PRELIMINARY NOTIFICATION

April 6, 2015

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE–PNO-III-15-005A

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, Unit 2
DTE Energy Company
Newport, MI
Docket: 50-341

Licensee Emergency Classification
___ Notification of Unusual Event
___ Alert
___ Site Area Emergency
___ General Emergency
_X_ Not Applicable

SUBJECT: UPDATE: UNPLANNED SHUTDOWN GREATER THAN 72 HOURS FOLLOWING A COOLING WATER LEAK IN CONTAINMENT

Fermi was restarted on April 4, 2015. The plant had shut down on March 19, 2015, following a leak of non-radioactive cooling water in the drywell. The plant had been operating at 100 percent power when operators received alarms in the control room indicating a leak of cooling water from one of two large pumps (reactor recirculation pumps) in the drywell. The operators shut off the pump and reactor power began to reduce, as expected. Reactor power had been reduced to around 74 percent when a reactor safety instrument caused an automatic reactor scram. All control rods inserted and all plant systems responded normally to the scram. The NRC resident inspector went to the control room upon being notified of the leak and observed operators respond to the scram.

After repair of the source of the initial leak of cooling water, additional components were repaired and tested. The NRC resident inspector inspected the drywell following the repairs and prior to the re-start of the reactor, and observed operators restart the reactor in the control room.

This preliminary notification is issued for information only.

The information presented herein has been discussed with the licensee and is current as of April 6, 2015, at 1:00 p.m. (EDT).

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Contact: Michael Kunowski
630–829–9618
Michael.Kunowski@nrc.gov