

February 27, 2008

Mr. Eugene S. Grecheck  
Vice President - Nuclear Development  
Dominion  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION REVIEW SCHEDULE

Dear Mr. Grecheck:

By letter dated January 28, 2008, the U.S. Nuclear Regulatory Commission (NRC) informed you that the NRC had docketed the Dominion Virginia Power (Dominion) combined license application (COLA) for North Anna Unit 3 and that the staff intended to publish a schedule for the detailed technical review of the COLA within 30 days. This letter transmits that schedule.

The North Anna COLA review schedule encompasses both the environmental and safety comprehensive detailed technical reviews. The schedule is specific to the North Anna COLA and is based, in part, on the high degree of standardization with the economic simplified boiling water reactor (ESBWR) design and the overall high quality of the application. The environmental review incorporates, as applicable, consideration of the North Anna Early Site Permit and supports issuance of a final Environmental Impact Statement in December 2009. The safety review supports issuance of a Final Safety Evaluation Report in August 2010. Milestones for the phases of both the safety and the environmental reviews are provided in Table 1.

It should be noted that the North Anna COLA, pursuant to 10 CFR Part 52, incorporates by reference the ESBWR design, a design for which a design certification application has been docketed but not granted. Accordingly, the COLA review schedule is linked to the schedule for the staff's ongoing review of the ESBWR design certification application and a significant portion of the COLA schedule is dependent upon the design certification schedule. Therefore, changes in the schedule for the ESBWR design certification are likely to impact the schedule for the North Anna COLA review. In addition, the COLA review schedule is based, in part on the assumption that responses to the staff's requests for additional information will be submitted within 30 days of receipt for RAIs specific to North Anna and within 45 days of receipt for RAIs related to multiple COLAs referencing the ESBWR design. It is anticipated that responses to RAIs will be complete and provide information sufficient to resolve the staff's concerns.

Consistent with staff practice, the North Anna COLA schedule does not model the hearing process. The schedule for the mandatory hearing will be developed by the Commission or the Atomic Safety and Licensing Board and, therefore, is not included in Table 1.

The staff will review and re-baseline, if appropriate, the safety review schedule when the safety evaluation report with open items is issued (Phase 2). At this point, the staff will have improved information regarding achievable milestones based upon the number and complexity of the open items. Similarly, the staff will review and re-baseline, if appropriate, the environmental review schedule during the scoping period (Phase 1) when the staff acquires improved

E. Grecheck

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information regarding issues that may impact the schedule for issuance of the Draft Environmental Impact Statement.

It is the staff's intent to establish a predictable review schedule and a review process that supports identification and resolution of complex issues as early in the review as possible. To that end, the staff intends to interact with Dominion as the COLA review progresses to address schedule details and potential schedule refinements.

Should you have any questions regarding the schedule, please contact me at (301) 415-0224 or [TAK@nrc.gov](mailto:TAK@nrc.gov).

Sincerely,

*/RA/*

Thomas A. Kevern, Senior Project Manager  
ESBWR/ABWR Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-017

Enclosure:  
As stated

cc w/encl: See next page

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Table 1: North Anna COLA Review Schedule

<u>Phase of Safety Review</u>	<u>Target Completion Date</u>
P1 RAIs for all SER chapters	August 29, 2008
P2 SER with open items (OIs) for all chapters	April 20, 2009
P3 Advisory Committee on Reactor Safeguards (ACRS) review of SER with OIs	July 28, 2009
P4 SER with no OIs	March 2010
P5 ACRS review of Advanced SER with no OIs	July 2010
P6 Final SER issued	August 2010
<u>Phase of Environmental Review</u>	<u>Target Completion Date</u>
P1 Scoping	September 5, 2008
P2 Draft Environmental Impact Statement (DEIS)	December 2008
P3 Draft Environmental Impact Statement Comment Period	June 2009
P4 Final Environmental Impact Statement (FEIS)	December 2009

Enclosure

cc:

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