

HLWYM HEmails

From: Sitakanta Mohanty
Sent: Tuesday, July 18, 2006 5:56 PM
To: Lietai Yang; 'vjain@cnwra.swri.edu'; Yi-Ming Pan; Roberto Pabalan; Xihua He; Osvaldo Pensado; 'Darrell Dunn'
Cc: Budhi Sagar
Subject: RE: Outline of Presentation to NWTRB

Lietai,

On your last paragraph, yes, I recall Tae making that point at the last NWTRB meeting.

Are short-term data showing reproducibility? One-time experiment with multiple specimens may not address the reproducibility issue.

-Sitakanta

-----Original Message-----

From: Lietai Yang [mailto:ltyang@cnwra.swri.edu]
Sent: Tuesday, July 18, 2006 4:43 PM
To: vjain@cnwra.swri.edu; 'Yiming Pan'; 'Roberto Pabalan'; 'Xihua He'; 'Osvaldo Pensado'; 'Darrell Dunn'
Cc: 'Sitakanta Mohanty'; 'Budhi Sagar'
Subject: RE: Outline of Presentation to NWTRB

I have problems in reproducing the chemistry data, which may not be related to the corrosion rate data.

The new corrosion rate test will not be finished in another 2 months. We will not have the new data in time. However, the new corrosion rate data are mainly for the verification of the time effect.

The corrosion rate data we have obtained were from multiple specimens. They should be good data, except the time was shorter than DOE data. But the difference is not that much (our time was 1 to 3 months and DOE time was 4 months). I think we should present the short term data and let people know that we do have longer-term test on going to verify the preliminary data.

In addition, we have got the corrosion potential data in our test. The corrosion potential data were obtained with several specimens too. They are about 600 mV lower than DOE data. These results would also be important to the project.

During the NWTRB meeting last November, there was a question on why DOE conducted their tests under autoclave conditions or deaerated conditions. Our tests were conducted in a system that was not deaerated, which is more realistic for the drift condition.

-Lietai

-----Original Message-----

From: Vijay Jain [mailto:vjain@cnwra.swri.edu]
Sent: Tuesday, July 18, 2006 3:26 PM
To: 'Yiming Pan'; 'Roberto Pabalan'; 'Xihua He'; 'Lietai Yang'; 'Osvaldo Pensado'; 'Darrell Dunn'
Cc: 'Sitakanta Mohanty'; 'Budhi Sagar'
Subject: RE: Outline of Presentation to NWTRB

Did Lietai able to reproduce the results? We should be very careful how we present these results.

VJ

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-----Original Message-----

From: Yiming Pan [mailto:ypan@cnwra.swri.edu]
Sent: Tuesday, July 18, 2006 3:24 PM
To: Roberto Pabalan; Xihua He; Lietai Yang; Osvaldo Pensado; 'Darrell Dunn'
Cc: Vijay Jain; Sitakanta Mohanty; Budhi Sagar
Subject: Outline of Presentation to NWTRB

All,

If you have any suggestions about the outline Tae prepared for the upcoming NWTRB meeting on localized corrosion (see attached), please let me know by this Thursday. I plan to provide our collected feedback to Tae and Dennis during my visit to NRC and Joseph Oat (waste package annealing operations) next week.

By the way, I suggested Tae to include another presentation on corrosion of Alloy 22 by brine from deliquescent salts based on the work by Lietai and documented in CNWRA 2006-02.

Thanks,
Yiming

Hearing Identifier: HLW_YuccaMountain_Hold_EX
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Subject: RE: Outline of Presentation to NWTRB
Sent Date: 7/18/2006 5:56:02 PM
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