

Lois James

From: Phil Sharpe <phil.sharpe@studsvik.com>
Sent: Tuesday, January 13, 2026 1:54 PM
To: Lois James; Alex Collier; Kevin Heller; Scott Krepel
Cc: Art Wharton; Keith Drudy; Rodolfo Ferrer; Tamer Bahadir; Demetrius Murray
Subject: [External_Sender] SSP CMS5 PWR TR Supplement 1 L&C
Attachments: ATT00001.txt

Hi Lois and NRC Team - thank you for the time allowing us to evaluate options regarding the subject TR enrichment limitation of 8% with possible penalties in going to 10%.

Following several conversations with other potentially affected parties, we see that the most expedient pathway at present is to accept the limitation of 8%, and presently forgo an effort to define and justify suitable penalties that would apply between 8 and 10%. We believe the most effective way to address the bias which NRC recognized in our 10% benchmarking is with additional experiment data (new or otherwise that we have no identified route to access) with well characterized uncertainties and the ability to truly test methodologies across all levels of fidelity. Code to code comparisons are useful but seemingly insufficient alone to validate methods at 10% enrichment, thus the important reliance on relevant experiments. We do ask that such aspects are addressed in the SER when describing the limitation of 8%.

Our position and request, then, is for the review to proceed towards the draft SER including an enrichment limitation of $\leq 8\%$.

Please let me know if there are any questions or concerns regarding our position, or any other items that may be pertinent.

Thanks and best regards -

phil

Phil Sharpe, PhD
Chief Technology Officer
phil.sharpe@studsvik.com
+1 910 880 5669



Studsvik Americas
1070 Riverwalk Dr., Suite 150
Idaho Falls, ID 83402 USA
www.studsvik.com

The information contained in this email message, including any attachments, contains or may contain proprietary and confidential information intended only for the addressee. It is furnished with the understanding that it is for the sole use of the addressee and may only be used for the purposes for which it has been delivered by Studsvik or its designee. The information contained herein shall not be copied, reproduced or transmitted to any other parties, nor shall it be used for any other purpose, without prior written consent of Studsvik. If you have received this email in error, please return it to the sender and destroy or otherwise permanently delete the copy received.