From: Richard Lobel
To: Jervey, Richard
Date: 11/21/2007 10:18:41 AM
Subject: Re: fwd> alternate GOTHIC methodology SER comment

I suggest you put their e-mail into ADAMS. Their comment doesn't affect our approval.

>>> Richard Jervey 11/21/2007 8:27 AM >>>
Rich,

A comment from Dominion regarding the containment liner as included in the SE.

It sounds as if it is more conservative by not including the containment liner, in which case I have no concern...

>>> < Tom.Shaub@dom.com > 11/20/2007 9:50 AM >>>

Rick,

Dominion's concern is including metal containment liner in the examples of superheated thermal conductors. We did not credit the liner in our analysis.

One of the underlying assumptions of the licensee's proposal is that the physical phenomenon of
evaporation from a Superheated thermal conductor (e.g., the metal containment liner, metal floor
gratings, etc. whose temperatures are greater than the saturation temperature at the total
containment pressure) can be treated as equivalent to a pool surface. The surfaces of the metal
conductors are both horizontal and vertical end the water film on vertical surfaces would be
relatively thin. In addition, there may not be complete coverage, especially on the vertical surfaces
in the calculation.

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CC: Dennig, Robert; Sallman, Ahsan

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Subject: Re: fwd> alternate GOTHIC methodology SER comment
Creation Date 11/21/2007 10:18:36 AM
From: Richard Lobel

Created By: RML@nrc.gov

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