

## PRELIMINARY NOTIFICATION

May 11, 2020

### PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-III-20-001A

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 and is basically all that is known by the Region III staff on this date.

#### Facility

Donald C. Cook Nuclear Plant, Unit 2  
Indiana Michigan Power Company  
Stevensville, MI  
Docket No: 50-316

#### Licensee Emergency Classification

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

SUBJECT: UPDATE: UNPLANNED SHUTDOWN GREATER THAN 72 HOURS DUE TO REACTOR COOLANT SYSTEM LEAKAGE EXCEEDING TECHNICAL SPECIFICATION LIMITS

Donald C. Cook Nuclear Plant, Unit 2, was restarted on May 10, 2020. Unit 2 was shut down on May 1, 2020 to repair a leak from a pressurizer spray valve leak-off line degraded cap. The leak was identified after plant operators observed a spike in the reactor coolant system unidentified leakage rate.

The licensee made repairs to the pressurizer spray valve leak-off line. Plant operators commenced a startup and the reactor was made critical on May 10, 2020. The unit was synchronized to the electrical grid on May 11, 2020. The Resident Inspectors were on site and monitored portions of the repair and startup activities.

Donald C. Cook Unit 1 remains at full power.

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

The information presented herein has been discussed with the licensee and is current as of 15:29 p.m. ET on May 11, 2020.

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