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**Savannah River Site**  
Citizens Advisory Board (CAB)

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**2013**  
**ANNUAL WORK PLAN**

 4/11/13  
Co-DDFO Signature & Date

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## INTRODUCTION

We, the 25 members of the Savannah River Site (SRS) Citizens Advisory Board (CAB), are pleased with having developed this 2013 Work Plan to help us keep focused during the year as we provide informed and timely recommendations at the request of the U.S. Department of Energy (DOE), through the Savannah River Operations Office (SR). 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, DOE-SR presents a list of planned and ongoing activities at SRS 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 2013 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 2013 are structured to focus only on the topics identified in this 2013 Work Plan.

We invite members of the public to meet with us at our scheduled committee meetings and assist us as we review the topics in this work plan.

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**ACRONYM LIST**

AMCAP	Augmented Monitoring & Condition Assessment Program	MOX	Mixed-Oxide Fuel
ARP	Actinide Removal Process	NNSA	National Nuclear Security Administration
ASCEM	Advanced Simulation Capability for Environmental Monitoring	NEPA	National Environmental Policy Act
BRC	Blue Ribbon Commission	NM	Nuclear Materials
CAB	Citizens Advisory Board	NRC	Nuclear Regulatory Commission
CERCLA	Comprehensive Environmental Response Compensation & Recovery Act	PMP	Performance Management Plan
CSRA	Central Savannah River Area	Pu	Plutonium
D&D	Deactivation & Decommissioning	RCRA	Resource Conservation Recovery Act
DOE	Department of Energy	ROD	Record of Decision
DRR	Domestic Research Reactor	SCDHEC	South Carolina Department of Health and Environmental Control
DWPF	Defense Waste Processing Facility	SDF	Saltstone Disposal Facility
EM	Office of Environmental Management	SMR	Small Modular Reactor
SSAB	Site Specific Advisory Board	SREL	Savannah River Ecology Lab
EPA	Environmental Protection Agency	SRNL	Savannah River National Laboratory
eSRS	Enterprise Savannah River Site	SRNS	Savannah River Nuclear Solutions
FD&SR	Facilities Disposition and Site Remediation	SRR	Savannah River Remediation
FFA	Federal Facility Agreement	SRS	Savannah River Site
FRR	Foreign Research Reactor	SEIS	Supplemental Environmental Impact Statement
FY	Fiscal Year	S&LM	Strategic and Legacy Management
GWSB	Glass Waste Storage Building	SPF	Saltstone Processing Facility
HB- Line	Process line above H-Canyon	STP	Site Treatment Plan
HEU	Highly Enriched Uranium	SWPF	Salt Waste Processing Facility
HLW	High Level Waste	TRU	Transuranic Waste
HLLW	High Level Liquid Waste	UNF	Used Nuclear Fuel
IOU	Integrator Operable Unit	USDA-FS	United States Dept. of Agriculture Forest Service
IPL	Integrated Priority List	WM	Waste Management
LEU	Low Enriched Uranium	WIPP	Waste Isolation Pilot Plant
LLW	Low Level Waste		
LW	Liquid Waste		
MCU	Modular Caustic Side Solvent Extraction Unit		
MLLW	Mixed Low Level Waste		

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## Issues-Based Committee Descriptions for the 2013 Work Plan

### *Facilities Disposition and Site Remediation Committee*

This committee addresses the remediation of contaminated soil, groundwater, and surface water. The committee deals with issues related to the Federal Facility Agreement (FFA), risk management/assessment, the regulatory process, and other cross-cutting issues pertaining to environmental restoration. The committee also follows deactivation and decommissioning (D&D) 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 (FD&SR) Committee in 2013 include:

- I. Facilities Disposition
  - a. Building 235-F
- II. Site Remediation
  - a. Updates
    - i. Federal Facilities Agreement (FFA) Appendix E
- III. Projected changes
- IV. Major Proposed changes
  - i. Annual Integrator Operable Units Program Update
  - b. Operable Units Project Updates
    - i. Five-Year Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Remedy review
  - c. Revisit of the Area Completion Strategy
- V. Environmental Monitoring
  - a. SRS Annual Environmental Report
  - b. Environmental Sampling and Monitoring in the Central Savannah River Area (CSRA)
  - c. Advanced Simulation Capability for Environmental Monitoring (ASCEM)
  - d. Frequency of On-Site Stream Monitoring
- VI. Federal/State Regulatory Oversight of Cleanup Activities
- VII. Environmental Management (EM) Website Improvement Status
- VIII. SRS Energy Management Overview
- IX. Savannah River Ecology Update
- X. ~~SRS Natural Resources Management~~ Topic Omitted by the FD&SR Chair on 3/26/13

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## *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 used 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 Committee in 2013 include:

- I. Nuclear Material Receipt and Storage
  - a. Principles of Understanding with South Carolina - Annual Shipment Report
  - b. H-Canyon Used Fuel Processing Decision Update
  - c. Used Fuel Update – Augmented Monitoring & Condition Assessment Program (AMCAP), Dry Storage Initiative, Foreign Research Reactor (FRR) & Domestic Research Reactor (DRR) receipts
- II. Nuclear Material Reuse and Disposition
  - a. Update on H-Canyon Missions (Roadmap)
  - b. Update on H-Canyon Processing Credit
- III. Strategic Initiatives and Policy Discussions
- IV. Department's Response to the Blue Ribbon Commission's Report on America's Nuclear Future
- V. Status of Enterprise SRS – Nuclear Material Initiatives

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## *Strategic and Legacy Management Committee*

This committee is involved in strategic issues relevant to the Environmental Management clean-up program at SRS. This includes performance assessments as well long-term policy, planning and cross-cutting issues related to other CAB committees. Specific areas of interest are development and deployment of technology, the DOE-SRS budget decision-making process, future land use and relevant national environmental policy. The 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 (S&LM) Committee in 2013 include:

- I. Planning & Execution Updates
  - a. Integrated Lifecycle Plan for Cleanup Program
  - b. Performance Metrics FY2013 Targets
  - c. Enterprise SRS Status
  - d. Fukushima Initiative Update
- II. Budget Request and Congressional Funding
  - a. Appropriations Status
  - b. CAB participation with FY2015 Integrated Priority List
- III. Update on SRS Natural Resources Management
- IV. Military Training Exercises at SRS
- V. Repurpose and Reuse of SRS Assets
- VI. Historic Preservation

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## *Waste Management Committee*

This committee reviews the management, treatment, storage and disposition of radioactive wastes, including transuranic waste (TRU), low-level waste (LLW), mixed low-level waste (MLLW) and radioactive liquid waste (LW) and provides advice and recommendations to DOE on these activities. Principal goals of the 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 systems approaches used in weighing SRS waste management and disposition options. Topics under consideration for the Waste Management (WM) Committee in 2013 include:

- I. Solid Waste
  - a. Solid Waste Program Status
  - b. SRS Legacy TRU Waste Program
    - i. Status and schedule for project completion
    - ii. WIPP shipping
- II. Department's Response to the Blue Ribbon Commission's Report on America's Nuclear Future
  - a. DOE Response
  - b. Consent-based Process
- III. Liquid Waste
  - a. Liquid Waste System Plan Rev. 18
  - b. Glass Waste Storage Status
    - i. Canister Interim Storage Project
  - c. Tank Closure Status
    - i. Closure progress on HLW tanks 5, 6, 12, and 16
    - ii. H- Tank Farm Performance Assessment
  - d. Salt Waste Processing Overview
    - i. ARP/MCU – Next generation solvent outage and operating performance
    - ii. Saltstone Disposal Units progress
    - iii. Salt Waste Processing Facility (SWPF) Project Baseline
    - iv. ~~Technology development and implementation of supplemental salt initiatives~~  
Topic Omitted on July 24, 2013

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## *Administrative & Outreach Committee*

This committee shall advise the CAB on any question that arises pertaining to the substance or scope of the CAB Internal Processes. This committee also oversees the election of the CAB and Committee Chairs. Additionally, the Administrative Committee directs the public outreach efforts of the CAB, provides comments on membership selection to DOE, and coordinates the Speaker Bureau project.

- I. Oversee elections of the CAB chairpersons
- II. Track and report on member attendance
- III. Coordinate input to revision of Internal Processes
- IV. Review Membership Package prepared by the DOE
- V. Coordinate Speakers Bureau Presentation
  - a. Train Speakers
  - b. Arrange for CAB members to be able to present
  - c. Coordinate Speakers Bureau Digital Video Disc (DVD)
- VI. Coordinate Social Media for the CAB
- VII. Solicit/Coordinate topics for the CAB's Newsletter
- VIII. Pursue other outreach ideas