

**PRELIMINARY NOTIFICATION - REGION III**

**October 2, 2015**

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-15-009A**

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 and is basically all that is known by the Region III staff on this date.

**Facility**

Fermi Power Plant (Fermi 2)  
DTE Energy Company  
Newport, MI  
Docket: 50-341  
License: NPF-43

**Licensee Emergency Classification**

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

**SUBJECT: UPDATE: UNPLANNED SHUTDOWN GREATER THAN 72 HOURS  
FOLLOWING THE LOSS OF COOLING WATER IN THE TURBINE BUILDING**

Following a manual shutdown, Fermi was not restarted but began a planned refueling outage on September 27, 2015. Because the reactor shutdown had occurred so close to the previously scheduled start of the refueling outage, the licensee decided to keep the reactor shut down.

Operators had shut down the plant on September 13 after attempts to correct a malfunction of a nonsafety-related cooling water system in the turbine building were unsuccessful and the three pumps in the system shut down.

The U.S. Nuclear Regulatory Commission (NRC) resident inspector and a region-based inspector monitored the licensee's investigation and repair activities following the shutdown. The NRC is currently monitoring the refueling outage.

This preliminary notification is issued for information only.

Region III received initial notification of the occurrence by a telephone call shortly after the event via Event notification No. 51391

The information presented herein has been discussed with the licensee, and is current as of 10:20 a.m. (CDT), October 2, 2015.

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