

Savannah River Site
Citizens Advisory Board



2019
ANNUAL WORK PLAN

DDFO Signature:

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INTRODUCTION

We, the 25 members of the Savannah River Site Citizens Advisory Board (CAB), are pleased with having developed this 2019 Work Plan to help us keep focused during the year as we provide informed and timely recommendations at the request of the United States Department of Energy, through the Savannah River Operations Office. We are looking forward to a busy year of receiving information and making recommendations.

Our recommendations fall in the areas of environmental restoration, waste management, and related activities. Each January, Department of Energy-Savannah River presents a list of planned and ongoing activities at the Savannah River Site that assists us in identifying issues and topics that are of particular interest to the CAB and will be considered as a request for public advice during the current calendar year. From this list, we developed the 2018 Work Plan as a tool to help us target appropriate topics for each of our four issues-based committees:

- Facilities Disposition and Site Remediation
- Nuclear Materials
- Strategic and Legacy Management
- Waste Management

The CAB activities for 2019 are structured to focus only on the topics identified in this 2019 Work Plan.

We invite members of the public to meet with us at our scheduled meetings and assist us as we review the topics in our 2019 Work Plan.

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 2019 include:

Topic 1	Work Plan Item:	Federal and State Oversight of Cleanup
	Description:	Environmental Protection Agency (EPA) and South Carolina Department of Health & Environmental Control (DHEC) provide oversight of Waste Site remediation at SRS. These presentations provide EPA and DHEC the opportunity to update the CAB on cleanup activities from their perspective.
	Recommendation Deadline:	N/A
Topic 2	Work Plan Item:	Annual Site Environmental Report
	Description:	The Annual Site Environmental Report (ASER) provides information to the public on environmental program performance and site-wide environmental monitoring and surveillance effectiveness. From a community perspective, provide recommendations on the ASER's reporting effectiveness.
	Recommendation Deadline:	January 2020
Topic 3	Work Plan Item:	Deactivation & Decommissioning (D&D) of Excessed Buildings
	Description:	DOE maintains a long list of excess industrial facilities to be D&D'ed. From a community perspective, provide recommendations on priorities for facility D&D (e.g. sequence preferred by community), the value to SRSCRO of individual facilities, obtaining dedicated funding for these activities or other issues.
	Recommendation Deadline:	July 2019
Topic 4	Work Plan Item:	Radiological Education, Monitoring, and Outreach Project (REMOP)
	Description:	Savannah River Ecology Lab (SREL) operated REMOP as a result of CAB Recommendation 327. From a community perspective, provide recommendations on REMOP performance.
	Recommendation Deadline:	January 2020

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 2019 include:

Topic 1	Work Plan Item:	H-Canyon and L-Basin Alternatives
	Description:	Current law (Title 50 USC section 2633) requires that H-Canyon be maintained in a high state of readiness. There are several options, all dependent on appropriations, that might be pursued in the future to process or store the L-Basin SNF Inventory. SRS DOE EM will provide a briefing on these options. From a community perspective, provide a recommendation to EM SRS as to the option, from those presented or an alternate developed by the CAB, that would best serve the environmental concerns of the community.
	Recommendation Deadline:	May 2019
Topic 2	Work Plan Item:	235-F Deactivated State
	Description:	235-F removal of Plutonium 238 is occurring to place this facility into a deactivated state. Options exist for the final end state of this facility exist and will be provided by DOE EM in a briefing. From a community perspective, provide a recommendation to EM SRS as to the option, from those presented or an alternate developed by the CAB, that would best serve the environmental concerns of the community
	Recommendation Deadline:	May 2019

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 2019 include:

Topic 1	Work Plan Item:	Budget Process and Update
	Description:	The Budget provides Savannah River Site funds to accomplish scope for the year. From a community perspective, provide recommendations on current and projected budget levels and forecasted scope.
	Recommendation Deadline:	July 2019

Topic 2	Work Plan Item:	Integrated Priority List
	Description:	The Integrated Priority List is a rank-based approach to scope at Savannah River Site. From a community perspective, provide recommendations on the Site's priorities.
	Recommendation Deadline:	March 2019 & 2020

Topic 3	Work Plan Item:	Military Partnership
	Description:	The Military continues to use Savannah River Site for training areas. From a community perspective, provide recommendations on military land use and land permit at SRS.
	Recommendation Deadline:	September 2019

Topic 4	Work Plan Item:	EM Performance Metrics
	Description:	Savannah River Site tracks progress on projects by establishing metrics. From a community perspective, provide recommendations on SRS-EM performance.
	Recommendation Deadline:	January 2020

Topic 5	Work Plan Item:	Outside Land Use
	Description:	Savannah River Site has a procedures and teams in place to process request for land use and land transfers. From a community perspective, provide recommendations on outside entities using and potentially receiving land transfers.
	Recommendation Deadline:	September 2020

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 2019 include:

Topic 1	Work Plan Item:	Tank Closure Cesium Removal (TCCR) Unit #2
	Description:	<p>Demonstration of ion exchange technology to remove cesium out of salt waste will be executed with a Tank Closure Cesium Removal Unit in FY2019 followed by a feasibility study to determine technical viability and cost effectiveness.</p> <p>From a community perspective, provide recommended prioritization of implementing a second TCCR Unit vs. other perceived needs either within LW or elsewhere.</p>
	Recommendation Deadline:	July 2019
Topic 2	Work Plan Item:	Liquid Waste Operations Update
	Description:	Report status of Liquid Waste facilities and projects to provide information to the public.
	Recommendation Deadline:	January 2020
Topic 3	Work Plan Item:	Remote Handled TRU Waste to WIPP
	Description:	<p>For the Solid Waste Program, we are evaluating the use of special shielded containers to transport Remote Handled TRU Waste to WIPP. There are ~150 containers of this waste unable to be shipped since WIPP's equipment is not operational at this time. This waste is much more radioactive than the rest of the TRU waste in SRS. The special shielded containers needed very heavy (made from lead) and expensive (around \$10,000 per container). Number of containers on a shipment would be limited because of the weight restrictions and it will cost about \$1.5 Million for the 150 containers needed.</p> <p>From a community perspective, provide recommended prioritization of procuring new containers vs other perceived needs either within LW or elsewhere.</p>
	Recommendation Deadline:	September 2019

Administrative and Outreach Committee

The Administrative and Outreach Committee shall advise the CAB on any question that arises pertaining to the substance or scope of the CAB Internal Processes. The Administrative and Outreach Committee also oversees the election of CAB and Committee Chairs. Additionally, the Administrative and Outreach Committee directs the public outreach efforts of the CAB, provides comments on membership selection to the Savannah River Site, and coordinates the Speaker Bureau project. Topics for consideration provided for the Administrative and Outreach Committee for 2019 include:

- I. Assist the Federal Coordinator with the CAB Chair, Vice Chair, and Committee Chair elections.
- II. Community Outreach
- III. Member Recruitment