

PRELIMINARY NOTIFICATION

March 31, 2010

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-10-004A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. Some of the information may not yet be fully verified or evaluated by the Region III staff.

Facility

Fermi 2
Detroit Edison Company
Newport, Michigan
Docket: 50-341
License: NPF-43

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

Subject: UPDATE - FERMI 2 SCRAM AND UNPLANNED SHUTDOWN FOR GREATER THAN 72 HOURS

At 4:27 p.m. EDT on March 25, 2010, the plant automatically shut down in response to a main generator trip due to an electrical problem in a generator circuit. The problem caused the main generator and main turbine to trip, which resulted in an automatic scram of the reactor, as designed. All safety systems functioned as expected. The licensee repaired the circuit and restarted the plant at 11:05 p.m. EDT on March 27, 2010. A problem with air leaking into the main turbine condenser, which takes steam and turns it back into water to cool the reactor, was encountered when the plant was at approximately 5 percent power, and had to be fixed before the plant could go up in power. The licensee identified the source of the in-leakage and made the necessary repairs. On March 30, 2010, the licensee was able to increase steam to the main turbine and synchronize to the grid. The plant is currently in the process of returning to full power operation.

The resident inspectors monitored the plant restart and are monitoring the plant return to full power. The information presented herein has been discussed with the licensee, and is current as of 01:30 p.m. EDT on March 31, 2010.

This preliminary notification is issued for information only and no further action by the staff is anticipated.

ADAMS Accession Number: ML100900289

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