

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 13, 2016

10 CFR 50.90

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Serial No. 15-558
NLOS/DEA R0
Docket Nos.: 50-338/339
License Nos.: NPF-4/7

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNITS 1 AND 2
INTENT TO IMPLEMENT RECOMMENDATIONS OF WESTINGHOUSE TECHNICAL
BULLETIN 15-1 AND UNLIKELY LOSS OF BOTH RWSTS

This correspondence is to formally document an email communication sent to Mr. Tony Brown (NRC) from Mr. Mark Sartain (Dominion) on November 19, 2015. The purpose of the email was to; 1) discuss the status of Dominion's response to Westinghouse Technical Bulletin (TB) 15-1, and 2) provide supplemental information regarding the unlikely failure of both Refueling Water Storage Tanks (RWSTs) due to tornado generated missiles at North Anna Power Station. The technical content of the email to Mr. Brown is provided below:

Westinghouse Technical Bulletin 15-1, Reactor Coolant System Temperature and Pressure Limits for the No. 2 Reactor Coolant Pump Seal

Westinghouse Technical Bulletin (TB) 15-1 was issued on March 17, 2015 and recommended implementation of an extended cooldown of the Reactor Coolant System (RCS) to less than 350 degrees within 24 hours to maintain the integrity of the No. 2 reactor coolant pump (RCP) seal following a loss of all RCP seal cooling event. Dominion reviewed the TB and entered the information into the Corrective Action system for further evaluation.

Dominion has been assessing the recommendations of TB 15-1 with the understanding that Westinghouse is evaluating less stringent cooldown requirements and intends to issue a revision to the TB. Additionally, Dominion has been working closely with Westinghouse and the Pressurized Water Reactor Owner's Group to determine the best solution that could qualify the No. 2 seal for higher temperatures and allow for relaxation of the cooldown time and temperature requirements.

North Anna Power Station intends to implement the vendor recommendations of the revised TB to ensure integrity of the RCP seal package while avoiding concerns of unintended consequences with TDAFW pump operation associated with the original TB recommendations.

Supplemental Information Regarding the Unlikely Failure of Both North Anna Power Station RWSTs due to a Tornado Generated Missile

The Refueling Water Storage Tanks (RWSTs) at North Anna Power Station are safety related structures that are seismically designed and protected from high winds, but are

ADD
NRR

Commitments made in this letter: No new regulatory commitments.

cc: U.S. Nuclear Regulatory Commission – Region II
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