Site Area Emergency
Dockets: 50-346	General Emergency
	X Not Applicable

Subject: PORTIONS OF PLANT EVACUATED WHILE NON-TOXIC FUMES CHECKED

On April 18, 2000, with the reactor defueled, workers were mixing a relatively large amount of epoxy grout and catalyst in a metal bucket in the component cooling water pump room in the plant. The plant has been shut down for refueling since March 31, 2000, and all fuel has been removed from the reactor.

At about 1 p.m. EDT, about 30 minutes after mixing, the mixture produced an exothermic reaction, giving off vapors and smoke. The smoke activated smoke alarms in the component cooling water room, and the vapors could be smelled in the turbine and auxiliary buildings.

The licensee activated the fire brigade and evacuated all personnel from the turbine and auxiliary buildings. The fire brigade then discovered the ongoing reaction. The mixture was subsequently moved outside the building. According to the manufacturer of the grouting material and grouting contractors, the smoke and vapors were not toxic and such a chemical reaction could occur when relatively large batches were mixed together.

No personnel suffered ill effects from the fumes or smoke. Subsequently, the auxiliary building and turbine building areas were ventilated, and air sampling determined that no toxic fumes were present. General access restrictions to all areas except the component cooling water room were restored at about 4:00 p.m. General access to the component cooling water room was restored at about 7:00 p.m. Plant equipment was not effected during this event.

The resident inspectors monitored the licensee's response to the incident and subsequent investigation.

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The State of Ohio and the Occupational Safety and Health Administration have been informed. The information in this preliminary notification has been reviewed with licensee management.

Region III (Chicago) was notified of this incident by the resident inspectors at 2:30 p.m. EDT on April 18, 2000. This information is current as of 2 p.m. on April 19, 2000.

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