

**Summary Notes - June 11, 2013**  
**SRS Citizens Advisory Board**  
**Facilities Disposition & Site Remediation Committee Meeting**

The Savannah River Site (SRS) Citizens Advisory Board (CAB) Facilities Disposition & Site Remediation (FD&SR) Committee held a meeting on Tuesday, June 11, 2013, from 6:00-7:50 p.m., at the DOE Meeting Center in Aiken, SC. It was also streamed online via Google Hangouts.

The purpose of this meeting was to receive an overview presentation about Advanced Simulation Capability for Environmental Management. There was also time set aside for committee discussion and public comments.

**Attendees:**

**CAB Members:**

Dr. Marolyn Parson- FD&SR Chair-*Online*  
Thomas Barnes- FD&SR Vice Chair  
Dr. Don Bridges- CAB Chair  
Harold Simon- CAB Vice Chair  
Larry Powell  
Louie Chavis-*Online*  
Virginia Jones-*Online*  
William Rhoten-*Online*

**DOE/ Contractors/ Others:**

Avery Hammett, DOE-SR  
Gerri Flemming, DOE-SR  
Bill Taylor, DOE-SR  
Rich Olsen, DOE-SR  
Doug Hintze, DOE-SR- *Online*  
Vickie Wheeler, DOE-SR- *Online*  
Roger Seitz, SRNL  
Bob Aylward, SRNL  
Ashley Whitaker, NOVA  
James Tanner, NOVA

**Agency Liaisons:**

Scott Simons, SCDHEC  
Bob Adams, SCDHEC  
Diedre Lloyd, EPA

**Stakeholders:**

Nancy Bobbitt  
Lee Poe

**Welcome and Introduction:**

CAB member Thomas Barnes opened the meeting by welcoming everyone and reviewing the meeting rules. He asked everyone to introduce themselves, including online attendees. CAB member Barnes continued with his update by listing the FD&SR Committee members along with the committee's focus. He provided a recommendation status update, stating recommendations 293 and 294 were open.

CAB member Barnes introduced Mr. Roger Seitz, SRNL, who presented a presentation titled "Advanced Simulation Capacity for Environmental Management"

**Presentation: Advanced Simulation Capacity for Environmental Management – Roger Seitz, SRNL**

Mr. Seitz stated the purpose of his presentation was to fulfill an S&LM Committee Work Plan topic by providing an overview of the Department of Energy Environmental Management (DOE-EM) sponsored project to develop the Advanced Simulation Capability for Environmental Management (ASCEM). He stated that ASCEM was being developed by five national laboratories and would eventually be implemented throughout the DOE Complex. He listed ways modeling programs help improve the understanding of system behaviors before providing an animation to help individuals visualize how different amounts of water and radionuclides move through the environment. He discussed current modeling challenges, which resulted in the development and use of ASCEM throughout the DOE complex. Mr. Seitz provided an overview of the program stating that ASCEM was intended to be a "State-of-the-art tool for predicting movement of contaminants through

natural and engineered systems.” He said the software would be easily accessible and compatible with modern computing architectures. He briefly discussed how user interactions throughout the DOE Complex have shaped the development of ASCEM. He explained that “Akuna and Amanzi” were the two key components of ASCEM and provided examples of how each worked as the graphical user interface and computational engine for the program. Mr. Seitz explained that multiple demonstrations were being used around the DOE Complex to test and highlight ASCEM capabilities, including the F-Area Seepage Basins and waste tank closures at SRS. He stated that a limited user release for testing was planned for the near future, while development and quality assurance activities would continue for a regulatory version in 2015. You can view this presentation on the CAB website at: [cab.srs.gov](http://cab.srs.gov)

### **Committee Discussion:**

CAB member Barnes briefly discussed the Government Accountability Office (GAO) Emergency Preparedness report and the SRS Community Preparedness Information document. CAB member Marolyn Parson asked if the SRS Community Preparedness Information document included the potential risk the public might encounter if building 235-F was damaged by a catastrophic event. She also asked if DOE planned to offer information about the impact of shadow evacuations that were included in the GAO report. CAB member Barnes asked what conditions have to exist to warrant evacuation beyond ten miles as suggested in the SRS Community Preparedness Information document. Ms. Avery Hammett, DOE-SR, stated that DOE would research a specific answer and provide it to the CAB as soon as possible. CAB member Parson requested a presentation on the Emergency Preparedness Plan for SRS.

CAB member Barnes briefly discussed the DOE response to recommendation 294 before opening the floor for discussion. CAB member Parson encouraged the S&LM Committee to evaluate the type, accessibility, and timeliness of information DOE posted to the external SRS website. She also asked the committee to develop suggestions they could share with DOE to help improve the website. She stated that presentations on the website were easier to download and thanked DOE for reducing the file sizes. This discussion can be found on the CAB website at: [cab.srs.gov](http://cab.srs.gov)

CAB member Parson adjourned the FD&SR Committee meeting.

### **Public Comments:**

Mr. Lee Poe, a member of the public, suggested that the CAB reevaluate how it provides information to the public. He stated that providing information on the internet was ineffective because there was no real communication with the public.

**The next S&LM Committee Meeting will be held on Tuesday, August 13, 2013, from 6:00-7:50 p.m., at the DOE Meeting Center in Aiken, SC.**

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