

PMNorthAnna3COLPEmails Resource

From: Patel, Chandu
Sent: Wednesday, April 02, 2014 3:57 PM
To: 'na3raidommailbox@dom.com' (na3raidommailbox@dom.com)
Cc: PMNorthAnna3COLPEmails Resource; Carpentier, Marcia; Weisman, Robert; Nolan, Ryan
Subject: RAI Letter 114, RAI 7471, FSAR Section 3.5.1.4, North Anna COLA
Attachments: RAI Letter 114 RAI_7471.docx

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_Public_EX
Email Number: 1152

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Subject: RAI Letter 114, RAI 7471, FSAR Section 3.5.1.4, North Anna COLA
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Options

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Request for Additional Information 114

Issue Date: 04/02/2014

Application Title: North Anna, Unit 3 - Docket Number 52-017

Operating Company: Dominion

Docket No. 52-017

Review Section: 03.05.01.04 - Missiles Generated by Tornadoes and Extreme Winds

Application Section: 3.5.1.4

QUESTIONS

03.05.01.04-1

GDC 4 requires, in part, structures, systems, and components (SSCs) important to safety shall be appropriately protected against the effects of missiles generated from extreme winds. North Anna 3 FSAR Revision 7, Section 3.5.1.4, states, "Potential missiles generated by the extreme hurricane wind are not considered to be more severe than the missiles generated by a tornado." RG 1.221, "Design-Basis Hurricane and Hurricane Missiles for Nuclear Power Plants" indicates, for North Anna 3 site-specific extreme wind speeds, certain hurricane missiles can be more severe than tornado missiles. The staff requests the applicant to revise FSAR Section 3.5.1.4 to include, in accordance with RG 1.221, appropriate design basis hurricane missile spectra and associated velocities.