



U.S. DEPARTMENT OF  
**ENERGY**

*Presentation to the SRS  
Citizens Advisory Board*

**2012 CAB Topics for Consideration**

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**EM** Environmental Management  
safety ♦ performance ♦ cleanup ♦ closure

# *Objective*

- **To present DOE's 2012 plans and activities for the CAB to consider for input into the development of its 2012 Work Plan and public involvement activities.**
- **Proposed plans include those identified by program managers and those which the CAB has expressed an interest in continuing involvement.**



# *Facility Disposition & Site Remediation*

- **C-Area Project Progress**
- **Annual Integrator Operable Units Program Update**
- **FFA Appendix E Projected Changes**
- **FFA Appendix E Major Proposed Changes**
- **Lower Three Runs Cleanup Approach**
- **Biomass Plants construction and Operation Update**
- **SRS Energy Management Overview**



# *Waste Management – Solid Waste*

- **Disposal of SRS Reactor Heat Exchangers**
- **Legacy Transuranic (TRU) Waste Program Update**
- **Waste Isolation Pilot Plant (WIPP) Shipping Status**



# *Waste Management – Liquid Waste*

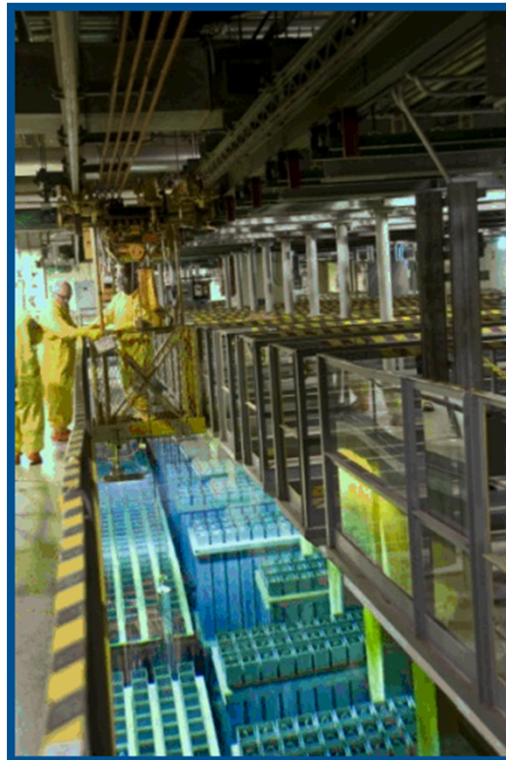
- **Cost Savings Initiative (CSI) process and resultant IPL for FY12**
- **System Plan Revision 17**
- **Glass waste storage status and storage plan to complete the mission**
- **Results of Saltstone sprint runs in Fall 2012**
- **Closure progress on Tanks 5, 6 and 16 - including H Tank Farm PA**
- **Progress on the Control Room Consolidation effort**
- **ARP/MCU life cycle enhancements and operating performance**
- **Readiness for SWPF full integration into the HLW flowsheet**
- **Overall HLW flowsheet attainment and critical system reliability**
- **Saltstone Disposal Unit status and project progress (4, 2, 3, 5 and 6)**
- **Salt Waste Processing Facility Project Update**





# *Nuclear Materials*

- **Plutonium Storage, Consolidation & Disposition Updates**
- **Used Nuclear Fuel Storage and Disposition Updates**
- **H-Canyon Missions**
- **K-Area Complex Missions**



# *Strategic & Legacy Management*

- **DOE-SR Planning**
  - EM Lifecycle Plan
  - Enterprise SRS Update
- **Budget Request and Congressional Funding Authorization**
  - Integrated Priority List
- **SRS Performance Measures**
- **US Army Training Update**
- **Update on SRS Natural Resources Management**
- **Savannah River Ecology Update**
- **SRS Environmental Report**
- **Reutilization of SRS Assets for Future Missions**



# *Enterprise SRS – Strategic Initiatives*

## Topics for Consideration

1. Center for NM Research
2. Secure nuclear fuel cycle
3. Liquid waste disposition
4. Small modular reactors
5. NM disposition paths
6. Revitalize site assets
7. Helium-3 supply (Not CAB Scope)
8. Clean alternative energy
9. Next generation cleanup
10. Center for Nuclear Forensics
11. Tritium infrastructure (not CAB Scope)
12. National Center Radioecology





# *Work Plan Changes*

- **DOE expects that the CAB will follow the topics selected for your 2012 work plan.**
- **However, DOE acknowledges that topics and issues may arise after the Work Plan has been approved.**
- **In such cases, we are requesting that the CAB Chair review and approve any Committee Chairperson's requests for additions to the Work Plan, as warranted, and make a detailed request during any full-Board meeting or via email to the CAB Support Team.**
- **Each request will be evaluated and a response given in a timely manner.**
- **The CAB is not to engage in activity regarding the requested topic until written approval has been received from DOE.**



# Summary

- **The SRS CAB is to provide informed and timely recommendations to the Department of Energy concerning decisions that affect the Savannah River Site in areas of environmental restoration, waste management, and related activities.**
- **CAB work completed during 2011 was much appreciated and your recommendations are meaningful to the Site.**
- **Use DOE's 2012 plans and activities as input into the development of the CAB's 2012 Work Plan**



# *Acronyms*

<b>ARP / MCU</b>	<b>Actinide Removal Process / Modular Caustic Side Solvent Extraction Unit</b>
<b>HLW</b>	<b>High Level Waste</b>
<b>IPL</b>	<b>Integrated Priority List</b>
<b>SWPF</b>	<b>Salt Waste Processing Facility</b>

