



Source : <https://www.sortirdunucleaire.org/Etats-Unis-Pilgrim-systeme-de-refroidissement-a-l>

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15 août 2016

Etats-Unis : Pilgrim : système de refroidissement à l'eau de mer ne remplissant plus sa fonction

La déclaration d'une Limitation des Conditions d'Exploitation du réacteur qui fonctionnait à 70 % de sa puissance a été faite suite à une température de l'eau de mer dépassant les limites autorisées de 24 ° C. L'arrêt du réacteur a du être engagé sous 24 h. La mesure de limitation de fonctionnement du réacteur a été levée 59 minutes après son lancement suite à un retour de température d'eau de mer en-dessous des 24 °C.

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

Available in english only

Event Number : 52181

Facility : PILGRIM

State : MA

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

Event Date : 08/15/2016 - Event Time : 15:52 [EDT]

Emergency Class : NON EMERGENCY 10 CFR Section : 50.72(b)(3)(v)(B) - POT RHR INOP
50.72(b)(3)(v)(D) - ACCIDENT MITIGATION

Initial PWR : 70 %

Current PWR : 62 %

Event Text

SALT SERVICE WATER SYSTEM DECLARED INOPERABLE

"On Monday, August 15, 2016 at 1552 [EDT], with the reactor at [about] 70 percent core thermal power (CTP), Pilgrim Nuclear Power Station (PNPS) entered a 24-hour shutdown Limiting Condition for Operation Action Statement (LCO-AS) for Salt Service Water (SSW) inlet temperature exceeding the Technical Specification (TS) limit in TS 3.5.B.4. The LCO-AS was subsequently exited at 1651 hours when the temperature of SSW trended to below the TS limit.

"Under certain design conditions, the SSW system is required to provide cooling water to various heat exchangers such as the Reactor Building Closed Cooling Water (RBCCW) and Turbine Building Closed Cooling Water (TBCCW) systems. When the inlet temperature to these supplied loads exceeds the 75 degrees F limit established in the TS, the SSW system is conservatively declared inoperable until the temperature trends below this value. This condition existed for approximately 60 minutes.

"The SSW temperature is being closely monitored and trended on a continuous basis.

"This event has no impact on the health and safety of the public.

"The licensee has notified the NRC Senior Resident Inspector.

"This notification is being made in accordance with 10 CFR 50.72(b)(3)(v)(B) and 10 CFR 50.72(b)(3)(v)(D) due to an event or condition that could have prevented fulfillment of a safety function.

"The licensee will be notifying the Commonwealth of Massachusetts Emergency Management Agency."

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160816en.html>