NorthAnnaRAIsPEm Resource

From: Buckberg, Perry
Sent: Monday, December 01, 2014 10:35 AM
To: 'na3raidommailbox@dom.com' (na3raidommailbox@dom.com) (na3raidommailbox@dom.com)
Cc: NorthAnnaRAIsPEm Resource; Chien, Nan; McKirgan, John
Subject: Draft North Anna 3 RAI - 06.04 - Control Room Habitability System
Attachments: Draft RAI_7745 11-26-14.docx

Hello,

Please see attached draft RAI 7745 related to control room habitability for the North Anna 3 COLA.
Please let me know if you need clarification on this draft by CoB Wednesday.

Thanks,

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From: Buckberg, Perry

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DRAFT Request for Additional Information - 7745

Issue Date: 12/1/2014
Application Title: North Anna, Unit 3 - Docket Number 52-017
Operating Company: Dominion
Docket No. 52-017
Review Section: 06.04 - Control Room Habitability System
Application Section: 6.4

QUESTION:

According to the applicant's chemical hazards analyses, when meteorological stability class F was selected, only a night time temperature of 71.5 F was used. During a public meeting held on October 30, 2014, the applicant explained that a temperature of 91.5 F, was not realistic to coexist with meteorological stability class F.

RG 1.78, Section C, 3.3, states, “Irrespective of the dispersion model or the analysis tool used, the value of the atmospheric dilution factor between the release point and the control room that is used in the analysis should be that value that is exceeded only 5% of the time.”

Staff requests a clarification on whether the analysis relied upon by the applicant (as discussed in the first paragraph of this RAI) employs the RG 1.78, Section C, 3.3 provisions (quoted in the second paragraph of this RAI). Please provide technical basis and justification to support the explanation.