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24 mars 2019

Etats-Unis : Indian Point : tombée du réacteur n°2 suite à la tombée de la turbine

La turbine est tombée suite à la perte de l'excitation de l'alternateur. Tous les systèmes d'arrêt se sont actionnés normalement ainsi que le système de protection du cœur (reactor protection system RPS). L'alimentation auxiliaire en eau s'est également enclenché. La chaleur du cœur est évacuée vers les décharges atmosphériques via les générateurs de vapeur.

Type : PWR - Puissance : 3 216 MWth - Première divergence : 04/1976

Available in english only

Event Number : 53954

Facility : INDIAN POINT - State : NY Unit : [2] - RX Type : [2] W-4-LP

Event Date : 03/24/2019 - Event Time : 14:45 [EDT]

Emergency Class : NON EMERGENCY 10 CFR Section : 50.72(b)(2)(iv)(B) - RPS ACTUATION - CRITICAL 50.72(b)(3)(iv)(A) - VALID SPECIF SYS ACTUATION

Initial PWR : 96 % Current PWR : 0 %

Event Text

REACTOR AUTOMATIC TRIP ON TURBINE TRIP

"On March 24, 2019, at 1445 EDT, Indian Point Unit 2 automatically tripped on a turbine trip due to a loss of excitation. All control rods fully inserted and plant equipment responded normally to the unit trip. This RPS [reactor protection system] actuation is reportable under 10 CFR 50.72(b)(2)(iv)(B).

"The auxiliary feedwater system actuated following the automatic trip as expected. This specified system actuation is reportable under 10 CFR 50.72(b)(3)(iv)(A). During the event offsite power

remained available and stable. No primary or secondary reliefs lifted. Unit 2 is in Mode 3 at normal operating temperature and pressure. Decay heat removal is via the steam generators to the atmospheric steam dumps. No radiation was released.

"Indian Point Unit 3 was unaffected by this event and remains defueled in a scheduled refueling outage.

"A post trip investigation is in progress.

"The licensee has notified the NRC Resident Inspector"

The New York State Public Service Commission, Consolidated Edison System Operator, and New York State Independent System Operator were also notified.

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2019/20190325en.html>