

## PMNorthAnna3COLPEmails Resource

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**From:** Jean-Claude Dehmel  
**Sent:** Wednesday, September 24, 2008 9:29 AM  
**To:** Andrea Johnson  
**Cc:** Timothy Frye; Charles Hinson; George Cicotte; Richard Emch; NorthAnna3COL Resource  
**Subject:** RE: Response to Request for Additional Information Letter No. 011

Andrea...

I have reviewed Dominion's response to CHPB RAI 12.02-2 in Letter NA3-08-063R and have the following observations:

1. CHPB generally concurs with the response to Staff RAI and proposed update of FSAR Section 12.2.2.4.4 and Table 12.2-203, with a request for the following clarifications:

a. Although the discussion on external radiation due to N-16 in the RAI response is deemed acceptable, the issue is not closed in the proposed revision of Table 12.2-203.

The proposed revision of Table 12.2-203 still does not identify turbine building skyshine as a contributing source of radiation for Unit 3 since the direct dose from NAPS 1 & 2 does not have this characteristic. It may be construed that the arbitrary addition of 1 mrem/yr (under revised footnote 2) would include dose contribution from turbine building skyshine when it does not. It is suggested that a new footnote be added for the annual total body dose entry of 1.9 mrem in Table 12.2-203 for Unit 3 stating that the total annual dose includes the negligible contribution from turbine building skyshine ( $<2.0 \times 10^{-04}$  mrem/yr) at the location of highest expected exposures at the EAB.

b. On p.12-8 of the proposed revision of FSAR Section 12.2.2.4.4, the text discusses the dose contribution from the ISFSI facility and states that the dose at the closest point on the EAB is expected to be about 1.7 mrem/yr based on 40 fully-loaded cask modules. This new information should be supported with a reference and note whether it is based on data for NAPS 1 & 2 or generic PWR/BWR plant data.

2. A new RAI will be uploaded in eRAI workflow for NA Unit 3 to address the above staff findings.

*Regards, Jean-Claude ...*

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**From:** Andrea Johnson  
**Sent:** Wednesday, August 06, 2008 10:49 AM  
**To:** Weijun Wang; Charles Hinson; Jean-Claude Dehmel  
**Cc:** Rebecca Karas; Timothy Frye  
**Subject:** FW: Response to Request for Additional Information Letter No. 011  
**Importance:** High

Attached please find Dominion's responses to RAIs in your respective Chapters. Please let me know if this response is acceptable or more information is required. Thank you.

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**From:** Wanda.K.Marshall@dom.com [mailto:Wanda.K.Marshall@dom.com]  
**Sent:** Monday, August 04, 2008 6:19 PM  
**Cc:** Thomas Kevern; NRC.North.Anna@dom.com; JDebiec@odec.com; gzinke@entergy.com; twilli2@entergy.com; rick.kingston@ge.com; kenneth.ainger@exeloncorp.com; smithpw@dteenergy.com; Andrea Johnson; Chandu Patel; Bruce Baval; Tom Tai; Dennis Galvin; Michael Eudy; Rocky Foster; Leslie Perkins; Mark Tonacci; Jerry Hale  
**Subject:** Response to Request for Additional Information Letter No. 011  
**Importance:** High

cc list:

Please see attached.

**Wanda K. Marshall**

Administrative Assistant III  
Dominion Resources Services  
COL Project Team  
[wanda.k.marshall@dom.com](mailto:wanda.k.marshall@dom.com)

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**From:** Jean-Claude Dehmel

**Created By:** Jean-Claude.Dehmel@nrc.gov

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