

NorthAnnaRAIsPEm Resource

From: Patel, Chandu
Sent: Wednesday, January 18, 2012 1:52 PM
To: 'na3raidommailbox@dom.com'
Cc: NorthAnnaRAIsPEm Resource; Weisman, Robert; Graizer, Vladimir; Cook, Christopher; Takacs, Michael
Subject: RAI Letter No. 94, RAI 6220, FSAR Section 2.5.2, North Anna 3 COLA (52-017)
Attachments: RAI Letter 94 RAI 6220.doc

By letter dated November 26, 2007, Dominion Virginia Power (Dominion) submitted a Combined License Application for North Anna, Unit 3, pursuant to Title 10 of the *Code of Regulations*, Part 52. The U.S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this COLA.

The NRC staff has identified that additional information is needed to continue portions of the review and a Request for Additional Information (RAI), is enclosed. To support the review schedule, Dominion is requested to respond within 30 days of the date of this request. If the RAI response involves changes to the application documentation, Dominion is requested to include the associated revised documentation with the response.

Sincerely,
Chandu Patel
Lead Project Manager for NA3 COLA

Hearing Identifier: NorthAnna3_eRAI
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Subject: RAI Letter No. 94, RAI 6220, FSAR Section 2.5.2, North Anna 3 COLA (52-017)
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Tracking Status: None

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RAI Letter No. 94
1/18/2012
North Anna, Unit 3
Dominion
Docket No. 52-017
SRP Section: 02.05.02 - Vibratory Ground Motion
Application Section: 02.05.02

QUESTIONS for Geosciences and Geotechnical Engineering Branch 2 (RGS2)

Request for Additional Information No. 6220

02.05.02-5

On November 16, 2011, Dominion issued a Part 21 notification to the NRC stating that new data recorded at the North Anna Unit 1 containment structure base mat during the August 23, 2011, Mineral, Virginia earthquake demonstrated low-frequency exceedance of the safe-shutdown earthquake (SSE) established in the North Anna Early Site Permit (ESP) and the ground motion response spectra (GMRS) developed for the North Anna Unit 3 COLA. The letter states that site-specific Seismic Category I structures use design inputs presented in the ESP and that the recorded seismic response on August 23, 2011, exceeded the seismic design spectra presented in the ESP and COLA. You conclude by stating that "Dominion is assessing whether any changes should be made to the North Anna Unit 3 COLA."

As a supplement to RAI 02.05.02-4, issued November 1, 2011, provide a schedule for when the assessment discussed in the Part 21 notification will be completed and available for staff review. Please also describe how you will address the GMRS in the current COLA application in view of the recent earthquake data that exceed the GRMS, including your basis for your approach.