

**Summary Notes – April 15, 2015**  
**SRS Citizens Advisory Board**  
**Waste Management Committee Meeting**

The Savannah River Site (SRS) Citizens Advisory Board (CAB) Waste Management (WM) Committee held a meeting on Wednesday, April 15, 2015, from 4:30-6:20 p.m., at the New Ellenton Community Center in New Ellenton, South Carolina. It was also streamed online via Google Hangouts.

The purpose of this meeting was to receive an update on the Defense Waste Processing Facility (DWPF) Performance Status and Glass Waste Storage. Time was set aside for committee discussion and public comments.

***Attendees:***

**CAB Members:**

Earl Sheppard – WM Chair  
Virginia Jones – WM Vice Chair  
Harold Simon – CAB Chair  
Nina Spinelli – CAB Vice Chair  
Susan Corbett  
Murlene Ennis  
John McMichael  
David Hoel

**DOE/ Contractors/ Others:**

de’Lisa Carrico, DOE-SR  
Soni Blanco, DOE-SR  
Jean Ridley, DOE-SR  
Carl Lanigan, DOE-SR  
Jeff Allender, SRNL  
Kim Cauthen, SRNS  
Mark Schmitz, SRR  
Bill Barnes, SRR  
James Tanner, Time Solutions  
Tina Watson, Time Solutions

**Stakeholders:**

Joe Ortaldo  
Marolyn Parson  
Rose Hayes  
Thomas Gutmann  
Dan Hanson  
Bill Lawless – Conf. Call

**Agency Liaisons:**

Tom Rolka, SCDHEC  
Greg Mason, SCDHEC

**Welcome and Introduction:**

CAB member Earl Sheppard opened the meeting by welcoming everyone. He reviewed the committee’s focus and provided a recommendation status update, stating the WM Committee had no open recommendations. He introduced Ms. Soni Blanco, DOE-SR, who serves as the WM Committee DOE Point of Contact. Ms. Blanco provided a brief update of ongoing DOE activities relating to the NM Committee. CAB member Powell then introduced Mr. Bill Barnes, Savannah River Remediation (SRR), to begin his presentation.

**Presentation: Defense Waste Processing Facility (DWPF) Performance Status and Glass Waste Storage – Bill Barnes, SRR**

Mr. Barnes said the purpose of his presentation was complete a 2015 WM Work Plan topic by providing a status update of DWPF. He provided an overview of Liquid Waste operations by showing an aerial picture for where certain facilities were located at SRS. Mr. Barnes showed a systematic diagram, which illustrated all elements, processes, and facilities within the LW system at SRS. He discussed a “gear chart,” which illustrated the high integration and synchronization of various LW operations. He described waste processing and what role the DWPF played in pouring canisters. He mentioned the Glass Waste Storage Buildings stating GWSB 1 contained 2,244 canisters and GWSB 2 currently contained over 1,250 canisters. Mr. Barnes discussed the vitrification process before he mentioned production rates of the DWPF. He said DWPF was currently in a planned outage to upgrade infrastructure; however, the DWPF was on schedule to produce the desired number of canisters this year. He showed the forecasted canister production rate, which was based on LW System Plan Revision 19. He then explained how the Glass Waste Storage Project (GWSP) was being developed which would provide supplemental storage in above ground storage containers similar to commercial spent nuclear fuel storage. He discussed the double stack concept for GWSB 1 and provided pictures of the inside of GWSB 1 vault and canister storage location. He compared models for the current “single stack” storage and the “double stack” proposed modification. Mr. Barnes discussed the technical evaluation conducted for the double stack concept. He

summarized his presentation stating that the technical evaluation supported double stacking GWSB 1. He explained the double stack method would increase GWSB 1 capacity to 4,508 canisters and would provide adequate storage through fiscal year 2026. This presentation can be found on the CAB website at: [cab.srs.gov](http://cab.srs.gov)

#### **Committee Discussion:**

CAB member Sheppard asked if CAB members had any discussion. CAB member David Hoel said he would like to read DOE's response to recommendation 326, which the CAB Support Team informed him was available on the CAB's website. CAB member Corbett said she would like for detailed presentations like Mr. Barnes' she would like to know what types of radiation workers would be exposed to for each process. CAB member Virginia Jones asked if this presentation was meant to address recommendation 326. Ms. Soni Blanco, DOE-SR, commented this presentation was an annual Work Plan topic intended to provide the CAB with an update of the proposed double stacking method.

This discussion can be found on the CAB website at: [cab.srs.gov](http://cab.srs.gov)

#### **Public Comments:**

Mr. Joe Ortaldo, public, referred to the highly integrated gear chart located in Mr. Barnes' presentation. He commented that each gear required funding to operate and DOE was currently challenged to figure out where money should be spent. Mr. Ortaldo said the Liquid Waste system at SRS should be optimized. He explained if DOE-SR received more money the tanks could possibly be emptied faster. Mr. Ortaldo encouraged the CAB to keep focusing on the Liquid Waste System Plan to understand the Liquid Waste System.

Mr. Dan Hanson, public, said he appreciated healthy skepticism expressed by members of the public; however, he stated there was a point where the public had to trust the opinion of experts who dealt with the materials at SRS on a daily basis.

Mr. Bill Lawless, public, stated he would like DOE to tell him which vitrified High Level Waste canisters were only sludge and which ones were post ARP/MCU. Mr. Lawless explained there was extensive information on each canister and he said DOE-SR knew where each canister was located in the GWSB's. Mr. Lawless said he would like DOE-SR to explain which canisters were located in the GWSB's. He said he agreed with Mr. Ortaldo's comment that there seemed to be a lack of DOE-SR funding every year. He said he felt DOE-SR could save money by not closing tanks once the tanks had been officially cleaned.

CAB member Sheppard adjourned the WM Committee meeting.

**The next WM Committee Meeting will be held on Tuesday, June 2, 2015, from 4:30-6:20 p.m., at the New Ellenton Community Center in New Ellenton, SC.**

**The online recording of this meeting can be located on the CAB's website at: [cab.srs.gov](http://cab.srs.gov)**