

SRS Citizens Advisory Board Chair Update

Nina Spinelli, Chair
March 2017
Aiken, SC



Welcome

- Welcome to our March Full Board Meeting in Aiken, South Carolina





CAB Membership Update

- Thanks to each and every one of you for your attendance and dedication that you share with the CAB!
- I am excited to start as Chair and happy to have a wonderful group of people to work with.
- Several members rotated off the CAB earlier this year, and we welcome new members as well!

CAB Membership – New Members

Eric Crossan – Columbia County

Rose Dobson-Elliot– Hampton County

Bobbie Williams – Barnwell County

David Vovakes – Aiken County

Robert Smith – Aiken County

Narinder Malik – Columbia County

Douglas Howard – Columbia County

Thomas French – Aiken County





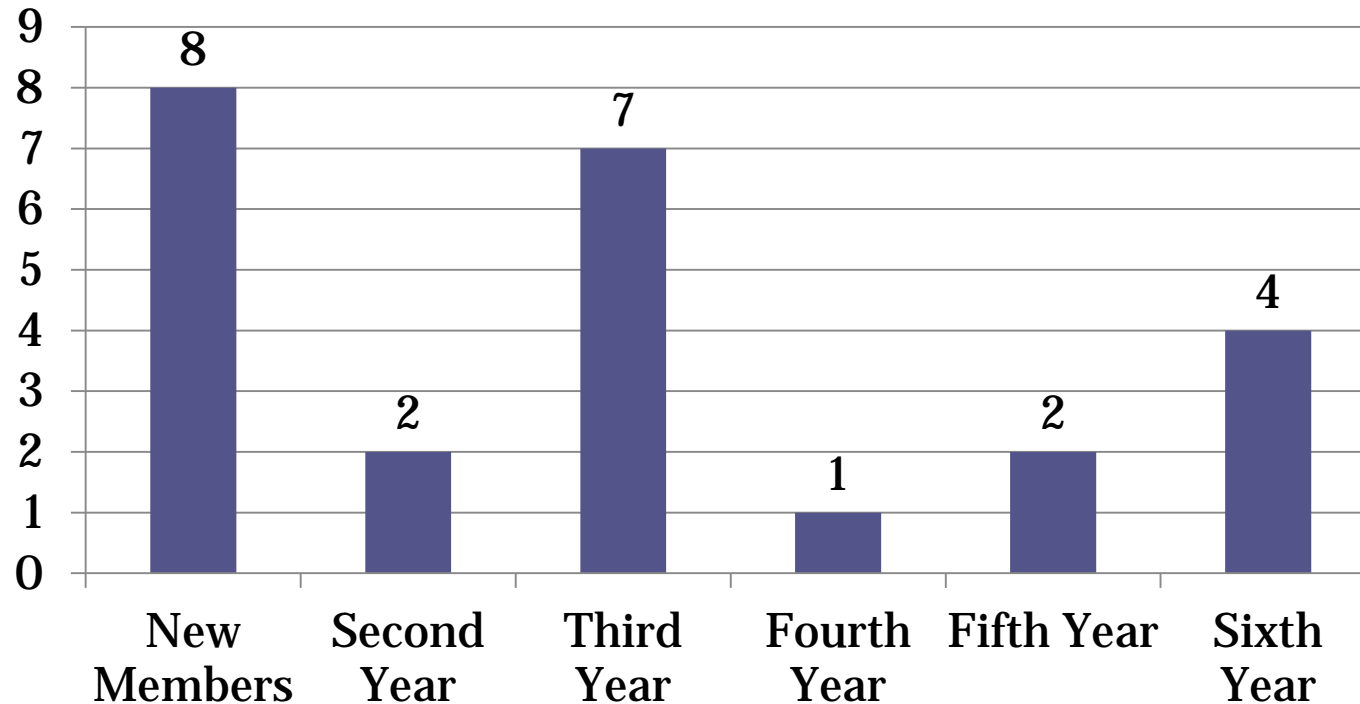
SRS CAB Makeup- 2017

- 2017 Board Makeup
 - 8 New members
 - 2 Members on second-year
 - 7 Members on third-year
 - 1 Member on fourth-year
 - 2 Members on fifth-year
- Bob, Bill, Earl, Nina and Ed all have one year left on Board!

SRS CAB Makeup- 2017



Members





Board Membership

- Each member appointed by DOE HQ for a two-year term
- Members selected to reflect practically every segment of society
- Every two years a sitting Board member must reapply for an additional term
- Members are term limited to 3 terms, or 6 total years
- In years past that limitation did not exist so some members served for more than 6 years

Work Plan



- 2017 Work Plan has been finalized and distributed
- Chairs and Vice-Chairs met in February and worked on a well-rounded plan for 2017



Facilities Disposition and Site Remediation Committee

The Facilities Disposition and Site Remediation Committee addresses the remediation of contaminated soil, groundwater, and surface water. The Facilities Disposition and Site Remediation Committee deals with issues related to the Federal Facility Agreement, risk management/assessment, the regulatory process, and other cross-cutting issues pertaining to environmental restoration. The Facilities Disposition and Site Remediation Committee also follows deactivation and decommissioning actions taken to reduce risk and costs following shutdown of excess industrial, radioactive, and nuclear facilities. Topics under consideration for the Facilities Disposition and Site Remediation Committee in 2017 include:

- I. Environmental Monitoring Overview
- II. Final Approved FFA Appendix E
- III. Soliciting Input for Update of the Community Involvement Plan
- IV. Wounded Warrior Activities
- V. Federal & State Oversight of Cleanup
- VI. SRS Game Animal Monitoring
- VII. Annual Site Environmental Report
- VIII. Radionuclide Education, Monitoring, and Outreach Program (REMOP)
- IX. Savannah River Ecology Laboratory Update
- X. D Area Ash Basin Project



Nuclear Materials Committee

The Nuclear Materials Committee was established to study issues that involve nuclear materials (generally uranium and plutonium) that have an impact on present or future Savannah River Site activities. Issues include used nuclear fuel program activities (foreign and domestic), nuclear materials management, and nuclear materials integration. The Nuclear Materials Committee addresses consolidation, storage, and disposition issues related to legacy materials that were once part of the nuclear weapons production cycle. The Nuclear Materials Committee also studies issues related to the receipt and storage of foreign research reactor spent nuclear fuel. Topics under consideration for the Nuclear Materials Committee in 2017 include:

- I. Atoms for Peace Overview
- II. Spent Nuclear Fuel Program Overview/Update
- III. Plutonium Program Overview/Update
- IV. Federal Repository Status
- V. 235-F Deactivation
- VI. Administration Priorities (State & Federal)
- VII. Update on the Strategic Nuclear Materials Plan



Strategic and Legacy Management Committee

The Strategic and Legacy Management Committee is involved in strategic issues relevant to the Environmental Management clean-up program at the Savannah River Site. This includes performance assessments as well as long-term policy, planning and cross-cutting issues related to other CAB committees. Specific areas of interest are development and deployment of technology, the Department of Energy–Savannah River budget decision-making process, future land use and relevant national environmental policy. The Strategic and Legacy Management Committee encourages other CAB committees to integrate long-term stewardship into issue deliberations and CAB recommendations. Topics under consideration for the Strategic and Legacy Management Committee in 2017 include:

- I. DOE-SR Budget
- II. Integrated Priority List
- III. Natural Resources Management
- IV. Historic Preservation
- V. Community Reuse Organization
- VI. Recruitment and Retention at SRS
- VII. Continuous Improvement
- VIII. SR National Lab Update



Waste Management Committee

The Waste Management Committee reviews the management, treatment, storage and disposition of radioactive wastes, including transuranic waste, low-level waste, mixed low-level waste and radioactive liquid waste and provides advice and recommendations to the Savannah River Site on these activities. Principal goals of the Waste Management Committee are: to see (1) a trend of reduction in risk to the public, workers, and the environment posed by these wastes, and (2) integrated and comprehensive system approaches used in weighing Savannah River Site waste management and disposition options. Topics under consideration for the Waste Management Committee in 2017 include:

- I. Defense Waste Processing Facility Melter Change Out
- II. Recent Liquid Waste Regulatory Decisions
- III. SDU-6 & SDU-7 Status
- IV. 3H Evaporator Status
- V. Liquid Waste Contract Status
- VI. Salt Waste Processing Facility Status
- VII. Mercury in the Liquid Waste System
- VIII. Glass Waste Storage Status
- IX. Tank Closure Cesium Removal
- X. Solid Waste Program & WIPP Update
- XI. Status of Operations

Savannah River National Lab

- National Lab a community asset and often a focus of the SRS CAB, through presentations and recommendations
- Lab opened a base in Hanford to support the Pacific Northwest National Laboratory
- Activities at Hanford includes looking at tank waste chemical vapor issues and, work at the vitrification facility
- Chance to exchange ideas and engage in laboratory-wide discussions



Clean-Up Goals

- Government Accountability Office's risk report identifies operations vulnerable to potential inefficiency, fraud and abuse. Environmental liabilities stemming from contaminated properties new to this list this.
- In 1994, GAO recommended that Congress require agencies to report their plans to complete site inventories and clean-up costs by amending the Comprehensive Environmental Response, Compensation, and Liability Act.
- GAO found DOE EM lacking in giving Congress complete information about cleanup obligations, which may affect congressional appropriations for cleanup activities.



Clean-Up Goals - Continued

- In FY 2016, GAO estimated government's environmental liabilities at ~\$447 billion, an increase from \$212 billion in 1997.
- DOE holds 83% of this estimated \$447 billion of government's liability, mostly related to nuclear waste cleanup.
- As of 2016, half of DOE's environmental liability held at two locations—Hanford Site and Savannah River Site. Both sites on Environmental Protection Agency's National Priorities List.
- In a statement from the Senate Committee on Energy and Natural Resources, a Senate aide said inadequate short-term funding will only increase long-term cleanup costs.
- Source: **Bloomberg BNA: Contaminated Federal Sites Cost \$447B in Liability, Watchdog Says**
By Sylvia Carignan - February 16, 2017

Clean-Up Goals

- As a CAB:
 - Continue to recommend DOE request adequate funding to complete clean-up activities
 - Continue to participate by giving input for the Integrated Priority List



Online Meetings

- Online meetings recently discussed in CAB Survey and Standard Operating Procedures, and this update is just for thought and comparison for SRS CAB.
- Energy Department, Environmental Protection Agency, and Washington state Department of Ecology held four State of the Site meetings last year in Washington and Oregon. This year, one meeting will take place only online, in hopes of attracting a more national audience.
- Meetings billed as “opportunity for public to discuss cleanup progress, challenges, and priorities with decision-makers.”

Online Meetings - Continued

Hanford Advisory Board implored the three agencies to stop the webinar-only approach. “While webinars are excellent tools for sharing information, they do not best serve a two-way conversation or provide meaningful opportunities for the public to influence cleanup decisions,” Hudson wrote in a letter to the agencies on the board’s behalf.



TRU Waste and WIPP

- CAB Recommendation 209 asked DOE to accelerate TRU Waste Drum Shipments to WIPP
- WIPP temporarily unable to accept shipments since a Feb 2014 fire, however, a new report by DOE developed estimates for the resumption of TRU Waste.
- Oak Ridge and SRS will be able to ship to WIPP this year



SRS Citizens Advisory Board

2017 CAB Goals



- Be good stewards of the opportunity to serve on the SRS CAB and learn about site activities and goals from first-hand, expert sources
- Receive input from each CAB member
- More public involvement (tours and events)
- Continue recommendations to DOE to express suggestions and ideas

SRS Citizens Advisory Board

2017 CAB Goals

- Be thoughtful about the work on site and recommendations made about clean-up
- Be open to process improvement – meeting formats and the best use of CAB time and energy
- Continue Student Involvement Program and work with schools to recruit students
- Look at CAB Alumni Program
- Invest in the SRS CAB – keep updated on news and events, and use that knowledge for suggestions



SRS Citizens Advisory Board

2017 CAB Goals

- New technologies always emerging, which can be valuable to SRS CAB



CAB Membership: A Responsibility



- As Citizens Advisory Board members you have:
 - The Mandate
 - The Opportunity
- To represent the interests and the views of the people of South Carolina and Georgia.
- Focus your thinking and views on how you can best carry out that role.
- Continually ask yourself, “Am I doing the best I can to represent my fellow citizens?”
- Go out and tell the world that you are a CAB member.