



December 21, 2021

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

Serial No.: 21-419
NRA/SS: R0
Docket Nos.: 50-423
License Nos.: NPF-49

DOMINION ENERGY NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3
LICENSE AMENDMENT REQUEST TO REVISE REACTOR CORE SAFETY LIMIT
SUPPLEMENTAL INFORMATION

By letter dated December 8, 2020, Dominion Energy Nuclear Connecticut, Inc. (DENC) submitted a license amendment request (LAR) for Millstone Power Station Unit 3 (MPS3), Facility Operating License Numbers NPF-49. The proposed change would revise the Technical Specification 2.1.1, "Safety Limit, Reactor Core," Safety Limit 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 Nuclear Regulatory Commission's (NRC) Senior Project Manager for MPS3, additional information is being provided herein regarding the implementation plan for the requested amendments following approval by the NRC. Specifically, the MPS3 Final Safety Analysis Report (FSAR), Sections 4.2.1.2, "Fuel Material", and 4.4.1.2, "Fuel Temperature Design Basis," 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 FSAR will be reviewed in its entirety and additional FSAR changes will be implemented, if required, to reflect the revised peak fuel centerline melt temperature limit.

If you have any questions or require additional information, please contact Mr. Shayan Sinha at (804) 273-4687.

Respectfully,

Gerald T. Bischof
Senior Vice President – Nuclear Operations and Fleet Performance

COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Mr. Gerald T. Bischof, who is Senior Vice President – Nuclear Operations and Fleet Performance, of Dominion Energy Nuclear Connecticut, Inc. 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 21st day of December, 2021.

My Commission Expires: Jan. 31, 2024

Kathryn Hill Barret
Notary Public
Commonwealth of Virginia
Reg. No. 7905256
My Commission Expires January 31, 2024

Commitment contained in this letter:

Update the MPS3 FSAR 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 I
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Richard V. Guzman
Senior Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 08 C2
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector
Millstone Power Station

Director, Radiation Division
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127