

**PRELIMINARY NOTIFICATION- REGION III**

February 23, 2009

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-09-001A

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.

**Facility**

Palisades Nuclear Plant  
Entergy Nuclear Operations, Inc.  
Covert, MI  
Docket: 50-255  
License: DPR-20

**Licensee Emergency Classification**

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

SUBJECT: PALISADES FORCED SHUTDOWN FOR GREATER THAN 72 HOURS TO REPLACE LEAKING CONTROL ROD DRIVE SEAL (UPDATE)

DESCRIPTION:

On February 20, 2009, the Palisades plant resumed operation after a maintenance outage that was started on February 17, 2009, to replace a leaking control rod drive seal. The reactor was made critical at 5:37 p.m. (CDT) on February 20, 2009, and the main generator was synchronized to the grid at 1:49 a.m. (CDT) on February 21, 2009. The licensee replaced one control rod drive seal during the outage.

The resident inspectors observed the licensee returning the plant to operation.

The State of Michigan will be notified. The information in this preliminary notification has been reviewed with licensee management.

This information is current as of 10:37 a.m. (CDT) on February 23, 2009.

CONTACTS:

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