

September 24, 2015

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

SUBJECT: NUCLEAR REGULATORY COMMISSION PLAN FOR THE AUDIT OF NORTH ANNA UNIT 3, COMBINED LICENSE APPLICATION SITE-SPECIFIC SEISMIC DEMAND AND THE SUPPORTING SSI/SSSI ANALYSES (TAC NO. RP7614)

Dear Mr. Mitchell:

This letter documents the U.S. Nuclear Regulatory Commission (NRC) staff's plan to perform a regulatory audit of the site-specific seismic demand analyses for the Dominion Virginia Power (Dominion) combined license application (COLA) for North Anna 3, submitted by letter dated November 26, 2007, (Agencywide Documents Access and Management System (ADAMS) Accession Number ML073320913) as revised on April 25, 2013 (ADAMS Accession Number ML13120A016). In a subsequent letter dated October 22, 2014 (ADAMS Accession Number ML14297A199), Dominion outlined a revised approach to performing certain aspects of the seismic analyses for the North Anna 3 COLA and used the most current NRC approved ground motion model. This seismic closure plan (SCP) identified requests for additional information, seismic technical reports, and final safety evaluation report revisions to be submitted to the NRC through December of 2015 in support of the North Anna 3 COLA.

The audit planned for five days, starting on September 28, 2015, at the General Electric-Hitachi Offices in Wilmington, North Carolina will provide the NRC staff with a better understanding of the North Anna 3 site-specific seismic demand and the supporting seismic soil-structure interaction/structure-soil-structure interaction analyses and calculations used in support of the SCP. The audit is intended to support completion of the staff's review of the North Anna COLA Final Safety Evaluation Sections 3.7 and 3.8.

The enclosed audit plan outlines the process that will allow the NRC staff to evaluate the Dominion SCP by verifying in detail the design methods, calculations and results that will be provided as part of the North Anna Final Safety Analysis Report Chapter 3, "Design of Structures, Components, Equipment, and Systems."

M.Mitchell

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If you have any questions, please contact me at (301) 415-1388 or by e-mail at James.Shea@nrc.gov.

Sincerely,

/RA/

James J Shea, Project Manager
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-017

cc: See next page

M.Mitchell

-2-

If you have any questions, please contact me at (301) 415-1388 or by e-mail at James.Shea@nrc.gov.

Sincerely,

/RA/

James J Shea, Project Manager
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Office of New Reactors

Docket Nos. 52-017

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ADAMS Accession Nos.:
ML15264B119 (Package)
ML15264B120 (Letter)
ML15267A383 (Audit Plan)
ML15267A382 (Agenda)
ML15267A406 (Concurrence)

**via email*

NRO-002

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DATE	9/17/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015

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(Revised 02/18/2015)

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