

HLWYM HEmails

From: Yi-Ming Pan
Sent: Monday, January 16, 2006 3:05 PM
To: vjain@cnwra.swri.edu
Subject: RE: FYI

My initial assessment is that the work on "Corrosion evaluation of Alloy 22 in salt mixtures containing inhibitors at elevated temperatures" and "Long-term integrated environmental effect experiments of waste package materials (or Integrated tests)" would not be needed for a below-boiling design.

Yiming

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

From: Vijay Jain [mailto:vjain@cnwra.swri.edu]
Sent: Monday, January 16, 2006 10:19 AM
To: Yi-Ming Pan
Subject: FW: FYI

Yi-Ming

I would need your response asap. See Budhi's comment below.
Also, I would need plan for hiring summer students.
Vijay

Vijay Jain

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

From: James Winterle [mailto:jwinterle@cnwra.swri.edu]
Sent: Monday, January 16, 2006 10:04 AM
To: bsagar@cnwra.swri.edu; epearcy@swri.edu; 'Vijay Jain'; achowdhury@swri.edu; jstam@cnwra.swri.edu; gwittmeyer@swri.org
Cc: 'Sitakanta Mohanty'
Subject: RE: FYI

A below-boiling design could potentially allow simplification of certain TPA code abstractions. Other than that, there is no work in the PA group that would change if a below-boiling design were selected.

--Jim

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

From: Budhi Sagar [mailto:bsagar@cnwra.swri.edu]
Sent: Friday, January 13, 2006 10:23 AM
To: epearcy@swri.edu; 'Vijay Jain'; achowdhury@swri.edu; jstam@cnwra.swri.edu; jwinterle@cnwra.swri.edu; gwittmeyer@swri.org
Cc: 'Sitakanta Mohanty'
Subject: FW: FYI

All,

Please see the email from Bill Reamer below. This is about a question that Commissioner McGaffigan asked Dr. Ruth Weiner during Ruth's presentation to the Commission. Bill thinks that the same question may come up during the NRC staff presentation to the Commission on February 14. So, he wants to know what our answer will be.

The question is, what work is the CNWRA doing (or plans to do) that would not need to be done if the repository design was for "below boiling" temperature. I have rephrased the question.

As examples that come to my mind are the studies related to deliquescence at high temperatures and the recent study on preferential decomposition of nitrates (in contrast to breakdown of chlorides). I may be wrong on these examples. A counter example is the corrosion behavior of C-22 at high temperature in the weld areas because welding will be required irrespective whether the repository design is above or below boiling temperatures.

Please provide me your thoughts on this topic so I can provide feed back to Bill. I expect this to take very little of your time. In other words, I expect it not to become a major project.

Could

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

From: C.W. (Bill) Reamer [mailto:CBR@nrc.gov]

Sent: Friday, January 13, 2006 8:06 AM

To: bsagar@cnwra.swri.edu

Cc: pmackin@cnwra.swri.edu; wpatrick@cnwra.swri.edu; Deborah DeMarco;

Lawrence Kokajko

Subject: FYI

Budhi, at Wednesday's Commission briefing by the ACNW, Ruth Weiner's slide on container life and source term (see below link) prompted Commissioner McGaffigan to ask whether the Center's work is in any way dependent on whether the repository was operating at above or below boiling. She said "no."

http://www.nrc.gov/reading-rm/doc-collections/commission/slides/2006/20060111/acnw_files/frame.html

Shortly, the transcript should be posted which may help. Link would be:

<http://www.nrc.gov/reading-rm/doc-collections/commission/tr/2006/>

I expect this sort of question potentially to come up at our February 14 waste program briefing for Commissioners.

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From: Yi-Ming Pan

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Recipients:
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