

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: Detroit Edison Company
Detroit, Michigan
Fermi, Unit 2
(Docket No. 50-341)

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

Subject: ISSUES POTENTIALLY AFFECTING LICENSING SCHEDULE

Two potentially significant issues at Fermi Unit 2 may affect the schedule for the proposed issuance of an Operating Licensing for fuel loading and low power testing. These two issues are: (1) the recently discovered evidence of damage to at least one of the plant's four diesel generators, and (2) current drawings do not in all cases accurately reflect the final or "as-built" condition of some electrical circuitry and instrument and control systems.

First, the Diesel Generator problem: On January 10, 1985 while conducting a 24 hour test run on one of four Fairbanks Morse Emergency Diesel Generators (EDG-11) the generator tripped on low lubricating oil pressure. A visual inspection of this diesel on January 11th found parts of the oil and scraper rings and piston skirt in the oil sump. Pieces of metal which may be bearing material were also found in the oil screen and filters. Damage on four of the 24 cylinders has also been identified. On January 11th another Diesel Generator (EDG-13) was manually tripped during testing when high crankcase pressure readings were encountered. Followup inspection of remaining oil screens and filters for the other diesels has disclosed what appears to be metal flakes in EDG-12 as well. A preliminary evaluation indicates the problem is associated with the pre-lube system. EDG-11 is being dismantled and a vendor representative is onsite. The SRI is closely following the licensee's development of a Master Plan to approach this problem. Impact on the licensing schedule is unknown at this time.

As for the as-built drawings, the need to review and update the drawings for electrical and instrument/control systems has been periodically identified by Region III (Chicago) over the past year. It was also identified by the Construction Assessment Inspection, performed in 1984 for the licensee by Duke Power Company.

The licensee has committed to reviewing all drawings used in the control room and updating them prior to licensing to reflect the as-built condition of the electrical and instrument/control systems. The licensee has also developed an indexing system to compile complete information on the

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as-built conditions, even though this information has not yet been entered on the final drawings. This indexing system would be used by technicians performing maintenance or surveillance testing for which accurate as-built information is needed. The licensee is currently performing walkdowns and reviewing system drawings to update their as-built electrical UI&C drawings.

The licensee currently expects to complete its reviews and indexing system by the end of January. Region III inspection specialists have been onsite to evaluate the licensee's corrective measures. The SRI is onsite closely following the Diesel Generator problem.

The State of Michigan will be informed. Region III (Chicago) will continue to respond to periodic news media inquiries on the status of the facility.

This status information is current as of 2 p.m., January 16, 1985.

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