HLWYM HEmails

From: Roland Benke
Sent: Wednesday, November 08, 2006 11:40 AM
To: Timothy McCartin; James Durham; Brittain Hill; John Trapp; James Rubenstone; Keith Compton
Subject: RE: Mass Loads in TPA

As a follow on to Tim's note, find the average mass inhaled per day in the year following the event from two versions of the TPA code below for comparison.

100 mg/day in TPA 4.1j
17 mg/day in TPA5.1BetaC

Because of the TPA 5.1Beta validation testing completed to date, these numbers were essentially at my finger tips.

Roland

> -----Original Message-----
> **From:** Timothy McCartin [mailto:TJM3@nrc.gov]
> **Sent:** Wednesday, November 08, 2006 6:43 AM
> **To:** James Durham; Roland Benke; Brittain Hill; John Trapp; James Rubenstone; Keith Compton
> **Subject:** Mass Loads
>
> NRC RARI Report pages 5-8 to 5-9; total mass inhaled perday for fresh ash vary between 12 (low) and 23 (high - obviously) mg, medium value reported as 17 mg
>
> As I calculate the DOE numbers from Keith's Table the average daily mass inhaled is 8 mg
>
> I believe one potentially big assumption, which affects the comparison of these numbers, could be if the DOE number represents the average over a partivular period (e.g., the twenty years after the eruption) versus the NRC number that represents the value, as I understand it, the initial year following the event

Hearing Identifier: HLW_YuccaMountain_Hold_EX
Email Number: 1138

Mail Envelope Properties (rbenke@cnwra.swri.edu20061108113900)

Subject: RE: Mass Loads in TPA
Sent Date: 11/8/2006 11:39:54 AM
Received Date: 11/8/2006 11:39:00 AM
From: Roland Benke

Created By: rbenke@cnwra.swri.edu

Recipients:
"Timothy McCartin" <Timothy.McCartin@nrc.gov>
Tracking Status: None
"James Durham" <jsdurham@cnwra.swri.edu>
Tracking Status: None
"Brittain Hill" <Brittain.Hill@nrc.gov>
Tracking Status: None
"John Trapp" <JST@nrc.gov>
Tracking Status: None
"James Rubenstone" <James.Rubenstone@nrc.gov>
Tracking Status: None
"Keith Compton" <Keith.Compton@nrc.gov>
Tracking Status: None

Post Office:

Files	**Size**	**Date & Time**
MESSAGE	1157	11/8/2006 11:39:00 AM

Options
Priority: Standard
Return Notification: No
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Sensitivity: Normal
Expiration Date:
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