



Savannah River Site Citizens Advisory Board

2020 ANNUAL WORK PLAN

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DDFO Signatures:

INTRODUCTION

We, the 25 members of the Savannah River Site Citizens Advisory Board (CAB), are pleased with having developed this 2020 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.

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 2020 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 2020 are structured to focus only on the topics identified in this 2020 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 2020 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 2020 include:

Topic 1	Work Plan Item:	SCDHEC Presentation of 2018 Environmental Surveillance Oversight Program (ESOP) Annual Report
	Description:	South Carolina Department of Health & Environmental Control (SCDHEC) conducts environmental surveillance at SRS. This presentation provides DHEC the opportunity to update the CAB on the results of their environmental surveillance activities.
	Recommendation Deadline:	N/A – Informational Presentation
Topic 2	Work Plan Item:	Savannah River Ecology Lab (SREL) Annual Update
	Description:	The Savannah River Ecology Lab (SREL) conducts ecological research on SRS and gives the CAB an annual update on the lab's mission, staffing, funding, significant events, and opportunities, emerging missions, and challenges for the upcoming Fiscal Year. From a community perspective, provide recommendations on the prioritization of SREL missions.
	Recommendation Deadline:	June 2020
Topic 3	Work Plan Item:	Area Completion Projects (ACP) Program Update
	Description:	Area Completion Projects (ACP) assesses and remediates soils, groundwater, and surface waters to protect human health and the environment, while meeting all regulatory requirements, and safely deactivates and decommissions excess facilities. ACP will present an update on the Final Approved Appendix E and the status of current and near-term remediation activities. From a community perspective, provide recommendations on the Site's future remediation priorities.
	Recommendation Deadline:	September 2020
Topic 4	Work Plan Item:	Area Completion Projects (ACP) Lower Three Runs (LTR) Integrator Operable Units (IOU) Update
	Description:	The Integrator Operable Units (IOUs) are surface water bodies and associated wetlands, including the water, sediment, and related biota. The IOU program is a phased approach for evaluating and remediating the Site's six watersheds. ACP will provide an update on the status of the Lower Three Runs IOU.
	Recommendation Deadline:	N/A – Informational Presentation

Topic 5	Work Plan Item:	Wounded Warrior/Mobility Impaired Hunter Activities
	Description:	<p>The presentation will provide an overview and history of the Wounded Warrior/Mobility Impaired Hunter events at SRS, including the addition of some new activities.</p> <p>From a community perspective, provide recommendations on the Site's Wounded Warrior/Mobility Impaired Hunter Activities.</p>
	Recommendation Deadline:	March 2021
Topic 6	Work Plan Item:	Annual Site Environmental Report
	Description:	<p>The Annual Site Environmental Report (ASER) provides information to the public on environmental program performance and site-wide environmental monitoring and surveillance effectiveness.</p> <p>From a community perspective, provide recommendations on the ASER's reporting effectiveness.</p>
	Recommendation Deadline:	March 2021
Topic 7	Work Plan Item:	How the Department of Energy (DOE) Shares Information Across the Complex
	Description:	<p>The Department of Energy has sites across the US. Often multiple sites are addressing similar situations; have implemented innovative solutions; or have information that would benefit other entities in the DOE Complex. For example, SRS created and implemented the Core Team Process to address waste units in its FFA, while other sites still struggle with the regulatory process. This presentation will describe the mechanisms that exist to facilitate sharing information or novel techniques between the different DOE sites.</p>
	Recommendation Deadline:	N/A – Informational Presentation
Topic 8	Work Plan Item:	NEPA Program Overview
	Description:	<p>The premise of the National Environmental Policy Act (NEPA) is to assure that proper consideration is given to the potential impacts prior to undertaking any major federal action that significantly affects the environment. SRS complies with the requirements of NEPA and completes numerous NEPA evaluations annually.</p>
	Recommendation Deadline:	N/A – Informational Presentation

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 spent 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 2020 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 the status of DOE's efforts in identifying the future operational option for H-Canyon. The purpose of this presentation is to meet a commitment from Recommendation Response #363. As part of this item a presentation on electrolytic dissolving will be provided to the CAB for information
	Recommendation Deadline:	N/A – Informational Presentation
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. The purpose of this briefing is to provide an update on the actions taken by DOE in the past year along with plans for future activities regarding 235-F.
	Recommendation Deadline:	June 2020
Topic 3	Work Plan Item:	Ship Pu Downblend to WIPP
	Description:	Surplus plutonium is being down blended to allow shipment to the Waste Isolation Pilot Plant (WIPP). The purpose of this presentation is to outline the actions necessary to make the shipments to WIPP.
	Recommendation Deadline:	N/A – Informational Presentation
Topic 4	Work Plan Item:	Nuclear Materials Receipts/Removal Into and Out of South Carolina
	Description:	SRS receives nuclear materials from outside the State of South Carolina and also removes material out of South Carolina. The purpose of this presentation is to explain the types of movements and how the site manages these movements from facility capacity limits..
	Recommendation Deadline:	N/A – Informational Presentation

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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 2020 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:	June 2020
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 2020
Topic 3	Work Plan Item:	SRNL Advanced Manufacturing Collaborative facility
	Description:	SRNL conducts world class research and develops new technologies. This year, SRNL received funding to build an Advanced Manufacturing Collaborative facility on the University of South Carolina Aiken campus. From a community perspective, provide recommendation on direction and status of the National Lab.
	Recommendation Deadline:	September 2020
Topic 4	Work Plan Item:	SRNL Annual Update
	Description:	DOE EM will develop a separate M&O contract to manage SRNL, thereby separating it from the current M&O to better address Strategic Partnership Project opportunities, support other DOE offices, and create a more comprehensive strategic vision. From a community perspective, provide recommendations on ensuring appropriate CAB involvement with SRNL in the future.
	Recommendation Deadline:	September 2020

Topic 5	Work Plan Item:	Site Infrastructure Update
	Description:	<p>Several site infrastructure initiatives have been discussed with the CAB in the past. CAB members would like to be briefed on the status of the site's infrastructure projects, including the status of the solar initiative briefed to the CAB last year.</p> <p>The purpose of this presentation is to provide the CAB with an update on the site infrastructure projects, including the status of the solar initiatives.</p>
	Recommendation Deadline:	N/A – Informational Presentation

Topic 6	Work Plan Item:	Forest Service/Archaeology Annual Update
	Description:	<p>The CAB would like to be briefed on the work ongoing at the forest service and in the archaeology program at SRS.</p> <p>The purpose of this presentation is to provide the CAB with an update on the forest service program and the archaeology program at SRS.</p>
	Recommendation Deadline:	N/A – Informational Presentation

Topic 7	Work Plan Item:	Sustainability at the Savannah River Site
	Description:	<p>CAB members would like to be briefed on the status of the Site's efforts to reduce the carbon footprint through the sustainability program.</p> <p>The purpose of this presentation is to provide the CAB with an update on the Site's efforts to reduce the carbon footprint.</p>
	Recommendation Deadline:	N/A – Informational Presentation

Topic 8	Work Plan Item:	Site Emergency Management Program
	Description:	<p>CAB members would like to be briefed on the Site's Emergency Management Program.</p> <p>The purpose of this presentation is to provide the CAB with overview of the SRS Emergency Management Program</p>
	Recommendation Deadline:	N/A – Informational Presentation

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 2020 include:

Topic 1	Work Plan Item:	Construction of Saltstone Disposal Units
	Description:	Saltstone Disposal Units (SDUs) are required to disposition the decontaminated salt solution produced by salt processing operations. Construction is currently planned on a just-in-time basis. From a community perspective, provide recommended prioritization of constructing SDUs as soon as possible vs. other perceived needs either within LW or elsewhere.
	Recommendation Deadline:	September 2020
Topic 2	Work Plan Item:	Liquid Waste Operations Update
	Description:	Report status of Liquid Waste facilities and projects to provide information to the public. From a community perspective, provide recommendation whether the LW programs should be accelerated through LW program completion vs other perceived needs outside the LW program
	Recommendation Deadline:	June 2020
Topic 3	Work Plan Item:	Training on Performance Assessment
	Description:	DOE must demonstrate that a reasonable expectation (assurance) exists that the design, operation, and eventual closure of facilities will meet a set of requirements established by DOE, by law, and the State of South Carolina to protect human health and the environment. A Performance Assessment is prepared to provide reasonable expectation that all performance objectives and required standards will be met. Provide training on this topic to educate the community.
	Recommendation Deadline:	N/A – Informational Presentation

Topic 4	Work Plan Item:	Solid Waste Update
	Description:	Report status of Solid Waste facilities and projects to provide information to the public
	Recommendation Deadline:	N/A – Informational Presentation

Topic 5	Work Plan Item:	Reclassification of High-Level Waste Update
	Description:	To inform the public of the progress on DOE's effort regarding the High-Level Waste Interpretation and the related Environmental Assessment
	Recommendation Deadline:	N/A – Informational Presentation

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 CAB's speakers bureau. Topics for consideration provided for the Administrative and Outreach Committee for 2020 include:

Topic 1	Work Plan Item:	Assist the Federal Coordinator with the election of CAB Chair, Vice Chair, and Committee Chairs
	Description:	Encourage members to explore leadership opportunities within the CAB.
Topic 2	Work Plan Item:	Community Outreach
	Description:	Develop a strategy to promote the Citizens Advisory Board to the community.
Topic 3	Work Plan Item:	Member Recruitment
	Description:	Develop a strategy to encourage members to recruit candidates for the CAB.

