
Savannah River Site Citizens Advisory Board (CAB)



2008 ANNUAL WORK PLAN

INTRODUCTION

The Savannah River Site (SRS) Citizens Advisory Board (CAB) is composed of 25 individuals from South Carolina and Georgia. The board members reflect the diversity of the population affected by SRS. The members, who can serve up to three consecutive two-year terms, represent areas such as business, academia, labor, local government, environmentalists, special interest groups, and the general public. Two of the membership positions can also represent economically disadvantaged persons.

The CAB is chartered to provide advice to the U.S. Department of Energy (DOE) - Savannah River Operations Office (SR) and governed by the Federal Advisory Committee Act. In addition to DOE-SR, the Environmental Protection Agency (EPA) Region IV, the South Carolina Department of Health and Environmental Control (SCDHEC) and the Georgia Department of Natural Resources are represented on the board in an advisory capacity. The CAB uses issues-based committees to focus on various topics.

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

Although there are a variety of issues of interest to the CAB, there are limits to available time and resources. The purpose of this Work Plan is to identify issues and topics that are of particular interest to DOE and to the CAB. It allows the CAB to meet its mission of providing informed and timely recommendations to DOE concerning decisions that affect SRS in areas of environmental restoration, waste management, and related activities.

The Work Plan covers the current calendar year. The committee chairs will strive to structure their activities to focus on the topics identified in the Work Plan. It is understood that other emerging issues and topics may present themselves after the Work Plan has been approved. In such cases, the CAB Chair will review and approve any committee chairperson's requests for additions to the Work Plan. If approved, the CAB Chair will submit a request to the CAB Support Team to add these additional topics to the Work Plan scope. Each request will be evaluated and a response given by DOE in a timely manner. Until such approval is received, the CAB will not pursue consideration or engage in activities related to the new issue or topic.

ACRONYM LIST

ARP	Actinide Removal Process
BRP	Burning Rubble Pit
CAB	Citizens Advisory Board
CSSC	Container Surveillance & Storage Capability Project
CSSX	Caustic Side Solvent Extraction
D&D	Deactivation & Decommissioning
DDA	Deliquification, Dissolution and Adjustment
DOE	Department of Energy
DWPF	Defense Waste Processing Facility
DUS	Dynamic Underground Stripping
EIS	Environmental Impact Statement
EM	Environmental Management
EPA	Environmental Protection Agency
ES	End State
FFA	Federal Facility Agreement
FY	Fiscal Year
LCS	Low Curie Salt
LLW	Low Level Waste
MCU	Modular Caustic Side Solvent Extraction Unit
MOX	Mixed-Oxide Fuel
NNSA	National Nuclear Security Administration
NEPA	National Environmental Policy Act
NM	Nuclear Materials
NRC	Nuclear Regulatory Commission
NRDC	Natural Resources Defense Council
PA	Programmatic Agreement
PAOU	P-Area Operable Unit
PMP	Performance Management Plan
RCRA	Resource Conservation Recovery Act
SCDHEC	South Carolina Department of Health and Environmental Control
SHPO	SC Historic Preservation Office
SL&M	Strategic & Legacy Management
SRS	Savannah River Site
SRNL	Savannah River National Laboratory
SWPF	Salt Waste Processing Facility
TRU	Transuranic
WD	Waste Determination
WM	Waste Management
WIPP	Waste Isolation Pilot Plant
WIR	Waste Incidental to Reprocessing
WOW	Waste on Wheels
WSRC	Washington Savannah River Company

ISSUES-BASED COMMITTEE DESCRIPTIONS

Strategic and Legacy Management Committee

This Committee is involved in strategic issues relevant to the future of SRS. This includes long-term policy, planning and other “cross-cutting” issues related to other CAB committees. Its work includes many programmatic topics. Specific areas of interest are development and deployment of technology, the SRS budget decision-making process, future land use, legacy management/long-term stewardship, historic preservation and relevant national environmental policy. It encourages other CAB committees to integrate long-term stewardship into issue deliberations and CAB recommendations. Topics under consideration for the Strategic and Legacy Management (S&LM) Committee in 2008 include:

- Budget Development
 - Integrated Priority List
 - Requested Budgets versus Approved Budgets
 - Planned Expenses versus Actual Expenditures
 - Budget Planning and Execution at the Project Baseline Level
 - EM Five-Year Plan
- Corporate Performance Measures and Baseline
- Land Management and Use
 - Military Operations
 - Fuel Availability for Biomass Utilization for Steam/Power Generation
 - Annual SRS Forestry Land Management Plan
- Environmental Monitoring
- Historic Preservation
 - Artifacts Identification and Conservation
 - Visitor Center/Museum
- Environmental Justice Program
- NEPA Documentation Related to SRS - Updates

Waste Management Committee

This Committee addresses the treatment, storage and disposal of various waste streams, including transuranic waste (TRU), low-level waste (LLW), mixed low-level waste (MLLW) and radioactive liquid waste (LW). This committee's goal is to reduce the highest risk to the public, workers, and the environment. Two important goals of the committee are to facilitate an effective and mutually cooperative working environment between the DOE/SRS and the respective state regulatory agencies and influence DOE to pursue a more integrated and comprehensive systems approach in its decision making process to include all risks, costs, and safety concerns associated with the various options involved with the decisions affecting SRS waste management and disposition. Topics under consideration for the Waste Management (WM) Committee in 2008 include:

Solid Waste

- Transuranic (TRU) Waste Project
 - TRU Drum Shipments
 - TRU Waste Removal from Storage PAD 1
 - Large Box Assay and Removal
 - Accelerate/Complete All Shipments to WIPP
- Low-Level/Mixed Low-Level/Hazardous Waste Disposition
- PUREX Waste Disposition Project
- DOE-EM Treatment of MOX Waste Streams
- H-Canyon Alternative Waste Initiatives

Liquid Waste

- Tank Closure Issues
 - Tanks 18 and 19 Project
 - Update on Tank 48
 - Performance Assessment Modeling including Point of Compliance Issues
 - Tank Annulus Cleaning
 - F-Area and H-Area Tank Heel Assessment and Removal
 - Waste Determinations and Interactions Between DOE, SCDHEC, EPA, & NRC
- Utilization of H-Canyon
 - Impact of Water Generation on Downstream Operating Facilities
- Interaction and Operability Issues Between Major Operating Units
- Defense Waste Processing Facility Operations
 - Long-Term Storage Needs
 - Aluminum Dissolution Effectiveness
- Salt Waste Processing Facility Project
 - Design Status, Operating Rate, Construction Schedule, and Start-up Date
 - Actinide Removal Process (ARP) and Modular Caustic Side Solvent Extraction Unit (MCU) Lessons Learned
- Saltstone Operations
- Tank Space Management
 - Key Tank Recovery (Tank 48, 50, & 25)
 - Status of Critical Components
 - DWPF Recycle Handling
 - Status of Tank Farm Space
- Interim Processing
 - DDA Processing Startup
 - ARP/MCU Processing Status
- System Planning
 - System Planning Update
 - Critical Path Update

Facility Disposition and Site Remediation Committee

This Committee addresses the remediation of contaminated areas at SRS and addresses the various types of, groundwater and surface water contamination. The Committee deals with issues related to the Federal Facility Agreement (FFA), risk management/risk assessment, the regulatory process and other cross-cutting issues that pertain to environmental restoration. The Committee also follows deactivation and decommissioning (D&D) actions taken to reduce risk and costs following a shutdown of an industrial, radioactive, or nuclear facility. Topics under consideration for the Facility Disposition and Site Remediation (FD&SR) Committee in 2008 include:

- A-Area Biomass Steam Plant Design and Operation
- P Reactor Decommissioning and Deactivation
- Building 211-F Decommissioning and Deactivation
- M-Area Operable Unit Remediation Status
- Area Completion Project Update
 - Soil and Groundwater Remediation and Technology
- FFA Appendix E
- Integrated Operable Units

Nuclear Materials Committee

This committee was established to study issues that involve nuclear materials (generally uranium and plutonium) that have an impact on present or future SRS activities. Issues include spent nuclear fuel program activities (foreign and domestic), nuclear materials management and nuclear materials integration. The committee addresses the consolidation, storage and disposition issues related to the legacy materials that were once part of the nuclear weapons production cycle that are no longer needed for their original purpose, but are not considered waste. Topics under consideration for the Nuclear Materials (NM) Committee in 2008 include:

- K-Area Projects
 - Plutonium Storage & Surveillance Programs
 - Plutonium Consolidation
 - Fire Protection Upgrades
 - Container Surveillance & Storage Capability (CSSC) Project
- Spent Fuel Storage and Disposition
 - Spent Nuclear Fuel Project
 - Spent Nuclear Fuel Shipping Casks
- Canyon Operations including Alternative Waste Disposal Options
 - H Canyon Waste Minimization
 - Nuclear Materials Stabilization – H-Canyon and HB-Line
 - Enriched Uranium Disposition Project