

Summary Notes – October 17, 2017  
Savannah River Site (SRS) Citizens Advisory Board (CAB)  
Waste Management (WM) Committee Meeting

The WM Committee held a meeting on Tuesday, October 17, 2017, from 4:30 – 6:20 pm, at the Department of Energy Meeting Center in Aiken, SC. It was also streamed online via YouTube and posted to the CAB website and YouTube channel. The purpose of this meeting was to receive updates on the Point of Contact status. There was also time set aside for committee discussion and public comments.

Attendees:

<u>CAB:</u> David Hoel Daniel Kaminski Narinder Malik Nina Spinelli Bobbie Williams	<u>DOE/Contractors/Others:</u> Jean Ridley, DOE-SR James Tanner, S&K Federica Staton, S&K Chelsea Gitzen, S&K	<u>Agency Liaisons:</u> Tom Rolka, SCDHEC  <u>Stakeholders:</u> Ed Wannemacher, BWXT Natalie Herrington, GA WAND
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Committee Welcome: Daniel Kaminski, WM Vice Chair  
CAB member Kaminski welcomed everyone to the meeting.

Point of Contact Status Update: Jean Ridley, DOE-SR  
Ms. Ridley updated the WM committee on everything related to waste under the EM mission at SRS.

Q&A Session

CAB member Malik asked who is doing the cesium removal, to which Ms. Ridley replied that SRR is responsible for it. CAB member Malik then asked how is the cesium kept and when it is removed where does it go, to which Ms. Ridley replied that it is in a column until washed out, and the plan is to leave it in the column or locate storage on SRS until a permanent depository is identified.

CAB member Kaminski asked if there are 10 canisters of TRU waste left to ship to WIPP for the year or in total, to which Ms. Ridley replied that it is 10 canisters left for this year. CAB member Kaminski then asked if the last component left in testing the replaced melter is the hardest, to which Ms. Ridley replied no it is not. She further noted that it's a systematic install of one component at a time, with each component being tested before moving on to the next. CAB member Kaminski then asked if adjustments have been needed while installing the new melter. Ms. Ridley responded that The pot mapping didn't fit perfectly and was made to be 100% accurate. The same parameters were used as the previous melter she further noted.

Committee Discussion: Mercury in the Liquid Waste System  
CAB member Kaminski opened up discussion about this presentation from the previous full board meeting. There was none.

Committee Discussion: Glass Waste Storage Status  
CAB member Kaminski opened up discussion about this presentation from the previous full board meeting. There was none.

Committee Discussion: Draft Recommendation – Glass Waste Storage  
CAB member Spinelli read the recommendation. Ms. Ridley clarified the number of spaces available for canisters with double stacking.

CAB member Corbett asked what the canister life expectancy is and what happens if it's damaged. Ms. Ridley answered that the shell life expectancy is upward of 1,000 years and when it arrives at a repository the shell will be discarded. She went on to note that the glass stays solid and protects waste, and the canisters are robust and go through extreme testing including being able to withstand being hit by a train.

CAB member Kaminski asked if the glass can erode in 1,000 years. Ms. Ridley replied that isn't included in Yucca's analysis; all that is evaluated in performance assessments is whether the glass would reach the limit of 25 mrems. However, she noted, the repository would go through that assessment.

CAB member Corbett asked who the manufacturer of these canisters is. Ms. Ridley responded that it started as Coors, then Teledine Brown and now Major Tool.

CAB member Kaminski asked for a motion to forward this recommendation to the full board, which was seconded and passed with a vote.

Committee Discussion:

Draft Recommendation – DWPF Additional Failed Equipment Storage  
CAB member Malik read the recommendation. Ms. Ridley made suggestions regarding wording of the recommendation which were accepted.

CAB member Kaminski asked for a motion to forward this recommendation to the next full board meeting which was made and seconded.

Public Comment

None.

~Meeting Adjourned