

Summary Notes – October 16th, 2018
Savannah River Site (SRS) Citizens Advisory Board (CAB)
Nuclear Materials (NM) Committee Meeting

The NM Committee held a meeting on Tuesday, October 16th, 2018, 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 Eisele Jim Guille Charles Hilton Douglas Howard Dan Kaminski Narinder Malik John McMichael Larry Powell	<u>DOE/Contractors/Others:</u> de’Lisa Carrico, DOE-SR Michael Mikolanis, DOE-SR Tony Polk, DOE-SR Randy Clendenning, DOE-SR Maxcine Maxted, DOE-SR James Tanner, S&K Federica Staton, S&K Chelsea Gitzen, S&K Kristin Huber, SRNS	<u>Agency Liaisons:</u> None <u>Stakeholders:</u> Michael Chavis Amanda Dunaway Nina Spinelli J.S. Allencer Madison Jones
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Committee Welcome: Larry Powell, NM Chair

Mr. Powell welcomed everyone to the meeting.

Point of Contact Status Update: Maxcine Maxted, DOE-SR

Ms. Maxted reported the status of each project under the NM committee purview.

Q&A Session

Mr. Powell asked if the goal is 1 ton of plutonium. Ms. Maxted answered that it was court ordered. Mr. Powell then asked how they calculated 1 ton of plutonium. Ms. Maxted replied that it was based on the weight of the plutonium and its isotope in the storage matrix. Mr. Powell continued by asking where it will go. Ms. Maxted responded that it will be placed into a federal depository or WIPP, whatever is determined by DOE.

Mr. Eisele asked if there’s been progress made on the resin protected zone. Ms. Maxted answered that there are plans in place and efforts ongoing to evaluate the resin, but they won’t enter those zones for 1.5 years. Mr. Eisele continued by asking if the recirculation line to filtration has any degradation. Ms. Maxted replied there was none which she was aware of. Mr. Eisele continued again by asking if it’s on the project list, to which Ms. Maxted responded that it is on the site priority list. Mr. Eisele continued once more by asking if there’s an update on the new chilled water system. Ms. Maxted answered that they’re working on the design and procurement currently and expect it to be installed by 2020.

Mr. Howard asked if SRNL and USCA collaborated before. Ms. Maxted replied that they’ve collaborated as individuals but not as overall organizations.

Mr. Allensworth asked what a HFIR core batch consists of, to which Ms. Maxted responded that there are five cores of HFIR per batch. Mr. Allensworth then asked how long it takes to dissolve

a single batch, to which Ms. Maxted answered that it takes about three weeks for one batch, just to dissolve it. Mr. Allensworth continued on by asking if it's dissolved all the way through, how long would that take. Ms. Maxted replied that she would guess it'd take about three to four months based on the current stacking levels.

Mr. Eisele asked if 5 cores which create a HFIR bundle includes complete cores, to which Ms. Maxted responded yes.

Mr. Allensworth asked if the aforementioned HFIR processing is the dilute and dispose process. Ms. Maxted answered that the downblend process is an EM program but they're the same process.

Committee Discussion: Consent Order NCO-2016-01

Mr. Powell opened discussion on this presentation from the September full board meeting.

Ms. Weber asked if the 22 opportunities are concluded. Mr. Martini replied that they're undergoing internal self-assessment, and were put into a tracking system to evaluate the action, some are completed already or have been acted on. Ms. Weber noted that the committee should follow up in one year.

Public Comment

None.

~Meeting Adjourned