

PRELIMINARY NOTIFICATION- REGION III

July 28, 2009

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-09-006

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

Donald C. Cook Nuclear Plant
Indiana Michigan Power Company
Stevensville, MI
Docket: 50-316
License: DPR-74

Licensee Emergency Classification

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

SUBJECT: D.C. COOK UNIT 2 FORCED SHUTDOWN FOR GREATER THAN 72 HOURS
TO REPAIR REACTOR COOLANT PUMP SEAL

DESCRIPTION:

On July 26, 2009, the Cook Nuclear Plant Unit 2 was manually tripped due to a degraded Reactor Coolant Pump Seal.

There were no complications during the plant shutdown. The duration of the shutdown is expected to exceed 72 hours.

The utility is investigating the cause of the seal failure and plans to repair the seal.

NRC inspectors will continue to monitor the utility's activities.

The state of Michigan has been informed.

The information in this preliminary notification has been reviewed with licensee management and is current as of 8:00 a.m. on July 28, 2009.

ADAMS Accession Number: ML092090135

CONTACTS:

Jay Lennartz, SRI
269/465-5353

Jamnes Cameron, Chief
630/829-9833