

PRELIMINARY NOTIFICATION – REGION III

November 12, 2009

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-09-009A

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 UNPLANNED SHUTDOWN FOR GREATER THAN 72 HOURS TO REPAIR HYDROGEN IN-LEAKAGE

DESCRIPTION:

At 11:09 a.m. EDT on September 30, 2009, the licensee shut the plant down in response to hydrogen gas in-leakage into the stator water cooling system from the main turbine generator. The plant had been operating at 100 percent power. All control rods were fully inserted, reactor water level was being maintained in the normal band using the reactor feedwater systems.

The licensee noticed an increase in hydrogen leakage from the main turbine generator into the stator cooling water system. The hydrogen in-leakage did not meet any criteria for shutdown; however, the licensee conservatively shut down the plant to repair the in-leak. The in-leak did not result in any releases of hydrogen into the turbine building.

The leakages were subsequently identified and repaired.

On November 11, 2009, the post-maintenance testing was satisfactory and Fermi Unit 2 restarted. The plant is currently in the process of returning to full power operation.

The information presented herein has been discussed with the licensee and is current as of 10:06 a.m. EDT on November 12, 2009.

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

ADAMS Accession Number: ML093160680

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