

**From:** [Chappell, Coley](#)  
**To:** [Singal, Balwant](#)  
**Cc:** [Paul, Jamie](#)  
**Subject:** STP 1&2 CHLE 017 test protocol discussion  
**Date:** Monday, April 08, 2013 11:54:50 AM  
**Attachments:** [Risk-Informed Chemical Effects Modules \(Rev 0\).pdf](#)  
[CHLE 017 - Tests to Assess Chemical Precipitate Formation Rev 5.pdf](#)

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Balwant,

STP requests a telecon with NRC staff to discuss a revision to the Corrosion/Head Loss Experiment (CHLE) Program based on the attached document no. CHLE-017, testing protocol to assess chemical precipitate formation. Also attached is a discussion to provide background for how this testing fits into the overall chemical effects testing scheme.

The CHLE-017 revision adds a set of confirmatory experiments that use both NEI-processed and blender-processed debris beds. This is intended to address NRC staff concerns with the use of NEI-processed beds rather than blender-processed beds, which have exhibited a much greater sensitivity (and also much greater variability) to the presence of particulates. The test results are expected to confirm STP's previous conclusions based use of the NEI-processed beds, and also improve understanding of the margin provided by STP's use of a conservative factor to account for uncertainties due to (1) use of the NUREG-6224 correlation and (2) chemical effects. STP seeks feedback regarding the adequacy of the revised testing plan to address the staff's concerns.

If there are any questions, please contact me or Jamie Paul.

Regards,  
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