

September 15, 2015

Mr. Mark D. Mitchell  
Vice President – Generation Construction  
Virginia Electric and Power Company  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: NORTH ANNA POWER STATION, UNIT 3, COMBINED LICENSE  
APPLICATION - REVIEW SCHEDULE FOR REVISED APPLICATION

Dear Mr. Mitchell:

By letter dated November 26, 2007, (Agencywide Documents Access and Management System (ADAMS) Accession Number ML073320913), Dominion Virginia Power (Dominion) submitted its application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) to construct and operate a General Electric-Hitachi Economic Simplified Boiling-Water Reactor (ESBWR) at North Anna Power Station (North Anna), Unit 3 site pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants." By letter dated June 28, 2010, Dominion revised its application to incorporate by reference the Mitsubishi Heavy Industries', Ltd. (MHI's) United States - Advanced Pressurized Water Reactor (US-APWR) technology to construct and operate at the North Anna, Unit 3 site. The North Anna, Unit 3, COL application (COLA) review schedule for the application referencing the US-APWR was communicated to you in letter dated March 2, 2011.

By letter dated April 25, 2013, Dominion notified the NRC staff that it planned to revert back to ESBWR reactor technology for its North Anna Unit 3 COLA. Dominion then submitted a revised application that incorporated by reference the ESBWR Design Control Document (DCD), Revision 9 by letter dated December 18, 2013. The North Anna, Unit 3, COLA review schedule for the application referencing the ESBWR was communicated to you in letter dated April 7, 2014.

The NRC staff has revised its review schedule in the enclosure entitled, "North Anna Combined License Application Review Milestones." This revised review schedule is based on a Dominion seismic closure plan submitted on October 22, 2014 which outlined a revised approach to performing certain aspects of the seismic analysis for North Anna 3 COLA as well as use of the most current NRC approved ground motion model. This plan identified requests for additional information, seismic technical reports, and final safety evaluation report revisions to be submitted to the NRC through December of 2015. Since then the NRC staff has been reviewing all submitted materials as well as actively interacting with the Dominion staff on technical aspects of the North Anna 3 seismic re-analysis.

M. Mitchell

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The enclosed review schedule is contingent upon receipt of high quality reports and documentation with no new significant un-resolved issues by the dates listed in your seismic closure plan, submitted in or before December, 2015.

On January 22, 2015, the NRC notified Dominion that the agency was issuing a *Federal Register* (FR) Notice withdrawing its previously noticed intent to supplement the Supplemental Environmental Impact Statement (SEIS) for the COL review. This FR notice, published on January 29, 2015 (80 FR 4949), explained that a supplement to evaluate impacts from a different reactor design was no longer warranted given Dominion's decision to revert to the same design as referenced in the COL SEIS. As stated in the January 22, 2015 letter, the NRC has maintained awareness of and will continue to monitor for project changes or environmental factors that could be considered new and significant so as to warrant the preparation of a supplement to the COL SEIS under 10 CFR 51.92. Should significant new information or substantial changes relevant to environmental concerns be identified, the staff will at that point prepare a supplement to the COL SEIS to disclose the change in impacts from the new information and a new environmental review schedule will be developed. The staff's process for considering new and significant information and determining if a supplement to an Environmental Impact Statement is required is located in ADAMS as Accession No. ML13199A170.

Should you have any questions, please contact Mr. James Shea, Lead Project Manager for North Anna, Unit 3, COLA at (301)415-1388, or via e-mail at [James.Shea@nrc.gov](mailto:James.Shea@nrc.gov) or Ms. Tamsen Dozier, Environmental Project Manager at (301) 415-2272 or via e-mail at [Tamsen.Dozier@nrc.gov](mailto:Tamsen.Dozier@nrc.gov).

Sincerely,

**/RA/**

Frank Akstulewicz, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-017

Enclosure:  
As stated

cc w/encl: See next page

The enclosed review schedule is contingent upon receipt of high quality reports and documentation with no new significant un-resolved issues by the dates listed in your seismic closure plan, submitted in or before December, 2015.

On January 22, 2015, the NRC notified Dominion that the agency was issuing a *Federal Register* (FR) Notice withdrawing its previously noticed intent to supplement the Supplemental Environmental Impact Statement (SEIS) for the COL review. This FR notice, published on January 29, 2015 (80 FR 4949), explained that a supplement to evaluate impacts from a different reactor design was no longer warranted given Dominion's decision to revert to the same design as referenced in the COL SEIS. As stated in the January 22, 2015 letter, the NRC has maintained awareness of and will continue to monitor for project changes or environmental factors that could be considered new and significant so as to warrant the preparation of a supplement to the COL SEIS under 10 CFR 51.92. Should significant new information or substantial changes relevant to environmental concerns be identified, the staff will at that point prepare a supplement to the COL SEIS to disclose the change in impacts from the new information and a new environmental review schedule will be developed. The staff's process for considering new and significant information and determining if a supplement to an Environmental Impact Statement is required is located in ADAMS as Accession No. ML13199A170.

Should you have any questions, please contact Mr. James Shea, Lead Project Manager for North Anna, Unit 3, COLA at (301)415-1388, or via e-mail at [James.Shea@nrc.gov](mailto:James.Shea@nrc.gov) or Ms. Tamsen Dozier, Environmental Project Manager at (301) 415-2272 or via e-mail at [Tamsen.Dozier@nrc.gov](mailto:Tamsen.Dozier@nrc.gov).

Sincerely,  
**/RA/**  
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 Office of New Reactors

Docket No. 52-017

Enclosure: As stated

cc w/encl: See next page

ADAMS Accession No.: ML15013A499

NRO-002

<b>OFFICE</b>	DNRL/LB3: PM	DNRL/LB3: LA	DNRL/EPB:PM	DNRL/LB3: BC	DNRL/EPB:BC	NRO/DSEA: D
<b>NAME</b>	PBuckberg	SGreen	TDozier	RJenkins	JDixon-Herrity	SFlanders
<b>DATE</b>	2/10/2015	2/10/2015	2/10/2015	2/10/2015	2/10/2015	3/10/2015
<b>OFFICE</b>	NRO/DE: D	NRO/DSRA: D	OGC	NRO/DNRL: DD	NRO/DNRL: D	
<b>NAME</b>	JTappert	JMonninger	MCarpentier	MDelligatti	FAkstulewicz	
<b>DATE</b>	2/11/2015	2/11/2015	2/18/2015	8/24/15	9/15/15	

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Letter to M. Mitchell from F. Akstulewicz dated September 15, 2015

SUBJECT: NORTH ANNA POWER STATION, UNIT 3, COMBINED LICENSE  
APPLICATION - REVIEW SCHEDULE FOR REVISED APPLICATION

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JShea, NRO

## North Anna Combined License Application Review Milestones

### Safety Review:

<b>Task Description</b>	<b>Completion Date</b>
Phase 1 - Preliminary Safety Evaluation Report (PSER) and Requests for Additional Information	Completed August 2008
Phase 2 - SER with Open Items (OIs)	Completed July 2009
Phase 3 - Advisory Committee on Reactor Safeguards (ACRS) Review of SER with OIs	Completed November 2009
Phase 4 - Advanced SER with no OIs	October 2016
Phase 5 – ACRS Review of Advanced SER with no OIs	February 2017
Phase 6 – Final SER	April 2017

### Environmental Review:

<b>Task Description</b>	<b>Completion Date</b>
Draft Supplemental Environmental Impact Statement	August 2008
Final Supplemental Environmental Impact Statement	February 2010

Enclosure

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(Revised 02/18/2015)

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