

**From:** Paul Michalak  
**To:** John McCarthy; Jon Winter  
**Date:** 04/23/2007 11:19:36 AM  
**Subject:** Surety Documentation Extension Request and Request for Additional Information

40-8964

Gentlemen,

Your request to submit baseline surety documentation by June 30, 2007 is granted.

A couple of dose assessment/surety related information requests.

1) With respect to ground water restoration, please submit a mass balance chart with projected flow rates and final disposition of the different water/brine/permeate streams for both Smith Ranch and Highland. Figures 4-2 and 4-3 (Water Balance for Smith Ranch project and Recovery Plant Flow Rates, respectively) from the May 6, 2003 Smith Ranch application contain some of the information; however, I'm looking for more restoration related detail and whether restoration waste streams are/will be handled differently at Smith Ranch and Highland.

The information would be extremely helpful in evaluating well field related radon source terms (i.e., your recent dose assessment submittal) and in evaluating restoration related surety estimates. For example, in your previous surety estimates, there doesn't appear to be any costs related to RO brine disposal. A mass balance chart with projected flow rates would really help us track the restoration cost estimates related to different fluid streams.

2) The Smith Ranch and Highland surety estimates do not contain any estimate for remediation/disposal of soils impacted from spills/releases. Crow Butte's surety estimate contains a line item for disposal of impacted soils as 11e.(2) byproduct material. With at least 36 reported SR-HUP spills/releases since Oct 2001, the SR-HUP surety estimates should address this issue.

Give me a call if you have any questions.

Paul Michalak  
Uranium Recovery  
301-415-7612

**Mail Envelope Properties** (462CCE88.DC7 : 16 : 12230)

**Subject:** Surety Documentation Extension Request and Request for Additional Information  
**Creation Date** 04/23/2007 11:19:36 AM  
**From:** Paul Michalak  
**Created By:** PXM2@nrc.gov

**Recipients**

vcn.com

jwinter (Jon Winter)

pri\_jmccarthy (John McCarthy)

**Post Office****Route**

vcn.com

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2477	04/23/2007 11:19:36 AM

**Options**

**Expiration Date:** None  
**Priority:** Standard  
**ReplyRequested:** No  
**Return Notification:** None  
  
**Concealed Subject:** No  
**Security:** Standard