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Sortir du nucléaire

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Fédération de plus de 930 associations et 60 000 personnes, agrée pour la protection de l'environnement

Source : https://www.sortirdunucleaire.org/Etats-Unis-Surry-arret-du-reacteur-no1-suite-a

9 août 2017

Etats-Unis : Surry : arrêt du réacteur n°1 suite à une fuite du liquide de refroidissement

Des recherches ont été effectuées pour trouver l'origine de l'accroissement d'une fuite non identifiée. L'équipe a noté une fuite sur une paroi dans la zone de soudure de la tubulure d'une soupape d'échantillonnage de la branche chaude. Conformément aux spécifications techniques les opérateurs ont engagé l'arrêt du réacteur pour arriver à un arrêt à chaud dans les 6 h.

Type : PWR - Puissance : 2 852 MWth - Première divergence : 07 / 1972 -

Available in english only

Event Number : 52894

Facility : SURRY

State : VA - Unit : [1] - RX Type : [1] W-3-LP

Event Date : 08/09/2017 - Event Time : 16:06 [EDT]

Emergency Class : NON EMERGENCY 10 CFR Section : 50.72(b)(2)(i) - PLANT S/D REQD BY TS 50.72(b)(3)(ii)(A) - **DEGRADED CONDITION**

Initial PWR : 32 % Current PWR : 0 %

Event Text **TECHNICAL SPECIFICATION REQUIRED SHUTDOWN FOR REACTOR COOLANT SYSTEM LEAKAGE**

"On 8/9/17, a Unit 1 containment entry was made in order to investigate increased Reactor Coolant System (RCS) unidentified leakage. The team noted a through-wall leak from the tubing/socket weld

area of ’C’ Hot Leg Sample Valve. The sample valve and RCS pressure boundary were declared inoperable, and a 6-hour action statement to place Unit 1 in Hot Shutdown was entered at 1338 [EDT] hours as required by Technical Specification 3.1.C.3.

"At 1606 [EDT] hours on 8/9/17, Unit 1 shutdown was commenced, and at 1637 [EDT], Unit 1 was at Hot Shutdown. This report is being submitted pursuant to 10CFR50.72(b)(2)(i) as a result of power reduction required by Technical Specifications. Further, this report is being submitted pursuant to 10CFR50.72(b)(3)(ii)(A) for any event or condition that results in the condition of the nuclear power plant, including its principle safety barriers, being seriously degraded.

"The NRC Resident [Inspector] has been notified of this event and is on site.

"There was no radiation release associated with this event, nor were there any personnel injuries or contamination events."

https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170810en.html