

Summary Notes – April 17, 2018
 Savannah River Site (SRS) Citizens Advisory Board (CAB)
 Waste Management (WM) Committee Meeting

The WM Committee held a meeting on Tuesday, April 17th, 2018, from 6:30 – 8:20 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> Gil Allensworth Brian Chemsak Susan Corbett Dawn Gillas Doug Howard Daniel Kaminski Narinder Malik Gregg Murray Bobbie Williams	<u>DOE/Contractors/Others:</u> Jim Folk, DOE-SR Jeff Bentley, DOE-SR Soni Blanco, DOE-SR James Tanner, S&K Federica Staton, S&K Chelsea Gitzen, S&K	<u>Agency Liaisons:</u> None <u>Stakeholders:</u> None
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Committee Welcome: Daniel Kaminski, WM Vice Chair
 Mr. Allensworth welcomed everyone to the meeting.

DOE Response: Recommendation #350
 Oppose Receipt of German SNF for Treatment and Storage in the US
 Ms. Gillas asked for a motion to vote to forward this recommendation to the full board for closure voting, which was made and seconded by Mr. Murray. This passed with a majority vote.

Committee Discussion: Draft Recommendations
 Ms. Gillas introduced two new draft recommendations which she noted she had not given it to CAB support with enough time prior to this meeting so they could be included in the agenda or discussed, but they would not be available for editing, discussion and voting until the next committee meeting. She then read one of these draft recommendations in its entirety.

Mr. Kaminski noted his concern for the physical amount of room at WIPP, and that what remains will eventually be filled. He also noted he felt it would take a whole new wing to be excavated in order to take all of our downblended plutonium at SRS.

Mr. Folk added that there are 125 shipments of legacy waste to go, half of which is remote handled. He continued by noting a number of facts: downblend is run through NM, it only falls under WM purview if shipping is through E Area and not K Area, the number of shipments per area is determined at the start of each year, 10 is the target number of shipments for this year, there is a small amount of newly generated waste each year which adds up to about a few shipments, WIPP can only take a certain number of shipments each week, and the focus is on making SRS shipments a higher priority.

Ms. Corbett noted there is a giant sinkhole in New Mexico currently due to the destabilization of the ground, and the SRS CAB should investigate this before recommending shipments to WIPP. She further noted the SRS CAB should consider how New Mexico residents feel, and they do not want WIPP to accept further shipments.

Mr. Malik asked if shipments to WIPP will meet WAC and will they need re-packaging. Mr. Folk answered that he did not know but he would pose that question to NM.

Ms. Gillas noted she will edit these recommendations before presenting them at the next committee meeting. She went on to summarize the second draft recommendation and then read it in its entirety.

Ms. Corbett asked if there's no risk associated with storing HLW then why wouldn't it be kept at SRS. She then suggested keeping it above ground where it could be monitored. Mr. Malik replied that it would be much safer at WIPP. Mr. Kaminski agreed that monitoring waste vs sending it to WIPP for underground storage was better. He then noted that the US is the only country who doesn't use risk level to classify waste. Mr. Malik noted that this area may have an earthquake. Mr. Allensworth noted that at the double stacking presentation which was given prior to Mr. Malik joining the SRS CAB, they provided very detailed explanations of preparations and the site is more than prepared for earthquakes.

Point of Contact Status Update: Soni Blanco, DOE-SR

Ms. Blanco updated the committee on everything related to waste management under the EM mission at SRS.

Q&A Session

Mr. Malik asked who completes the receipt inspections. Mr. Bentley responded that QA SRR is involved in the design and fabrication of these containers and they're also part of the receipt inspection along with engineers. Mr. Malik asked if they then write a self assessment report. Mr. Folk replied no. Mr. Malik then asked if there are NCRs created as a result of this process, to which Mr. Bentley answered yes. Mr. Malik then asked if they are all closed. Mr. Bentley answered no, but they are addressing the issues. He further explained that the modlues with NCRs have passed inspection and any which have already been approved have not had NCRs.

Mr. Kaminski asked regard SDU 7 if there will be an advanced view where future SDUs will be. Ms. Blanco replied that planning is going on now to address that, but it is dependent on future budgets.

Committee Discussion: Sonar Mapping Technology

Mr. Malik asked how accurate were the photographs of the past. Mr. Bentley responded that there was confusion about mapping methodologies after the previous full board meeting presentation. He continued by noting maps of tank bottoms are taken ad different times for different reasons such as bulk waste removal or final tank closure. He continued by noting there is more potential for error with the visual mapping method.

Ms. Corbett asked what risers are. Mr. Bentley explained that is a hole in the top of the tank. Ms. Corbett then asked what the time of flight is. Mr. Bentley answered that is in reference to the amount of time the sonar pulse has to travel through the liquid, and if there is a different density it will change the velocity of the pulse. Mr. Folk added that DHEC and EPA set the standard on what and how much needs to be removed from the tanks. Ms. Corbett then asked if the tanks will sink into the ground in the future, to which Mr. Malik answered no.

Ms. Williams asked when other tanks were closed, what mapping was used. Mr. Folk answered that visual mapping was used which is proven to work and has met regulator expectations.

Ms. Corbett asked what determines if a tank is done and closed. Mr. Folk replied that the volume is measured of the material coming out and SRNL takes an average of multiple samples. He further noted it varies between tanks and a performance assessment is done after this.

Public Comment

Bill Lawless voiced his support for one of the draft recommendations presented by Ms. Gillas and the SRS CAB.

~Meeting Adjourned