

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 staff on this date.

Facility: The Detroit Edison Company
 Enrico Fermi 2
 Detroit, MI
 Docket No. 50-341

Licensee Emergency Classification:
 Notification of an Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

Subject: USE OF COMMERCIAL GRADE EQUIPMENT IN SAFETY-RELATED APPLICATIONS

The licensee is evaluating a potential problem identified during an NRC inspection involving the use of commercial grade material in safety-related applications without adequate evaluation of the material for safety-related purposes.

Thus far, the licensee has identified 2,300 purchase orders for commercial grade materials during the period 1978 through 1983 which were intended for use in safety and seismically qualified systems. The materials involved include nuts, bolts, anchors, and support materials, as well as such electrical components as relays, circuit breakers, and circuit boards.

The use of commercial grade equipment is permitted in safety-related applications, but only if determined to meet appropriate environmental qualification and seismic requirements.

The potential problem was identified during an NRC inspection in late 1983, and the licensee met February 7, 1984, with Region III (Chicago) representatives to discuss the matter. The licensee is evaluating the commercial grade usage to determine its impact on the plant. If necessary, the licensee intends to develop procedures for testing and qualifying the material.

Neither the licensee nor Region III plans to issue a news announcement at this time, pending further evaluation of the matter.

The State of Michigan will be notified.

This information is current as of 3:00 p.m. (CST), February 10, 1984.

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