

DMB

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.

Facility: Detroit Edison Company
Fermi 2 Nuclear Power Plant
Newport, MI 48166

Docket No: 50-341

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

Subject: DAMAGE TO DIESEL GENERATOR DURING TESTING (UPDATE)

The licensee has completed the inspection of the upper crankcase bearings on emergency diesel generators #13 and #14, and of selected lower bearings on #13. (See PNO-III-85-95.)

Plans are to replace the #13 upper crankshaft, and all #13 and #14 upper bearings. In addition, the licensee plans to replace the two lower crankshaft main bearings in #13.

While reassembling #13 on 12/1/85 the licensee observed discontinuities on three (3) connecting rod journals. The vendor, Fairbanks Morse, believes them to be manufacturing defects which have been lapped and will have no effect on the operation of the diesel. The vendor plans to supply documentation to verify their position. The licensee is continuing their investigation. Initial evaluation by the licensee, based on a limited amount of preliminary information, indicated the possibility that the discontinuities on the rod journals could have been deliberated and consequently, the licensee made initial FBI and NRC notifications. Subsequently, investigation showed that FBI involvement was not necessary. Region III had notified the Information Assessment Team (IAT).

The licensee is analyzing some of the removed bearings in an effort to determine the cause of the failures, and the composition or cause of the gray appearance and roughness noted on several bearings. The NRC has acquired two connecting rod bearings and two main bearings from #13's upper crankshaft and is having the Franklin Research Center in Philadelphia, PA perform an independent evaluation. Region III and NRR have requested that EDG #11 be inspected to determine its condition. (EDG #11 had a new upper crankshaft and bearings installed last February.)

(Fermi II has been shut down since October 11, 1985, for maintenance and installation of NRC-required equipment.) Plant availability to support startup is projected to be December 11, 1985, contingent upon resolution of this and other problems.

The State of Michigan will be notified.

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PDR I&E
PNO-III-85-095 PDR

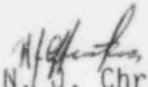
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The licensee plans on issuing a press release.

This information is current as of Close of Business, December 2, 1985.

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Region III
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