

PRELIMINARY NOTIFICATION

November 4, 2014

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE–PNO–III–14–010

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 by the Region III staff.

Facility

Donald C. Cook Nuclear Plant
Indiana Michigan Power Company
Stevensville, MI
Docket: 50-315, 50-316
License: DRP–58 and DRP–74

Licensee Emergency Classification

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

SUBJECT: D.C. COOK DUAL UNIT MANUAL TRIP RESULTING IN A SHUTDOWN FOR GREATER THAN 72 HOURS ON UNIT 2

On November 1, 2014 at 02:49 EDT, Operators at the Cook plant manually shut down both D.C. Cook Unit 1 and Unit 2 because high winds and lake turbulence caused grass and debris to accumulate on the traveling water screens. The rate of debris accumulation exceeded the capacity of the traveling screens to automatically remove the accumulated debris. Actions by the licensee to shut down the units and reduce water flow through the screens prevented impacts on equipment needed to keep the two reactors safe.

The intake tunnels extend one quarter-mile into Lake Michigan and are used to bring cooling water into the plant. The screens remove debris before lake water is pumped to various plant systems.

Following the manual plant trip, there were some equipment issues: however, these did not have a significant impact on the plant shutdown and operators responded appropriately. The NRC resident inspectors responded to the event and observed the licensee's actions. The resident inspectors are continuing to evaluate the event and the licensee's actions.

As of November 4, 2014, Unit 1 was in the process of returning to full power. Unit 2, however, was expected to remain shut down due to an unrelated equipment issue.

This preliminary notification is issued for information only and no further action by the staff is anticipated.

The State of Michigan has been notified about the event.

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Region III received initial notification of this occurrence by phone telephone call from the licensee at 05:03 A.M. EDT on November 1, 2014. The information presented herein has been discussed with the licensee, and is current as of 09:15 A.M. CDT on November 4, 2014.

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