

Power Reactor	Event Number: 46400
Facility: INDIAN POINT Region: 1 State: NY Unit: [2] [] [] RX Type: [2] W-4-LP,[3] W-4-LP NRC Notified By: NICK LAZZO HQ OPS Officer: HOWIE CROUCH	Notification Date: 11/07/2010 Notification Time: 19:07 [ET] Event Date: 11/07/2010 Event Time: 18:39 [EST] Last Update Date: 11/08/2010
Emergency Class: ALERT 10 CFR Section: 50.72(a) (1) (i) - EMERGENCY DECLARED 50.72(b)(2)(iv)(B) - RPS ACTUATION - CRITICAL 50.72(b)(3)(iv)(A) - VALID SPECIF SYS ACTUATION 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): JOHN WHITE (R1DO) SHER BAHADUR (NRR) ERIC LEEDS (NRR) BILL DEAN (R1RA) BILL GOTT (IRD) DOYLE (DHS) BURCKART (FEMA) TURNER (DOE) USERY (USDA) GRUENSPECHT (HHS)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
2	A/R	Y	100	Power Operation	0	Hot Standby

Event Text**ALERT DECLARED DUE TO EXPLOSION IN THE 21 MAIN TRANSFORMER**

At 1849 EST, the licensee declared an Alert due to an explosion in the 21 Main Transformer. As a result of the loss of the transformer, Unit 2 experienced a reactor trip. Plant response to the trip was normal and the plant is stable in Mode 3. At 1839 hrs., the licensee activated their Emergency Response Organization. Additionally, there was a report of smoke issuing from a metering station at the site boundary. Offsite assistance has been requested to investigate the metering station. No injuries were reported and the licensee is investigating whether any other equipment damage occurred as a result of the transformer failure.

* * * UPDATE FROM NICK LIZZO TO HOWIE CROUCH AT 2200 EST ON 11/07/10 * * *

"On November 7, 2010, at 1839 hours, the Reactor Protection System automatically actuated at 100% Reactor Power when the 21 Main Transformer failed. The failure resulted in a turbine / reactor trip. All plant equipment responded normally to the unit trip. This is reportable under 10 CFR 50.72(b)(2)(iv). The transformer failure was characterized as an explosion that meets the IPEC [Indian Point Energy Center] EAL criteria 8.2.3. An Alert was declared at 1849 hours. The plant is stable in Mode 3 at this time.

"The Auxiliary Feedwater System actuated following the manual trip, as expected. This is reportable under 10 CFR 50.72(b)(3)(iv)(A). The Emergency Diesel Generators did not start as offsite power remained available and stable. The Station Auxiliary Transformer tap changer has remained at the maximum tap changer position and is inoperable, however the unit remains on offsite power and all electrical loads are stable. No primary or secondary relief valves lifted. The plant is in Hot Standby at normal temperature and pressure with residual heat removal using auxiliary feedwater and normal heat removal through the condenser via steam dumps. There was no radiation released.

"Indian Point Unit Three was not affected by this event and remains at 100% power.

"A post trip investigation is in progress.

"A one hour notification of the Alert Declaration was made to the NRC Emergency Operations Duty Center officer Howie Crouch at 1907 [hrs. EST]."

The licensee has notified the NRC Resident Inspector, the New York State Public Service Commission, New York State

EMA and local county officials.

Notified R1DO (White).

* * * UPDATE FROM CHARLES LAVERDE TO HOWIE CROUCH AT 2230 EST ON 11/07/10 * * *

At 2218 EST, the licensee exited the Alert emergency declaration. The exit criteria was that:

- 1) The plant was in or was proceeding to cold shutdown,
- 2) No radiation release was in progress or anticipated
- 3) All radiation levels in the plant were stable or decreasing, and
- 4) No limitation on access to all plant areas.

The licensee has notified the NRC Resident Inspector. Notified IRD (Gott), R1DO (White), NRR EO (Bahadur), FEMA (Heyman), DHS (Doyle), HHS (Gruenspecht), USDA (John) and DOE (Turner).

* * * UPDATE ON 11/8/2010 AT 1228 FROM MICHAEL McCARTHY TO MARK ABRAMOVITZ * * *

Approximately 50-100 gallons of oil from the transformer reached the Hudson River. The licensee notified the National Response Center and the New York State Department of Environmental Conservation.

The licensee notified the NRC Resident Inspector.

Notified the R1DO (White).