

Facilities Disposition & Site Remediation Committee Report

Marolyn Parson, Ph.D., Chair
North Augusta, SC
July 22-23, 2013



Committee members



- Marolyn Parson, *Chair*
- Tom Barnes, *Vice Chair*
- Artisha Bolding
- Louie Chavis
- Kathe Golden
- Larry Powell
- Bill Rhoten

Committee focus



- The committee addresses the remediation of contaminated soil, groundwater, and surface water.
 - Specifically, the committee deals with issues related to:
 - Federal Facility Agreement
 - Risk management/assessment,
 - The regulatory process, and
 - Other cross-cutting issues pertaining to environmental restoration.
- The committee also follows deactivation and decommissioning actions taken to reduce risk & costs following shutdown of excess industrial, radioactive, and nuclear facilities.

Status of recommendations



- Committee has two Open recommendations. The First is Recommendation #293 “Remedial Actions and Clean-up of 235-F.”
 - Basically asks the Department Of Energy to take a comprehensive look at the existing plans for decontamination and decommissioning of building 235-F and reassess the present schedule for 235-F cleanup.
 - Further, in view of comments made in the Defense Nuclear Facility Safety Board Recommendation 2012-1 (May 9, 2012), it asks the Department to take near-term immediate actions to remediate the situation.



Status of Recommendation #293, continued

- Finally, it asks the Department to advise the CAB, at the January 2013 meeting, of the cost and timeline of implementing the Safety Board's Recommendation and how other projects will be impacted by the implementation of said Recommendation.
- At the March CAB Full Board Meeting, an update on Building 235-F was presented.
- At the April Committee Meeting, it was decided that until more budget details are known that the status of this Recommendation should remain "Open."

Status of recommendations, cont



- The second open Recommendation is #294
“Development of Environmental Review Roadmap and Document Listing.”
 - Basically asks the Department of Energy to develop a periodic report that provides an overview of upcoming environmental reviews and provide relevant information on the particulars of each review process.
 - It also asks the Department to develop a list of upcoming environmental reports and information soon to be issued that would be of interest to the public at large.
 - The response from the Department was received on November 30, 2012.



Status of Recommendation #294, cont.

- The Committee will leave Recommendation #294 in an “Open” status until at least the end of the year.
 - Until then, Committee members will continue to monitor SRS website postings about public comment opportunities, availability of reports, and other information that is important to the public.
 - At the end of the year, the CAB and the Department of Energy will review how effective the changes to the website have been relevant to the specifics of this recommendation.



Presentation at the June 11, 2013
committee meeting

- **“Advanced Simulation Capability for Environmental Management Overview”**
 - Roger Seitz, Savannah River National Laboratory

Key Points in “Advanced Simulation Capability for Environmental Management (ASCEM) Overview”



- Modeling approach involves a state-of-the-art tool for predicting movement of contaminants through natural and engineered systems and is designed to be used for laptops as well as supercomputers.
- Multiple demonstrations are being used to test & highlight its capabilities.
 - F Area Seepage Basins are being used to test and showcase its capabilities to model remedial actions.
 - Tank closure demonstration is being used to test the tools on engineered systems.
- Approach is being pursued to move towards more standardized and consistent environmental modeling approaches for the Department of Energy complex.

Committee Discussion



- First, the discussion focused on the Government Accountability Office (GAO) Emergency Preparedness report and the SRS Community Preparedness Information document.
 - I raised two questions:
 - Whether the SRS Community Preparedness Information document included the potential risk the public might encounter if Building 235-F was damaged by a catastrophic event, and
 - Whether the Department of Energy considered the impact of shadow evacuations that were included in the GAO Report in the preparation of the SRS Community Preparedness Document.
- In response to the discussion, the Committee asked for a presentation on the Community Preparedness document.



Committee Discussion (continued)

- Second, we talked about the SRS website and the need for the Committee to be diligent about providing input to the Department of Energy to make the site as effective as possible as a tool to communicate information to the public.
- Since the meeting, the Department of Energy informed the CAB that a new SRS website was going to be unveiled and allowed us to view it and provide input.
 - I provided a written review.
 - At the writing of this report, the new website has not been launched.

Next Committee Meeting



- **August 13th, at 6 p.m., at the DOE Meeting Center in Aiken**
- **Presentations**
 - **Emergency Preparedness Plan**
 - Howard Burgess, Department of Energy, Savannah River
 - **Annual Integrator Operable Units Program**
 - Brian Hennessey, Department of Energy, Savannah River

Presentations



- Today
 - **Sampling & Monitoring in the CSRA**
 - Presentation by Gail Whitney, Department of Energy-Savannah River
 - **Georgia Department of Natural Resources Update**
 - Presentation by Barty Simonton, Georgia Department of Natural Resources
- Tomorrow
 - **Federal & State Regulatory Oversight of Cleanup Activities**
 - Presentation by Rob Pope, US Environmental Protection Agency and Van Keisler, SC Department of Health and Environmental Control
 - **Agency for Toxic Substances and Disease Registry Report**
 - Presentation by Carol Connell

NOW THE PRESENTATIONS

