“SRS CAB Speakers Bureau”

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CAB Speakers Program Elements

- **Who from the SRS-CAB should participate?**
  - Past and present members
  - Individual volunteers/teams
  - Support and training

- **What should be the message?**
  - SRS history
  - SRS today
    - Production and safekeeping of nuclear materials
    - Environmental management
  - The CAB and what it does
  - Opportunity and invitation to join the CAB

- **What community groups would be interested?**
CAB Speakers Program Elements (continued)

Possible Training Topics:
- Effective speech delivery
- Learning to overcome nervousness
- Use of visual aids and podium etiquette
- Handling Questions
- Practice presentation with CAB materials
What is the Savannah River Site?

- The huge construction project required the relocation of 6000 citizens of several small towns, including Ellenton, Dunbarton, and Meyers Mill.
- Area-wise, SRS is about 200,000 acres, about the size of the District of Columbia.
- DuPont operated the facilities for 40 years.
- Until 1988, SRS produced several nuclear materials (including, plutonium and tritium) for weapons.
- Currently, SRS is a Department of Energy (DOE) facility, operated by two major contractors:
  - Savannah River Nuclear Solutions, LLC
  - Savannah River Remediation, LLC
The SRS Story Today

- Workforce of about 12,000
- Annual budget of ~$2 billion
  - 25% for nuclear materials
  - 75% for Environmental Management
- American Recovery & Reinvestment Act
  - Additional $1.6 billion over several years
  - Expedite decommissioning of reactors and site cleanup
SRS Environmental Cleanup

“2035 Completion” Projects

- Liquid Radiological Waste and Solid Waste Treatment & Processing
- Soil and Groundwater Remediation
SRS Environmental Cleanup (continued)

- Soil and Groundwater Remediation
  - 14 Groundwater Plumes
  - Area Completion Strategy (2005-2031)

- Facility Deactivation & Decommissioning
14 Groundwater Contamination Plumes

12 Active Remediation Systems
2 Airstrippers, 2 Recirculation, Dynamic Underground Stripping, 4 Soil Vapor Extraction Units (A/M Areas)
Base Injection (F&H Waste Management Facility)
Electrical Resistance Heating (Chemical, Metals, & Pesticides Pits)
Phytoremediation (Mixed Waste Management Facility)

8 Enhanced Systems
Baroballs (A/M, Miscellaneous Chemical Basin, P Burning Rubble Pit)
Microblowers (A and C Burning Rubble Pits)
Barrier walls (F&H Waste Management Facility)
T Area Edible Oil Treatment

6 Passive Systems
Monitored Natural Attenuation (Chemical, Metals, & Pesticides Pits; D Oil Seepage Basin; R Reactor Seepage Basin; K and L Burning Rubble Pits, Sanitary Landfill)

3 Systems In Shutdown
Biosparg (Sanitary Landfill)
Groundwater Waste Treatment Units (F&H)

11 Systems Pending
What is the SRS Citizens Advisory Board?

- “Site Specific” Advisory Boards have been chartered for many DOE sites
- Purpose: to advise DOE on environmental issues
- SRS CAB receives information early in the DOE decision-making process
- SRS CAB issues “Recommendations”
SRS CAB Makeup

- Approximately equal representation from SC and GA
- Members reflect the diversity of the affected communities
- Consideration given to experience and interest in issues
- Representatives from DOE, EPA, SCDHEC and GADNR sit at the table with CAB members
SRS-CAB Recommendations

- Over 260 recommendations on Environmental Management issues:
  - Prioritization of clean-up activities
  - SRS future uses
  - Radiological liquid waste treatment and tank farm closure
  - Disposition plans for surplus plutonium
  - Funding prioritization for particular projects or activities
  - Acceleration of particular remediation
  - Public tours and information

- Comments and commendations
  - Performance assessment for reactor closure
  - Significant achievements
How Can You Get Involved?

- Attend Periodic “Committee” Meetings
- Attend “Full Board” Meetings (every other month)
- Apply to become a SRS CAB member
- Contact the SRS CAB support team
  - srscitizensadvisoryboard@srs.gov