

Date: May 11, 2015

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-I-15-002

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 I staff.

Facility

Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Unit No. 3
Buchanan, NY
Docket No. 50-286
License No. DPR-64

Licensee Emergency Classification

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

SUBJECT: INDIAN POINT NUCLEAR POWER STATION UNIT NO. 3: SHUTDOWN
GREATER THAN 72 HOURS DUE TO REACTOR TRIP FOLLOWING #31 MAIN
TRANSFORMER FAILURE

On May 9, 2015, at 5:50 p.m., Indian Point Unit 3 experienced an automatic reactor trip as a result of a failure of the #31 main transformer. A Notification of Unusual Event (UE) was declared at 6:01 p.m. for an explosion or fire within the station's Protected Area. The fire was initially extinguished by the station's deluge system. The fire then reignited and was extinguished by both the site fire brigade and two offsite fire departments who responded to the event. The UE was exited at 9:03 p.m.

The reactor trip was uncomplicated. All control rods inserted into the reactor core, and all safety systems responded as designed. The NRC Resident Inspectors responded to the site and independently confirmed that the plant was in a stable, safe condition.

Unit 3 is currently in Mode 4, Hot Shutdown, with normal offsite electrical power available and decay heat being released to the main condenser. Unit 2 continues to operate at 100-percent power.

Resident Inspectors and region-based inspectors are providing oversight and performing follow-up inspections.

This preliminary notification is issued for information only.

The information presented herein has been discussed with the licensee and is current as of 12:00 p.m. on May 11, 2015. The State of New York, the associated four counties, FEMA, and EPA have been kept informed.

ADAMS Accession Number: ML15131A407

CONTACT: Thomas C. Setzer, Senior Project Engineer
Projects Branch 2, DRP
(610) 337-5165
Thomas.Setzer@nrc.gov

Arthur Burritt, Chief
Projects Branch 2, DRP
(610) 337-5069
Arthur.Burritt@nrc.gov

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 Licensee: Entergy Nuclear Operations, Inc
 Indian Point Nuclear Power Station

DOCUMENT NAME: G:\DRP\PNS\PNO-I-15-002 - IP3 31 MAIN TRANSFORMER FAILURE.DOCX

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