PMSTPCOL PEmails

From: Tai, Tom
Sent: Tuesday, July 26, 2011 9:55 AM
To: Price, John E
Cc: STPCOL; Wunder, George
Subject: STP - July 27 Telecon on 3.9.2

John,

For Chapter 3.9.2 discussion in the morning session, I have the following additional item from Dr David Ma in his review of WCAP 17385:

Section 5.5.5.2 of WCAP-17385-P, Rev. 2.

The stress ratio of the dryer is calculated as:

Stress ratio = 9.95/ ((2.996**2 + (4.216 x 2)**2)**0.5) = 1.11

In the above calculation, the stress component due to the MSL-induced acoustic (i.e., 4.216 ksi) is multiplied by a factor of 2 to account for the end-to-end uncertainty and bias in the analyses. However, the uncertainty and bias is not considered for the stress intensities induced by the non-MSL acoustic (i.e., 2.996 ksi).

Please provide justification for not considering any end-to-end uncertainty and bias for the non-MSL induced acoustic stresses in the skirt and drain channels.

Regards

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Recipients:
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"Wunder, George" <George.Wunder@nrc.gov>
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