

June 13, 2008

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-08-005

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 Region III staff on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Fermi 2	<input checked="" type="checkbox"/> Notification of Unusual Event
Detroit Edison Company	<input type="checkbox"/> Alert
Newport, Michigan	<input type="checkbox"/> Site Area Emergency
Docket: 50-341	<input type="checkbox"/> General Emergency
License: NPF-43	<input type="checkbox"/> Not Applicable

SUBJECT: FERMIL DECLARATION OF NOTIFICATION OF UNUSUAL EVENT DUE TO PARTIAL LOSS OF ANNUNCIATORS IN CONTROL ROOM. NRC ENTERED MONITORING MODE.

DESCRIPTION:

On June 13, 2008, at approximately 1:46 a.m. (EDT), staff at the Fermi Power Plant declared a Notification of Unusual Event (NOUE) due to the partial loss of control room (CR) annunciators. Based on the uncertainty regarding the extent of the loss, the Regional Administrator (RA) placed the agency in the Monitoring Mode at approximately 2:30 a.m. (EDT). The senior resident inspector responded to the site and monitored licensee activities throughout the event. The reactor remained in a stable condition at 100 percent power throughout the event. The licensee restored annunciator capability and exited the NOUE at 6:03 a.m. (EDT) on June 13, 2008.

Annunciators associated with eight CR panels, including both safety and non-safety related equipment, were adversely affected by the event. Annunciators associated with the Dedicated Shutdown panel and most balance of plant systems, e.g., feedwater and condensate systems, continued to function normally during the event. The site's main process computer was available as a backup to the out-of-service annunciators. The licensee determined that the partial loss of annunciators was due to a failed signal processing unit. While redundant units are used for the annunciators, the failure mode blocked the backup unit from functioning properly. As of 5:21 a.m. (EDT), the licensee had isolated the faulted unit and verified proper operation of the restored annunciators. At 6:03 a.m. (EDT), following discussions with the Region, the licensee exited the NOUE, and at 6:22 a.m. (EDT), the agency exited the Monitoring Mode.

The State of Michigan has been informed.

The event was reported to the NRC at 2:14 a.m. (EDT) on June 13, 2008. This information has been reviewed with license management and is current as of 11:06 a.m. (EDT), June 13, 2008.

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