VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 14, 2021

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

Serial No.: 21-009
NRA/ENC: R0
Docket Nos.: 50-280/281
72-2/55
License Nos.: DPR-32/37
SNM-2501

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY VIRGINIA)
SURRY POWER STATION UNITS 1 AND 2
AND ASSOCIATED INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS
REVISION TO EMERGENCY PLAN REPORT OF CHANGE

Pursuant to 10 CFR 50.54(q)(5) and 10 CFR 72.44(f), a summary of the change analysis for Revision 6, effective December 15, 2020, to the Surry Power Station (SPS) Emergency Action Level (EAL) Matrix and Technical Basis Document is provided in the Attachment. The EAL Matrix is discussed in Section 4.2, "Emergency Classification System," of the Surry Emergency Plan. Incorporated by reference, the EAL Matrix tables and Technical Basis Documents are part of the Emergency Plan.

The revision incorporates changes that did not require prior NRC approval and do not implement actions that reduce the effectiveness of the SPS Emergency Plan. The Emergency Plan continues to meet the standards of 10 CFR 50.47(b) and Appendix E.

If you have any questions or require additional information, please contact Erica Combs at 804-273-3386.

Sincerely,

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

Commitments made by this letter: None

Attachments: Surry Power Station, Emergency Action Level Matrices and Technical Basis Document, Revision 6, 10 CFR 50.54(q) Summary

cc: Regional Administrator, Region II
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NRC Senior Resident Inspector
Surry Power Station

Serial No.: 21-009
Docket Nos.: 50-280/50-281
72-2/72-55

ATTACHMENT

Surry Power Station,
Emergency Action Level Matrices and Technical Basis Document,
Revision 6
10 CFR 50.54(q) Summary

Surry Power Station - Units 1 and 2
Surry Independent Spent Fuel Storage Installations
Virginia Electric and Power Company (Dominion Energy Virginia)

Surry Power Station Emergency Action Level Matrices and Technical Basis Document, Revision 6, 10 CFR 50.54(q) Summary

The Emergency Action Level (EAL) Matrix is discussed in Section 4.2, "Emergency Classification System," of the Surry Power Station Emergency Plan. Incorporated by reference, the EAL Matrix tables and Technical Basis Documents (TBDs) are part of the Emergency Plan. Revision 69 of the SPS Emergency Plan incorporated new EALs developed using the NRC endorsed guidance in NEI 99-01, Revision 6 [1].

Revision 6 of the SPS EAL Matrix corrects an administrative error in MS6.1. Specifically, a reference to Reactor Trip switches and breakers was added in error during printing:

> "An automatic or manual trip (Rx Trip Switches OR opening breakers 32B and 32N) did not shut down the reactor as indicated by reactor power ≥%5."

MS6.1 was revised to align with the approved language used in NEI 99-01, Revision 6:

> "An automatic or manual trip did not shut down the reactor as indicated by reactor power ≥%5."

This change was editorial in nature and does not reduce the effectiveness or the regulatory bases of the Emergency Plan.

The EAL TBD for Surry Power Station was updated from Revision 5 to Revision 6. The changes to the EAL TBD are editorial to align the revision number to the EAL Wallcharts and, therefore, continue to maintain the effectiveness of the SPS Emergency Plan.

REFERENCES

1. NEI 99-01, "Methodology for the Development of Emergency Action Levels for non-Passive Reactors," Revision 6, dated November 2012. (ADAMS Accession No. ML19305D248)