PMNorthAnna3COLPEmails Resource

From: Harvey, Brad
Sent: Thursday, September 24, 2009 1:19 PM
To: Williamson, Alicia
Cc: Berkowitz, Carl M; Ramsdell, Van; A, Stoetzel, Gregory; Sandusky, Bill; Emch, Richard; Samaddar, Sujit; Lauron, Carolyn; NorthAnna3COL Resource; Dehmel, Jean-Claude
Subject: FW: Location of North Anna final SEIS w/markups on EARRTH

Alicia:

I have (I hope) reviewed the correct version of the SEIS this time and have the following meteorology/air quality (as well as health physics) comments to offer on the final SEIS:

1. Section 2.3, page 1/lines 19-21, and Section 7.2, page 1/lines 5-7, both state Spotsylvania County is designated as being in nonattainment for the 8-hour ozone standard. This statement appears to conflict with Section 2.3.2 of ESP EIS (NUREG-1811, Dec 2006) and 40CFR81.347 (Revised as of July 1, 2008) which state Spotsylvania County is classified as in attainment of the ozone standard.

2. Suggest that the sentences in Section 2.3, page 1/lines 31-36, be reworded as follows (see FSAR Section 2.3.5.1, page 2-135, as a reference; also see 4th comment below):

   A review by Dominion of the location of the nearest receptors, conducted as part of the annual Radiological Environmental Monitoring Program review, showed that the closest receptor was now a resident located 1.36 km (4453 ft) ~~1.20 km (3930 feet)~~ NW of the plant facility boundary. As a result, Dominion made the conservative assumption that one of each type of receptor ~~all sensitive receptors~~ (residence, vegetable garden, and meat animal) was assumed to be at 1.20 km (3930 ft) in each compass direction ~~were at this distance~~ and reanalyzed χ/Q and D/Q calculations with this assumption.

3. Should Section 5.2 be expanded to say that the Unit 3 cooling tower plume and deposition impacts are bounded by what was presented in the ESP EIS?

4. Suggest that the sentences in Section 5.9, page 1/line 34, page 2/lines 1-2, and page 3/lines 2-3 be reworded as follows:

   The distances to the MEI were based on the distances from the ~~The release point was the~~ plant facility boundary which was a circular area that encompassed the three stacks (see Figure 5-1). Dominion conservatively assumed that each receptor type (i.e., nearest resident, nearest meat animal, and nearest vegetable garden) was at ~~the location of the closest receptor. The closest receptor was the nearest residence located~~ 1.20 km (0.74 mi) in each compass direction ~~northwest of the proposed Unit 3~~ (Dominion 2008d).

5. Suggest that the sentence in Section 5.9, page 8/lines 3-5 be reworded as follows:

   Gaseous pathway doses to the MEIs were calculated for the proposed Unit 3 by Dominion using the GASPAR II computer program (Strenge et al. 1987) at the nearest site boundary and the bounding ~~nearest~~ receptor location.

Please let me know if you have any questions.

Brad
415-4118

From: Williamson, Alicia
Sent: Thursday, September 24, 2009 8:40 AM
To: Cook, Christopher; Cook, John; Dehmel, Jean-Claude; Dozier, Tamsen; Emch, Richard; Fuller, Edward; Garcia-Santos, Norma; Harvey, Brad; Hinson, Charles; Kugler, Andrew; Lee, Jay; Masnik, Michael; McBride, Mark; Mussatti, Daniel
Cc: Sandusky, William F III; Carpentier, Marcia; Weisman, Robert; See, Kenneth
Subject: Location of North Anna final SEIS w/markups on EARRTH

As I indicated a few days ago, the North Anna final SEIS is available on EARRTH. Feel free to talk with your PNNL counterpart about what type of changes were made and what if any additional changes you would like to see. Also, you can find the document at the following location: Site Documents/COL Sites/North Anna/18 FEIS Writing Meeting/**01 Pre-Writing_Meeting _Drafts**/**Document by Section**. Please be sure to look only at these folders.
Thanx
Alicia

Alicia Williamson
US NRC
Office of New Reactors
301-415-1878 office
301-415-5399 fax
alicia.williamson@nrc.gov

Hearing Identifier: NorthAnna3_Public_EX
Email Number: 802

Mail Envelope Properties (D841D501B2C4D244B75AB897F70C14949A65813C55)

Subject: FW: Location of North Anna final SEIS w/markups on EARRTH
Sent Date: 9/24/2009 1:18:41 PM
Received Date: 9/24/2009 1:18:44 PM
From: Harvey, Brad

Created By: Brad.Harvey@nrc.gov

Recipients:
"Berkowitz, Carl M" <Carl.Berkowitz@pnl.gov>
Tracking Status: None
"Ramsdell, Van" <van.ramsdell@pnl.gov>
Tracking Status: None
"A, Stoetzel, Gregory" <greg.stoetzel@pnl.gov>
Tracking Status: None
"Sandusky, Bill" <bill.sandusky@pnl.gov>
Tracking Status: None
"Emch, Richard" <Richard.Emch@nrc.gov>
Tracking Status: None
"Samaddar, Sujit" <Sujit.Samaddar@nrc.gov>
Tracking Status: None
"Lauron, Carolyn" <Carolyn.Lauron@nrc.gov>
Tracking Status: None
"NorthAnna3COL Resource" <NorthAnna3COL.Resource@nrc.gov>
Tracking Status: None
"Dehmel, Jean-Claude" <Jean-Claude.Dehmel@nrc.gov>
Tracking Status: None
"Williamson, Alicia" <Alicia.Williamson@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3686	9/24/2009 1:18:44 PM

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: