

HLWYM HEmails

From: Lietai Yang
Sent: Friday, January 19, 2007 10:07 AM
To: Roberto Pabalan; Miriam Juckett
Subject: RE: Reminder: 1st ISI Seminar, January 19, 2:00 pm A237

The original test with the KCl-NaCl-NaNO₃ system showed low pH and high ratio of NO₃ to Cl in the vapor phase. However, the later tests in a vessel that had a better mechanism to minimize the carry over of the solid/liquid salt showed large variations in the pH. It was suspected that the mechanism that was designed to minimize the carry-over substantially cooled the vapor phase and that may have caused the condensation of the acid. Subsequently more test were carried out with the cooler section being heated. We are waiting for the results.

Thanks

-Lietai

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

From: Bobby Pabalan [mailto:rpabalan@cnwra.swri.edu]
Sent: Thursday, January 18, 2007 5:11 PM
To: mjuckett@cnwra.swri.edu; 'Lietai Yang'
Subject: RE: Reminder: 1st ISI Seminar, January 19, 2:00 pm A237

StreamAnalyzer 2.0 was used to calculate DRH of singles salts NaCl, KCl, NH₄Cl, KNO₃, NaNO₃, Ca(NO₃)₂, CaCl₂, MgCl₂, Na₂SO₄, K₂SO₄, and MgSO₄, and of mixtures in the system Na/K/Cl/NO₃ from 20 to 180 Celsius. Results were compared with available experimental data.

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

From: Miriam Juckett [mailto:mjuckett@cnwra.swri.edu]
Sent: Thursday, January 18, 2007 4:29 PM
To: 'Lietai Yang'; Roberto Pabalan
Subject: FW: Reminder: 1st ISI Seminar, January 19, 2:00 pm A237

Lietai and Bobby-

Would you mind each giving me a short blurb to include in my presentation for tomorrow about your deliquescence related work that is either recently accomplished or ongoing?

Thanks-
Miriam

Miriam Juckett, Research Scientist
Southwest Research Institute
Center for Nuclear Waste Regulatory Analyses
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-----Original Message-----

From: English Pearcy [mailto:epearcy@cnwra.swri.edu]
Sent: Thursday, January 18, 2007 4:24 PM
To: epearcy@cnwra.swri.edu; 'Bradley Werling'; 'Miriam Juckett'; 'James Prikryl'; 'Roberto Pabalan'; 'James Myers'; 'David Pickett'; 'Paul Bertetti'; 'Jude McMurry'; Lietai Yang; Xihua He
Subject: Reminder: 1st ISI Seminar, January 19, 2:00 pm A237

All:

This is a reminder of our meeting tomorrow afternoon.

English

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

From: English Percy [mailto:epearcy@cnwra.swri.edu]

Sent: Friday, January 05, 2007 3:13 PM

To: epearcy@cnwra.swri.edu; Bradley Werling; Miriam Juckett; James Prikryl; Roberto Pabalan; James Myers; David Pickett; Paul Bertetti; Jude McMurry

Subject: 1st ISI Seminar

All:

We will have our first ISI Seminar on January 19th at 2:00 pm in room A237.

Our discussion leader will be Miriam Juckett. The topic will be deliquescence. The scope of the discussion will include:

- Technical overview of the topic
- FEPs that are important to the topic
- Risk significance of the topic
- Significant uncertainties
- How it fits with other topics, other ISIs, other TPA abstractions...
- What the DOE is doing/changing [experiments, process modeling, TSPA abstractions]
- What NRC/CNWRA is doing [experiments, process modeling, TPA abstractions]
- What else we should be doing [if anything]

And such.

My original email on this subject is repeated below. The next seminar will be led by Jim Prikryl (topic and date TBD).

Please plan to participate.

English

Hearing Identifier: HLW_YuccaMountain_Hold_EX
Email Number: 1490

Mail Envelope Properties (062a01c73bdb\$6d6ac960\$3bc8a281)

Subject: RE: Reminder: 1st ISI Seminar, January 19, 2:00 pm A237
Sent Date: 1/19/2007 10:06:41 AM
Received Date: 1/19/2007 10:06:42 AM
From: Lietai Yang

Created By: ltyang@cnwra.swri.edu

Recipients:
"Roberto Pabalan" <rpabalan@cnwra.swri.edu>
Tracking Status: None
"Miriam Juckett" <mjuckett@cnwra.swri.edu>
Tracking Status: None

Post Office: cnwra.swri.edu

Files	Size	Date & Time
MESSAGE	3442	1/19/2007 10:06:42 AM

Options
Priority: Standard
Return Notification: Yes
Reply Requested: Yes
Sensitivity: Normal
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