



Source : <https://www.sortirdunucleaire.org/Etats-Unis-Salem-urgence-declaree-suite-a-un>

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30 novembre 2017

Etats-Unis : Salem : urgence déclarée suite à un séisme

Conformément aux règles, les réacteurs sont en cours d'arrêt. Le séisme, de niveau 4,1 et à 9,9 km de profondeur, était situé au nord ouest de la centrale (39.198°N 75.433°W) (<https://earthquake.usgs.gov/earthquakes/eventpage/us1000bjkn#region-info>). L'urgence a été levée 4 h 28 après son déclenchement et aucun dommage n'aurait été enregistré en salle de commande.

▶ **Type : PWR - Puissance : 3 459 MWth - Première divergence : n°1 : 12 / 1976 - n°2 : 10 / 1980 -**

Available in english only

Event Number : 53099

Facility : SALEM - State : NJ

Unit : [1] [2] - RX Type : [1] W-4-LP,[2] W-4-LP

Event Date : 11/30/2017 - Event Time : 16:57 [EST]

Emergency Class : UNUSUAL EVENT 10 CFR Section : 50.72(a) (1) (i) - **EMERGENCY DECLARED**

Initial PWR : 100 % Current PWR : 100 %

1 N Y 100 Power Operation 100 Power Operation 2 N Y 100 Power Operation 100 Power Operation

Event Text

"UNUSUAL EVENT DECLARED DUE TO EARTHQUAKE"

An Unusual Event was declared at 1657 EST due to an earthquake detected onsite. The Unusual Event was declared under EAL HU1.1. There is no release in progress due to this event. There are no

protective actions recommended at this time.

The Licensee will notify the NRC Resident Inspector.

Note : See also EN #53101 for Hope Creek Unusual Event.

*** UPDATE FROM JOSHUA MYERS TO DONALD NORWOOD AT 1742 EST ON 11/30/2017 ***

"An earthquake was felt onsite at time 1645 EST. Multiple phone calls were made to the Control Room confirming the earthquake. It was verified there was an earthquake felt in Delaware with a magnitude of 4.4. Neither seismic monitor at Salem Unit 1, Salem Unit 2, and Hope Creek actuated. There is no indication of any damage to any systems or plant structures. Plant walk-downs have been initiated in accordance with plant operating procedures for a seismic event. No injuries have been reported to the Control Room."

The licensee will notify the NRC Resident Inspector and State and local government agencies.

Notified R1DO (Gray), DHS SWO, FEMA Operations Center, DHS NICC, FEMA NWC (email), and DHS Nuclear SSA (email).

*** UPDATE FROM THOMAS CLARK TO DAVID AIRD AT 2137 EST ON 11/30/2017 ***

The licensee terminated the Unusual Event at 2125 EST on 11/30/2017 following plant walkdowns that revealed no damage to plant structures, systems, or components.

The NRC Resident Inspector has been notified.

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20171201en.html>