

From: Doyle, Daniel
Sent: Wednesday, October 21, 2015 11:18 AM
To: 'Mark Leyse'
Cc: CHAIRMAN Resource; CMRSVINICKI Resource; CMROSTENDORFF Resource; CMRBARAN Resource; 'bobleuse@aol.com'; 'shadis@prexar.com'; Burnell, Scott; Bladey, Cindy; DeJesus, Anthony; Inverso, Tara; 'Dave Lochbaum'; 'Ed Lyman'
Subject: Re: Re: Status of PRM-50-93/95

Mr. Leyse,

I am unable to provide a detailed response to your questions about the TRACE computer code simulation discussed in the draft interim review because the NRC has not completed its evaluation. Your email and this response will be added to ADAMS. In addition, when finalizing its evaluation, the NRC will consider whether the discussion of the simulation should be clarified.

Dan Doyle

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From: Mark Leyse [<mailto:markleyse@gmail.com>]
Sent: Friday, October 16, 2015 11:46 AM
To: Doyle, Daniel
Cc: CMRSVINICKI Resource; CMROSTENDORFF Resource; CMRBARAN Resource; bobleuse@aol.com; shadis@prexar.com; Burnell, Scott; Bladey, Cindy; DeJesus, Anthony; Inverso, Tara; Dave Lochbaum; Ed Lyman
Subject: [External_Sender] Re: Re: Status of PRM-50-93/95

Dear Mr. Doyle:

Thank you for your response and for placing my e-mail in ADAMS.

I have two simple questions about the TRACE simulation of FLECHT Run 9573. The questions are just to clarify work the NRC has *already completed* in its draft interim review.

As stated in the draft interim review, the TRACE simulation had results for cladding temperatures at five different elevations of the test bundle, at 18 seconds. For example, the TRACE simulation using Baker-Just predicted that the cladding temperature would be 1598.4 K at the six foot elevation.

First) Were the TRACE results the peak cladding temperature (PCT) at each of the five different elevations?

Second) Was the value of 1598.4 K that TRACE predicted (using Baker-Just) the PCT at the six foot elevation?

Thank you,

Mark Leyse

P.S. As previously stated, the TRACE simulation is discussed in the "Draft Interim Review" in ADAMS at ML12265A277.

I figure that the TRACE results are the predicted PCT at each of the five different elevations. But I would just like to have that confirmed.