

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

~~PROPRIETARY INFORMATION - WITHHOLD UNDER 10 CFR 2.390~~

December 28, 2015

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

Serial No. 15-369G  
NLOS/TJS R0  
Docket No. 72-16  
License No. SNM-2507

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION INDEPENDENT SPENT FUEL STORAGE**  
**INSTALLATION**  
**PROPOSED TECHNICAL SPECIFICATION CHANGE REQUEST REGARDING**  
**STORAGE OF INCREASED MAXIMUM ENRICHMENT AND BURN-UP FUEL IN A**  
**MODIFIED TN-32B STORAGE CASK**  
**SUBMITTAL OF SUPPLEMENTAL INFORMATION (STRUCTURAL)**

On August 24, 2015, Virginia Electric and Power Company (Dominion) requested an amendment (NRC Accession No. ML15239B251) in the form of revisions to the Technical Specifications to License Number SNM-2507 for the North Anna Power Station (NAPS) Independent Spent Fuel Storage Installation (ISFSI). The proposed amendment would allow storage of spent fuel in a modified TN-32B bolted lid cask as part of the High Burn-up Dry Storage Cask Research and Development Project sponsored by the Department of Energy (DOE) and the Electric Power Research Institute (EPRI).

On December 08, 2015, NRC Senior Project Manager John Nguyen requested the items provided in Attachment 1 to this letter and referenced in the submittal discussed above. One of the items requested was the TN-32 Updated Final Safety Analysis Report, Revision 6, dated April 2014. This document was previously submitted to the NRC by AREVA/TN as an attachment to AREVA/TN letter E-37975 dated April 16, 2014. The AREVA/TN letter can be found on ADAMS (Accession Number ML14108AD25). Additionally, AREVA/TN document DI-19885-01 (Rev. 1), NAPS Units 1 & 2 ISFSI SAR, was also requested. This document was submitted previously to the NRC in a Dominion letter dated November 19, 2015 (Serial No. 15-369F). All information in Attachment 1 has been determined by AREVA/TN to be proprietary and an affidavit pursuant to 10 CFR 2.390 attesting to this determination is included in Attachment 2.

~~ATTACHMENT 1 CONTAINS INFORMATION THAT IS BEING WITHHELD~~  
~~FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON SEPARATION~~  
~~THIS PAGE IS DECONTROLLED.~~

NM5526

~~ATTACHMENT 1 CONTAINS INFORMATION THAT IS BEING WITHHELD FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON SEPARATION THIS PAGE IS DECONTROLLED.~~

~~PROPRIETARY INFORMATION WITHHOLD UNDER 10 CFR 2.390~~

cc: U.S. Nuclear Regulatory Commission (w/o attachment)  
Region II  
Marquis One Tower  
245 Peachtree Center Avenue, NE Suite 1200  
Atlanta, Georgia 30303-1257

NRC Senior Resident Inspector (w/o attachment)  
North Anna Power Station

Mr. John N. Nguyen (w/ attachment)  
Senior Project Manager  
U. S. Nuclear Regulatory Commission  
Two White Flint North  
Mail Stop T4B34  
11545 Rockville Pike  
Rockville, Maryland 20852-2738

Mr. J. E. Reasor, Jr. (w/o attachment)  
Old Dominion Electric Cooperative  
Innsbrook Corporate Center, Suite 300  
4201 Dominion Blvd.  
Glen Allen, Virginia 23060

State Health Commissioner (w/o attachment)  
Virginia Department of Health  
James Madison Building – 7<sup>th</sup> Floor  
109 Governor Street  
Room 730  
Richmond, Virginia 23219

~~ATTACHMENT 1 CONTAINS INFORMATION THAT IS BEING WITHHELD  
FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON SEPARATION  
THIS PAGE IS DECONTROLLED.~~

~~PROPRIETARY INFORMATION - WITHHOLD UNDER 10 CFR 2.390~~

## ATTACHMENT 1

### Requested Structural Information Related to HBU Cask:

- AREVA TN 19885-0101, Rev. 2, Design Criteria Document
- Calculation 19885-0202, Rev. 0
- Calculation 1049-6, Rev. 1
- Calculation 1049-25, Rev. 0
- Drawing 19885-30-1, Rev. 0
- Drawing 19885-30-2, Rev. 0
- Drawing 19885-30-3, Rev. 0
- Drawing 19885-30-4, Rev. 0\*
- Drawing 19885-30-8, Rev. 0

\*NOTE: The original NRC request asked for drawing 19885-30-5. This drawing number was originally reserved for lid modification details, but was never used. All lid modification details are found on drawing 19885-30-4, Rev. 0.

North Anna Power Station ISFSI

Virginia Electric and Power Company

~~ATTACHMENT 1 CONTAINS INFORMATION THAT IS BEING WITHHELD  
FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON SEPARATION  
THIS PAGE IS DECONTROLLED.~~

Serial No. 15-369G

Docket No. 72-16

~~PROPRIETARY INFORMATION WITHHOLD UNDER 10 CFR 2.390~~

**ATTACHMENT 2**

**AREVA / TN Affidavit**

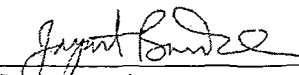
**North Anna Power Station ISFSI**

**Virginia Electric and Power Company**

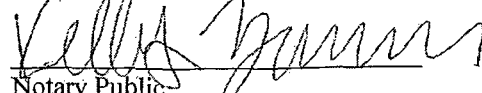
~~ATTACHMENT 1 CONTAINS INFORMATION THAT IS BEING WITHHELD  
FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON SEPARATION  
THIS PAGE IS DECONTROLLED.~~

Page 1 of 2

Further the deponent sayeth not.

  
Jayant Bondre  
Vice President, AREVA Inc.

Subscribed and sworn before me this 11th day of December, 2015.

  
Notary Public  
My Commission Expires   1  /  1  /      

