



Source : <https://www.sortirdunucleaire.org/Etats-Unis-Pilgrim-fuite-d-hydrogene-superieure-a>

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9 septembre 2016

Etats-Unis : Pilgrim : fuite d'hydrogène supérieure à 3,7 kg

La fuite d'hydrogène s'est produite sur le système de refroidissement de l'alternateur. Selon la NRC, la pression de l'hydrogène a été rétablie à sa valeur normale avec un alternateur remis en fonctionnement sécurisé et stable. Le problème aurait été déclaré aux services de sécurité incendie conformément aux prescriptions.

Type : Fukushima I (BWR Mark 1) - Puissance : 2 028 MWth - Première divergence : 06 1972 -

Available in english only

Event Number : 52231

Facility : PILGRIM

State : MA - Unit : [1] - RX Type : [1] GE-3

Event Date : 09/09/2016 - Event Time : 17:39 [EDT]

Emergency Class : NON EMERGENCY 10 CFR Section : 50.72(b)(2)(xi) - OFFSITE NOTIFICATION

Initial PWR : 0 %

Current PWR : 0 %

Event Text :

OFFSITE NOTIFICATION - RELEASE OF HYDROGEN GAS IN EXCESS OF THE REPORTABLE QUANTITY OF TEN POUNDS

"At 1739 [EDT] on Friday September 9, 2016 the Massachusetts Department of Environmental Protection and the Plymouth Massachusetts Fire Department were notified of a Hydrogen release in accordance with plant procedures and 310CMR40.300, Massachusetts Contingency Plan Notification

for Oil and Hazardous Material ; Identification and Listing of Oil and Hazardous Material, due to a release of hydrogen gas to the environment exceeding the reportable quantity of ten pounds. The Massachusetts DEP Tracking Number is RTN4-26311. The release was from the generator hydrogen cooling system. There was no plant damage. Hydrogen system pressure has been restored to the normal operating band with the Main Generator secured and is stable. The cause of the event is under investigation.

"This event posed no danger to the health and safety of plant personnel or members of the general public.

"The NRC Resident Inspector has been notified."

* * * UPDATE FROM ROBERT O'NEILL TO STEVEN VITTO AT 1724 EDT ON 09/14/2016 * * *

"The Plymouth Massachusetts Fire Department was notified on Monday, September 12, 2016, at 1411 EDT. This clarifies information applicable to the local notification as identified in the original notification."

Notified R1DO(Noggle) and NSIR (Stapleton) via email.

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160915en.html#en52231>