PMNorthAnna3COLPEmails Resource

From: Andrea Johnson
Sent: Thursday, September 25, 2008 12:44 PM
To: Brad Harvey
Cc: Charles Cox; NorthAnna3COL Resource
Subject: RE: RAI 1264 is assigned to you for review

nope, I'll take it from here, and send you a copy of the official letter when it goes out.

From: Brad Harvey
Sent: Thursday, September 25, 2008 11:56 AM
To: Andrea Johnson
Cc: Charles Cox; NorthAnna3COL Resource
Subject: RE: RAI 1264 is assigned to you for review

I've made the change. Since this RAI is already in the work flow process, is there anything else I need to do?

From: Andrea Johnson
Sent: Thursday, September 25, 2008 10:44 AM
To: Brad Harvey
Cc: Charles Cox; NorthAnna3COL Resource
Subject: RE: RAI 1264 is assigned to you for review

Brad, please go ahead and make this revision in eRAI and I will send it thru for OGC concurrence. Don't want to hold this up any longer. We can always have a telcon with applicant while OGC is reviewing if Tom chooses to. tx

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From: Andrea Johnson
Sent: Monday, September 22, 2008 5:16 PM
To: Brad Harvey
Cc: Charles Cox; Thomas Kevern; NorthAnna3COL Resource
Subject: RE: RAI 1264 is assigned to you for review

I believe so. Tom when should we plan to discuss with Dominion in a telcon?

From: Brad Harvey
Sent: Friday, September 19, 2008 4:19 PM
To: Andrea Johnson
Cc: Charles Cox; Thomas Kevern; NorthAnna3COL Resource
Subject: RE: RAI 1264 is assigned to you for review

Andrea:

Do you think the following revision addresses Tom's concern?

> RAI 02.03.01-4: This question is related to the applicant's response to RAI 02.03.01-2.
>
> The response to RAI 02.03.01-2 states that a 100-year coincident wet bulb temperature of 76 °F was derived by plotting Richmond dry-bulb temperatures with their maximum observed coincident wet-bulb temperatures and extrapolating the resulting curve to 109 °F (the 100-year return period maximum dry bulb temperature). The resulting 76°F concurrent wet bulb value does not appear to be conservative. Justify why the concurrent wet bulb value should not be a higher value, such as 78°F.

The CD-ROM accompanying Chapter 28 to the 2005 ASHRAE Handbook – Fundamentals provides a joint frequency matrix of Richmond, VA dry bulb (DB) temperatures and mean coincident wet bulb (MCWB) temperatures for the period 1972-2001. A plot of the upper end for this joint frequency matrix is attached. A linear trend line through the last five data points in this joint frequency matrix extrapolated out to a DB temperature of 109 °F projects a MCWB temperature of 77.8°F. A DB/MCWB combination of 109°F/76°F is also inconsistent with 0.4% and 0% exceedance DB/MCWB combinations of 95°F/77°F and 104.9°F/79°F presented in North Anna ESPA SSAR Table 2.3-18.

Brad
415-4118

From: Andrea Johnson
Sent: Friday, September 19, 2008 3:24 PM
To: Brad Harvey
Subject: FW: RAI 1264 is assigned to you for review

Brad see Toms thoughts below. Can we be more specific in the RAI?

From: Thomas Kevern
Sent: Friday, September 19, 2008 1:48 PM
To: Andrea Johnson
Subject: RE: RAI 1264 is assigned to you for review

Andrea:

Supp RAI provides interesting discussion - but neglects to identify what we want - the simple statement that "X" temperature does not appear to be conservative is not sufficient. Please modify RAI to identify specific question for applicant to answer - or identify what we need.

Then … I would appreciate a telecon to identify the "good news" re resolution of other RAIs - and the succinct issue remaining to be resolved by this supplemental RAI.

Tom

From: Andrea Johnson
Sent: Friday, September 19, 2008 11:59 AM
To: Thomas Kevern
Subject: RE: RAI 1264 is assigned to you for review

Tom this is Brads supplemental. I will forward to OGC but did you want to have a telcon too?

From: Sharepoint_Help@nrc.gov [mailto:Sharepoint_Help@nrc.gov]
Sent: Friday, September 19, 2008 11:03 AM
To: Andrea Johnson
Cc: Thomas Kevern
Subject: RAI 1264 is assigned to you for review

Dear Andrea Johnson,

RAI 1264 has been assigned to you for Chapter PM review by Charles Cox.

Please use the hyperlink above to access the Electronic RAI system to concur on the RAI questions.

Thank you

Hearing Identifier: NorthAnna3_Public_EX
Email Number: 397

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5EAA2DA9885C)

Subject: RE: RAI 1264 is assigned to you for review
Sent Date: 9/25/2008 12:44:04 PM
Received Date: 9/25/2008 12:44:06 PM
From: Andrea Johnson

Created By: Andrea.Johnson@nrc.gov

Recipients:
"Charles Cox" <Charles.Cox@nrc.gov>
Tracking Status: None
"NorthAnna3COL Resource" <NorthAnna3COL.Resource@nrc.gov>
Tracking Status: None
"Brad Harvey" <Brad.Harvey@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	4262	9/25/2008 12:44:06 PM

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