

Eugene S. Grecheck
Vice President
Nuclear Development

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June 28, 2010

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. NA3-10-011
Docket No. 52-017
COL/BCB

DOMINION VIRGINIA POWER
NORTH ANNA UNIT 3
COMBINED LICENSE APPLICATION – SUBMISSIONS 6 AND 7

This letter forwards Submissions 6 (SUNSI version) and 7 (public version) of the North Anna Combined License Application (COLA). The submissions include revisions to Part 1, General and Administrative Information, Part 2, Final Safety Analysis Report, Part 3, Environmental Report, Part 4, Technical Specifications, Part 5, Emergency Plan, Part 7, Departures Report, and Part 10, Tier 1/ITAAC. A new part, Part 11, Enclosures, has been added.

In parallel, revisions to Part 8, Security, are being submitted by two separate letters (Letter Serial Nos. NA3-10-006 and NA3-10-007) dated the same as this letter.

The submissions reflect Dominion's selection of Mitsubishi Heavy Industry's U.S. Advanced Pressurized Water Reactor (US-APWR) technology for North Anna Unit 3, as stated in Dominion's May 18, 2010 letter to NRC (Letter Serial No. NA3-10-010). The revised Part 2 also constitutes Dominion's update to the FSAR required by 10 CFR 50.71(e)(3)(iii). Other than FSAR changes required to comply with 10 CFR 50.71(e)(3)(iii) and the incorporation of certain commitments, Dominion has endeavored to limit COLA changes to those necessary to support the technology change. That objective was achieved by incorporating the US-APWR DCD, Revision 2 by reference and by maximizing standardization with the content of the US-APWR technology's Reference COLA, Revision 1, for Comanche Peak Units 3 and 4. Other changes include updates to financial and organizational information, updates to reflect a three-inch water level increase for Lake Anna, revised off-site receptor distances, a revised Quality Assurance Program Description, and updated Nuclear Energy Institute templates. A summary of the changes is provided in the form of a revision summary for each affected part.

Enclosure 1 consists of two DVDs containing Submission 6. Each is conspicuously marked with "Withhold from Public Disclosure under 10 CFR 2.390" because proprietary information is contained in Parts 1 and 3, and security-related sensitive information (SRI) is contained in Parts 2 and 3. The proprietary information in Parts 1 and 3 should be withheld from public disclosure in accordance with 10 CFR 2.390(a)(4). Affidavits providing the justification for treating the information as proprietary are provided as Enclosure 3. In

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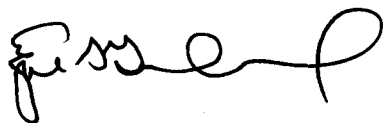
accordance with NRC Regulatory Issue Summary 2005-26, an affidavit to support withholding of SRI is not required.

A second set of DVDs containing Submission 7 is provided as Enclosure 2. These DVDs contain a public version of the COLA.

Dominion has performed the preflight checks and examined the PDF files contained on the DVDs to ensure conformance with NRC guidelines related to electronic submittals, *Guidance for Electronic Submissions to the NRC*, Revision 5, dated June 25, 2009. The results of the preflight checks are discussed in Enclosure 4.

Additional copies of the DVDs are available upon request. If you have any questions or require additional information, please contact Gina Borsh at 804-273-2247.

Very truly yours,



Eugene S. Grecheck

Enclosures:

1. North Anna 3 COLA Submission 6 DVDs – SUNSI Version
2. North Anna 3 COLA Submission 7 DVDs – Public Version
3. Applications for Withholding and Affidavits
4. Results of Preflight Checks for Electronic Submittals

Commitments made by this letter: None

cc: (distribution w/o enclosures except where noted with an *)
U. S. Nuclear Regulatory Commission, Region II *
C. P. Patel, NRC *
J. B. Jessie, NRC
T. S. Dozier, NRC *
J. T. Reece, NRC

COMMONWEALTH OF VIRGINIA

COUNTY OF HENRICO

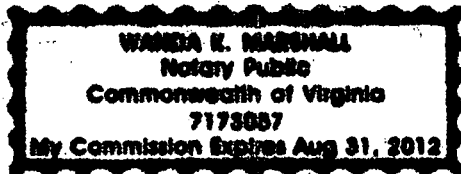
The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Eugene S. Grecheck, who is Vice President – Nuclear Development of Virginia Electric and Power Company (Dominion Virginia Power). He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of the Company, and that the revised FSAR and the revisions to the other parts of the COLA are true to the best of his knowledge and belief.

Acknowledged before me this 28th day of June, 2010

My registration number is 7173057 and my

Commission expires: August 31, 2012

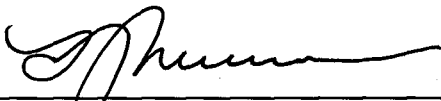
Wanda K. Marshall
Notary Public



COMMONWEALTH OF VIRGINIA

COUNTY OF HENRICO

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Lisa Johnson, who is Senior Vice President of Power Supply of Old Dominion Electric Cooperative (ODEC). She has affirmed before me that the statements regarding ODEC in Part 1 of the document are true to the best of her knowledge and belief.

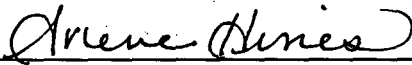


Lisa Johnson

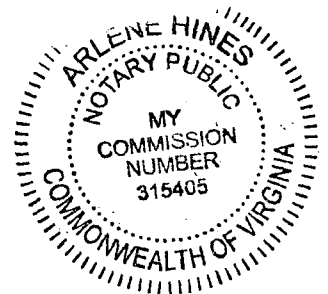
Acknowledged before me this 22nd day of June, 2010

My registration number is 315405 and my

Commission expires: 9/30/10



Notary Public



Enclosure 1
SUNSI Version

Two DVDs labeled
“North Anna 3 Combined License Application
Withhold from Public Disclosure Under 10 CFR 2.390”
NRC ADAMS Version
Submission 6; Vol. 1[2] June 2010

Enclosure 2
Public Version

Two DVDs labeled
“North Anna 3 Combined License Application”
NRC ADAMS Version
Submission 7; Vol. 1[2] June 2010

Enclosure 3


Applications for Withholding and Affidavits

Commonwealth of Virginia)
)
County of Henrico) ss.

10 CFR 2.390
AFFIDAVIT OF EUGENE S. GRECHECK

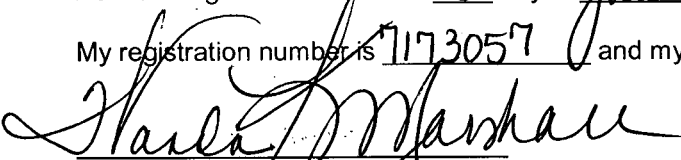
I, Eugene S. Grecheck, Vice President – Nuclear Development of Virginia Electric & Power Company, dba Dominion Virginia Power (Dominion), being duly sworn according to law, depose and state the following:

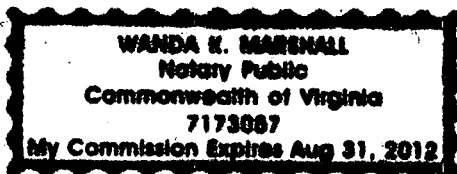
1. I am authorized to execute this affidavit on behalf of Dominion.
2. Jointly with Old Dominion Electric Cooperative, Dominion is submitting to the NRC a revision to the North Anna Unit 3 Combined License Application, designated as Dominion letter No. NA3-10-011. Enclosure 1 of Dominion letter No. NA3-10-011 (designated as Submission 6) contains certain proprietary financial information that should be held in confidence by the NRC pursuant to 10 CFR 9.17(a)(4) and 2.390(a)(4). The proprietary financial information is identified in the enclosure by bracketed text and marginal annotations. This information should be withheld from public disclosure because:
 - a. The information is and has been held in confidence by Dominion.
 - b. This information is of a type that is held in confidence by Dominion, and there is a rational basis for doing so because the information contains sensitive financial information concerning Dominion's estimated construction costs related to North Anna Unit 3.
 - c. This information is being transmitted to the NRC in confidence.
 - d. This information is not available in public sources and could not be gathered readily from other publicly available information.
 - e. Public disclosure of this information would create substantial harm to the competitive position of Dominion by disclosing confidential Dominion financial information associated with construction costs for North Anna Unit 3 to other parties whose commercial interests may be adverse to those of Dominion. The use of this confidential financial information by competitors would permit them to use the information developed by Dominion without the expenditure of similar resources, thus giving them a competitive advantage.
3. Accordingly, Dominion requests that the designated document be withheld from public disclosure pursuant to the policy reflected in 10 CFR 2.390(a)(4) and 9.17(a)(4).


Eugene S. Grecheck
Vice President - Nuclear Development

Acknowledged before me this 28th day of June, 2010

My registration number is 7173057 and my Commission expires: August 31, 2012


Notary Public

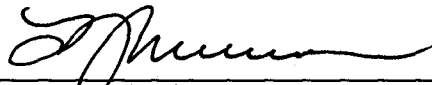


Commonwealth of Virginia)
)
County of Henrico) ss.

**10 CFR 2.390
AFFIDAVIT OF LISA JOHNSON**

I, Lisa Johnson, Senior Vice President of Power Supply of Old Dominion Electric Cooperative, being duly sworn according to law, depose and state the following:

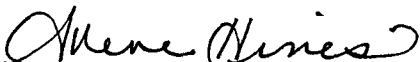
1. I am authorized to execute this affidavit on behalf of Old Dominion Electric Cooperative (ODEC).
2. Jointly with Virginia Electric and Power Company, ODEC is submitting to the NRC a revision to the North Anna Unit 3 Combined License Application, designated as Dominion letter No. NA3-10-011. Enclosure 1 of Dominion letter No. NA3-10-011 (designated as Submission 6) contains certain proprietary financial information that should be held in confidence by the NRC pursuant to 10 CFR 9.17(a)(4) and 2.390(a)(4). The proprietary financial information is identified in the enclosure by bracketed text and marginal annotations. This information should be withheld from public disclosure because:
 - a. The information is and has been held in confidence by ODEC.
 - b. This information is of a type that is held in confidence by ODEC, and there is a rational basis for doing so because the information contains sensitive financial information concerning ODEC's estimated construction costs related to North Anna Unit 3.
 - c. This information is being transmitted to the NRC in confidence.
 - d. This information is not available in public sources and could not be gathered readily from other publicly available information.
 - e. Public disclosure of this information would create substantial harm to the competitive position of ODEC by disclosing confidential ODEC financial information associated with construction costs for North Anna Unit 3 to other parties whose commercial interests may be adverse to those of ODEC. The use of this confidential financial information by competitors would permit them to use the information developed by ODEC without the expenditure of similar resources, thus giving them a competitive advantage.
3. Accordingly, ODEC requests that the designated document be withheld from public disclosure pursuant to the policy reflected in 10 CFR 2.390(a)(4) and 9.17(a)(4).



Lisa Johnson
Senior Vice President of Power Supply

Acknowledged before me this 22nd day of June, 2010

My registration number is 315405 and my Commission expires: 9/30/10



Notary Public



Enclosure 4

Results of Preflight Checks for Electronic Submittals

Dominion performed the preflight checks and examined the PDF files contained on the DVDs to ensure conformance with NRC guidelines related to electronic submittals, *Guidance for Electronic Submissions to the NRC*, Revision 6, dated May 17, 2010. The PDF files meet NRC criteria with the exceptions described below.

For electronic submittals, the NRC acceptance criterion for raster image minimum resolution in submission documents focuses on scanned documents and pictorial images, with an objective of precluding diminished document value from low quality images.

- COLA Part 1, Attachments A, C and D include figures that do not meet the minimum resolution criterion. These documents are federal regulatory filings and cannot be altered.
- The Fast Web View for COLA Part 1, Attachments B and D, is not enabled. These documents are federal regulatory filings and cannot be altered.
- COLA Part 3 Figures 5.8-2 and 5.8-3 are photographs (composite artist renderings) that portray the completed facility and as such, do not meet the minimum resolution criterion.
- COLA Part 5 Figures I-1 and II-5 were produced directly from original electronic artwork (not scanned) and are primarily vector graphics that include supporting graphic elements (to distinctly portray secondary roads) that do not meet the minimum resolution criterion. However, the practical effect of meeting the NRC guidelines for scanned images in this instance would result in an overall reduction in the quality of the figures.

Dominion requests that an exception be granted for these electronic submittals for the reasons stated above.