

**PRELIMINARY NOTIFICATION- REGION III**

August 10, 2009

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

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 (UPDATE)

DESCRIPTION:

On August 8, 2009, the Cook Nuclear Plant Unit 2 resumed operation after a maintenance outage that was started on July 26, 2009, to replace a degraded Reactor Coolant Pump Seal. The reactor was made critical at 2:05 a.m. (CDT) on August 8, 2009, and the main generator was synchronized to the grid at 10:17 a.m. (CDT) on August 8, 2009. The license replaced one Reactor Coolant Pump Seal during this 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 9:00 a.m. (CDT) on August 10, 2009.

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