

Hayes, John

From: Davis, Kevin T. (SAIC) <daviskt@westinghouse.com>
Sent: Thursday, November 14, 2013 5:56 PM
To: Hayes, John
Cc: Richardson, Dennis C; Guido, Joseph S; Smetanka, Joseph W
Subject: RE: average U-235 in sanitary sludge

Mr. Hayes-

Using the equation in the TBD for a weighted average and the S1-S12 data in the table for U-235, the result is about 81 pCi/g. Assuming a factor of 9 for dewatering, the result is about 726 pCi/g. The dewatered sludge will require blending and sampling before shipment to USEI. Based on past experience (shipment to Clive), the dewatered sludge is easy to blend.

Sincerely,
Kevin Davis
Hematite Decommissioning Project
314-810-3348

From: Hayes, John [<mailto:John.Hayes@nrc.gov>]
Sent: Thursday, November 14, 2013 2:09 PM
To: Davis, Kevin T. (SAIC)
Subject: average U-235 in sanitary sludge

Kevin,

Do you have a value for the average U-235 in the dewatered sanitary sludge (xx pCi/g)?

I didn't see one in your RAI response

Regards,

Jack.