



Source : <https://www.sortirdunucleaire.org/Etats-Unis-Prairie-Island-generateurs-diesel>

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28 septembre 2015

Etats-Unis : Prairie Island : Deux générateurs diesel de l'unité 1 hors service simultanément

Un générateur était en maintenance programmée et l'autre indisponible suite à un problème de refroidissement. L'indisponibilité a duré 18 minutes.

Type : PWR - Puissance : 1 667 MWth - Première divergence : 12/1973

Available in english only.

Event Number : 51429

Facility : PRAIRIE ISLAND

Region : 3 State : MN

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

Event Date : 09/28/2015 - Event Time : 13:27 -

Emergency Class : NON EMERGENCY 10 CFR Section : 50.72(b)(3)(v)(D) - ACCIDENT MITIGATION
Person (Organization) :

Initial PWR : 100 % Current PWR : 100 %

Event Text

BOTH UNIT 1 EMERGENCY DIESEL GENERATORS INOPERABLE AT THE SAME TIME

"At approximately 1327 CDT on September 28, 2015, both D1 and D2 Diesel Generators (EDG) were inoperable simultaneously until corrected at 1345 CDT. The D2 Diesel Generator had been declared inoperable for the planned performance of SP1307, D2 Diesel Generator 6 Month Fast Start Test. Tech

Spec LCO 3.8.1 Condition B had been entered for D2 Diesel Generator. Subsequently, D1 Diesel Generator was determined to be inoperable but available due to Train A Cooling Water Header being inoperable during post maintenance testing of SV-33133, Backwash Water Supply to the 121 Safeguards Traveling Screen. Tech Spec LCO 3.7.8 Condition B was entered for the Cooling Water Header inoperability, which forced a cascade to Tech Spec 3.8.1 Condition B for D1 Diesel Generator. With both Emergency Diesel Generators inoperable, Tech Spec 3.8.1 Condition E was entered, which required the restoration of one Emergency Diesel Generator to operable status within 2 hours. D2 was returned to operable status through completion of SP 1307, and Tech Spec 3.8.1 Condition E was exited at 1345 CDT.

"With both Emergency Diesel Generators inoperable, this condition is reportable under 10 CFR 50.72 (b)(3)(v)(D), Event or Condition that Could Have Prevented Fulfillment of a Safety Function.

"The plant remains safe, and this condition does not pose any additional risk to the public. Additionally, our defense in depth strategies are relied upon to take actions to protect the health and safety of the public. D2 Diesel Generator remained available with full cooling water flow during this time. The safety significance of this event is low, as engineering hydraulic analysis has demonstrated that with the safeguards traveling screen backwash water supply valve fully opened, the Cooling Water System would have continued to provide full cooling flow to the D1 Diesel Generator.

"The licensee has notified the NRC Resident Inspector."

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150929en.html#en51429>