

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 16, 2021

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Serial No.: 21-370
NRA/GDM: R0
Docket Nos.: 50-338/339
License Nos.: NPF-4/7

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY VIRGINIA)
NORTH ANNA POWER STATION UNITS 1 AND 2
LICENSE AMENDMENT REQUEST TO REVISE REACTOR CORE SAFETY LIMIT
SUPPLEMENTAL INFORMATION

By letter dated January 7, 2021, Dominion Energy Virginia submitted a license amendment request (LAR) for North Anna Power Station (NAPS) Units 1 and 2 Facility Operating License Numbers NPF-4 and NPF-7, respectively. The proposed change would revise the TS Reactor Core Safety Limit (SL) 2.1.1.2 to reflect the peak fuel centerline melt temperature specified in WCAP-17642-P-A, Revision 1, "Westinghouse Performance Analysis and Design Model (PAD5)."

Pursuant to discussions with the NRC Senior Project Manager for NAPS, additional information is being provided herein regarding the implementation plan for the requested amendments following their approval by the NRC. Specifically, the NAPS Updated Final Safety Analysis Report (UFSAR), Sections 4.2.1.1.1, "Fuel Rods," 4.4.1.2, "Fuel Temperature Design Basis," and 4.4.2.2.6, "Treatment of Peaking Factors," will be revised as part of the implementation plan for the license amendments following their issuance to include the revised fuel melt safety limit and its technical basis. Furthermore, the UFSAR will be reviewed in its entirety and additional UFSAR changes will be implemented, if required, to reflect the revised peak fuel centerline melt temperature limit.

Should you have any questions or require additional information, please contact Ms. Erica N. Combs at (804) 273-3386.

Respectfully,



Mark D. Sartain
Vice President – Nuclear Engineering and Fleet Support

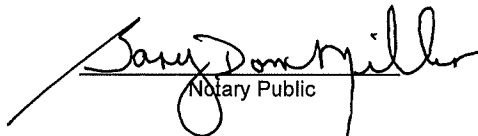
COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Mr. Mark D. Sartain, who is Vice President – Nuclear Engineering and Fleet Support, of Virginia Electric and Power Company. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 16th day of November, 2021.

My Commission Expires: August 31, 2023.

GARY DON MILLER
Notary Public
Commonwealth of Virginia
Reg. # 7629412
My Commission Expires August 31, 2023



Notary Public

Commitment contained in this letter:

Update the NAPS UFSAR to include the revised fuel melt safety limit and its technical basis as part of the implementation plan for the amendments approving the revised peak fuel centerline melt temperature limit.

cc: U.S. Nuclear Regulatory Commission - Region II
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Old Dominion Electric Cooperative
(Electronically Distributed)

NRC Senior Resident Inspector
North Anna Power Station