

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 13, 2022

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

Serial No. 22-118
NAPS: RAP
Docket No. 50-338
License No. NPF-4

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY VIRGINIA)
NORTH ANNA POWER STATION UNIT 1
POST ACCIDENT MONITORING (PAM) REPORT

On March 6, 2022, with Unit 1 in Mode 1, the Channel 1 Wide Range Ex-Core Neutron Monitor, 01-NM-NFI-190B1, was found failed high, indicating 200%. There was also a loss of trending noted on the Plant Computer System (PCS) and the indication on the Remote Monitoring Panel, 01-NM-NFI-190B2, located in the Fuel Building was also at 200%.

The cause of the inoperable neutron monitor is currently unknown. Troubleshooting to determine the cause of the failure will occur after the Unit 2 refueling outage has been completed and resources become available to support the effort. The associated repairs will occur at the nearest maintenance opportunity. Technical Specification (TS) 3.3.3 Condition A requires restoration of the neutron monitor to operable within thirty days. If the neutron monitor is not returned to service within thirty days, a Post Accident Monitoring Report is required in accordance with TS 5.6.6. This letter provides the required report including our plan and schedule for restoring the neutron monitor to service.

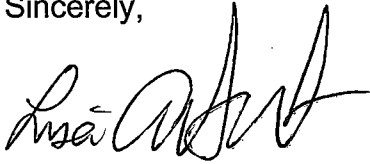
Continued operation with the neutron monitor inoperable is permitted because there is another train of wide range neutron monitoring that is operable. Both trains of the source range neutron monitors are operable if they become necessary. Additionally, the normal power range nuclear instruments (PRNI) are operable to provide power indication during normal plant operation.

This report has been reviewed and approved by the Facility Safety Review Committee.

If you have any questions or require additional information, please contact Mr. Marcus Hofmann (540) 894-2100.

A001
NRR

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Hilbert". The signature is fluid and cursive, with the first name "Lisa" written in a smaller, more legible script than the last name "Hilbert", which is more stylized.

Lisa Hilbert
Site Vice President

Commitments made in this letter: Repair and restoration to operability for 01-NM-NFI-190B1 at the nearest maintenance opportunity.

cc: U.S. Nuclear Regulatory Commission
Region II
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NRC Senior Resident Inspector
North Anna Power Station

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