

PMNorthAnna3COLPEmails Resource

From: Patel, Chandu
Sent: Tuesday, November 23, 2010 4:12 PM
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Cc: NorthAnna3COL Resource
Subject: Draft RAI 5227 for North Anna 3 COLA
Attachments: Draft RAI 5227.doc

Hi Ladies and Gentlemen,

Please see attached draft RAIs 5227 for SRP Section 2.4.3 regarding North Anna 3 application. Please let me know if you need a phone call to clarify the question. Otherwise, we will issue the RAI as final after November 29, 2010.

Chandu Patel

Hearing Identifier: NorthAnna3_Public_EX
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Request for Additional Information No. 5227 Revision 3

11/3/2010

North Anna, Unit 3

Dominion

Docket No. 52-017

SRP Section: 02.04.03 - Probable Maximum Flood (PMF) on Streams and Rivers

Application Section: 2.4.3 Probable Maximum Flood on Streams and Rivers

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04.03-***

RAI 2.4.3-1

In order to demonstrate compliance with the regulatory requirements described in NUREG 0800, SRP Section 2.4.3 Staff requests additional information. The FSAR revision 3 for the North Anna 3 COLA provides supplemental information to the SSAR Section 2.4.3 Probable Maximum Flood on Streams and Rivers. The supplemental information was provided because the normal pool elevation is proposed to be increased. The supplemental information discusses PMP and PMF analyses for the higher normal pool elevation and states that the analyses were made using the hydrologic model HEC-HMS. Staff requests submittal of the following for review:

1. Native HEC-HMS files with inputs and output results used to support the supplemental information provided in FSAR revision 3 Section 2.4.3.
2. Calculation packages that support the supplemental calculation in FSAR revision 3 Section 2.4.3.