

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 15, 2021

10 CFR 50
10 CFR 51
10 CFR 54

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Serial No.: 21-318
NRA/SS: R0
Docket Nos.: 50-338/339
License Nos.: NPF-4/7

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION (NAPS) UNITS 1 AND 2
SUBSEQUENT LICENSE RENEWAL APPLICATION (SLRA)
RESPONSE TO NRC REQUEST FOR CONFIRMATION OF INFORMATION SET 2
SAFETY REVIEW

References:

1. Virginia Electric and Power Company (Dominion) letter to U. S. Nuclear Regulatory Commission (NRC), "North Anna Power Station, Units 1 and 2 - Application for Subsequent Renewed Operating Licenses," (ADAMS Package Accession No. ML20246G703), dated August 24, 2020 (Serial No. 20-115)
2. NRC Electronic mail to Dominion, "FINAL Request for Confirmation of Information Set 2 - North Anna SLRA Safety Review (EPID No. L-2020-SLR-0000)," (ADAMS Accession No. ML21256A033), dated September 13, 2021

In Reference 1, Virginia Electric and Power Company (Dominion) submitted the subsequent license renewal application (SLRA) for NAPS Units 1 and 2. In Reference 2, the NRC provided a request for confirmation of information (RCI) that the staff will likely use in the Safety Evaluation Report for the NAPS SLRA, but which has not been previously docketed. The NRC RCI and Dominion's confirmation of the RCI are provided in the enclosure.

If there are any questions regarding this submittal or if additional information is needed, please contact Mr. Paul Aitken at (804) 273-2818.

Sincerely,



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 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.

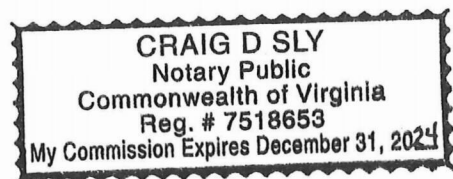
Acknowledged before me this 15th day of September, 2021.

My Commission Expires: 12/31/24


Notary Public

Commitments made in this letter: None

Enclosure: Response to NRC Request for Confirmation of Information Set 2 - NAPS
SLRA Safety Review



cc:

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Enclosure

**RESPONSE TO NRC REQUEST FOR CONFIRMATION OF INFORMATION
SET 2 - NAPS SLRA SAFETY REVIEW**

**Virginia Electric and Power Company
(Dominion Energy Virginia)
North Anna Power Station Units 1 and 2**

Response to NRC Request for Confirmation of Information Set 2
NAPS SLRA Safety Review

North Anna Power Station, Units 1 and 2
Subsequent License Renewal Application

By letter dated August 24, 2020, (Agencywide Documents Access and Management System Accession No. ML20246G703), Virginia Electric and Power Company (Dominion) submitted an application for subsequent license renewal of Renewed Facility Operating License Nos. NPF-4 and NPF-7 for the North Anna Power Station, Unit Nos. 1 and 2 (North Anna) to the U.S. Nuclear Regulatory Commission (NRC) pursuant to Section 103 of the Atomic Energy Act of 1954, as amended, and part 54 of title 10 of the Code of Federal Regulations, "Requirements for renewal of operating licenses for nuclear power plants."

The NRC is in the process of reviewing the application. Based on their review, the NRC staff identified a request for confirmation of information (RCI) which will likely be used in the Safety Evaluation Report (SER) for the NAPS SLRA, but which has not been previously docketed. To the best of the staff's knowledge, this information is not on the docket or accessible in the public domain. Any information used to reach a conclusion in the SER must be included on the docket by the applicant.

A meeting was held between the NRC staff and Dominion on August 27, 2021 and this RCI was generated as a result of that call.

Therefore, in an email dated September 13, 2021, the NRC staff transmitted their final RCI. The final NRC RCI and Dominion's confirmation of the RCI is provided below.

RCI No. 4.7.6-A:

Section 4.7.6 of the subsequent license renewal application (SLRA) describes the time limited aging analyses (TLAA) for the reactor coolant pump casing as related to the ASME Code Case N-481. The TLAA aspects of the analysis are the thermal aging of CASS and fatigue crack growth.

This section references WCAP-18503-P for the plant-specific loadings for the reactor coolant pump casing. The SLRA references Revision 1, of WCAP-18503, "Resolution of North Anna Power Station Units 1 & 2 Time-Limited Aging Analyses for Subsequent License Renewal," dated July 2020.

Revision 2 of WCAP-18503-P, (Proprietary), "Resolution of North Anna Power Station Units 1 & 2 Time-Limited Aging Analyses for Subsequent License Renewal," dated September 2021, was provided on the ePortal.

Confirm that Revision 2 of WCAP-18503-P supersedes Revision 1 and is the analysis of record for the SLRA.

Dominion Response:

This information has been confirmed to be correct as stated.