



“SRS CAB Speakers Bureau”

Art Domy, Member, Savannah River
Site Citizens Advisory Board
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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 U.S. Atomic Energy Commission contracted E. I. DuPont to build SRS in 1950.
- 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

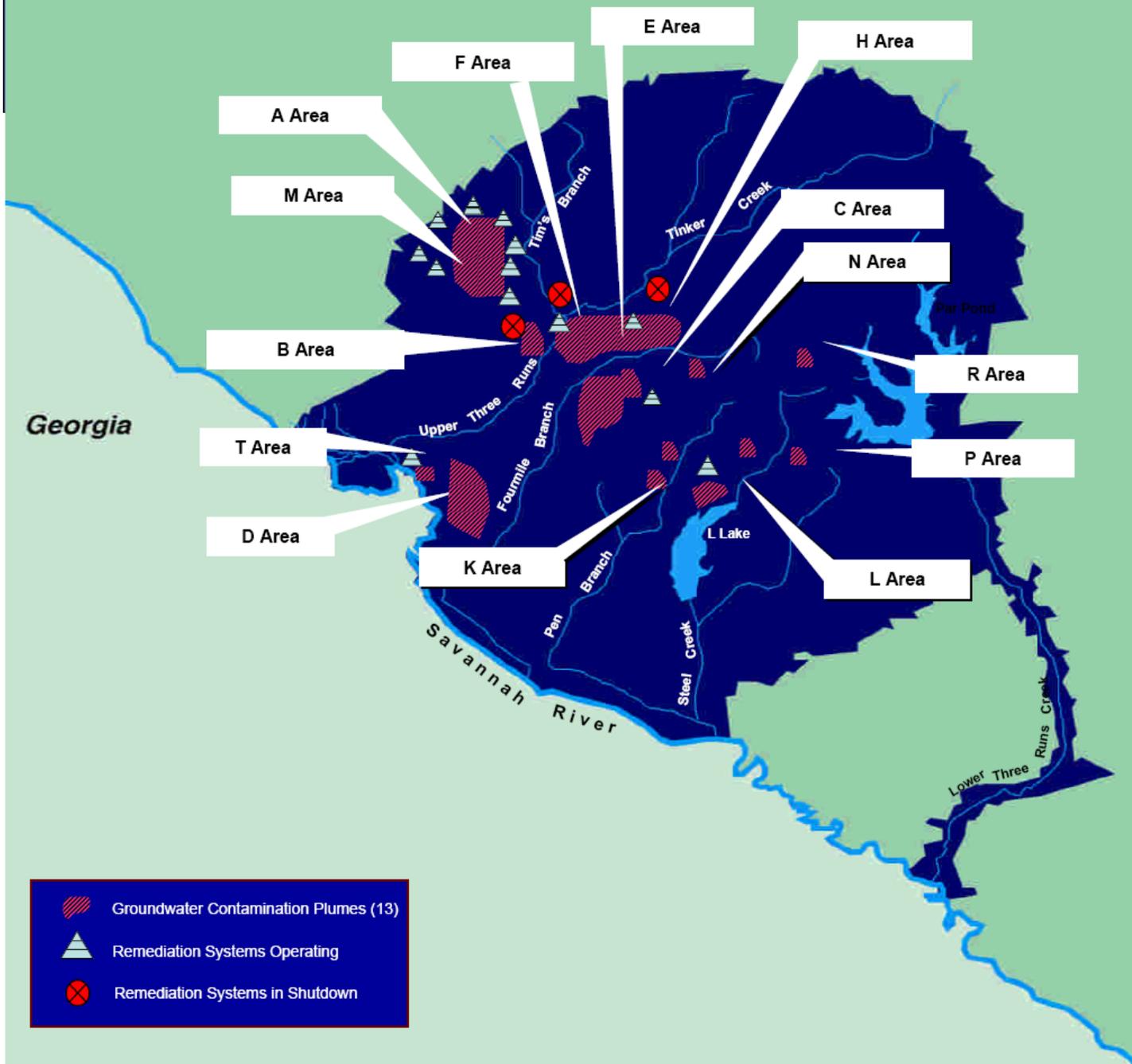


SRS Environmental Cleanup (continued)

- Soil and Groundwater Remediation
 - 14 Groundwater Plumes
 - Area Completion Strategy (2005-2031)
- Facility Deactivation & Decommissioning



Groundwater Plumes



South Carolina

Georgia

14 Groundwater Contamination Plumes

A/M, B, C, D, E, F, G, H, K, L, N, P, R, T Areas

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)

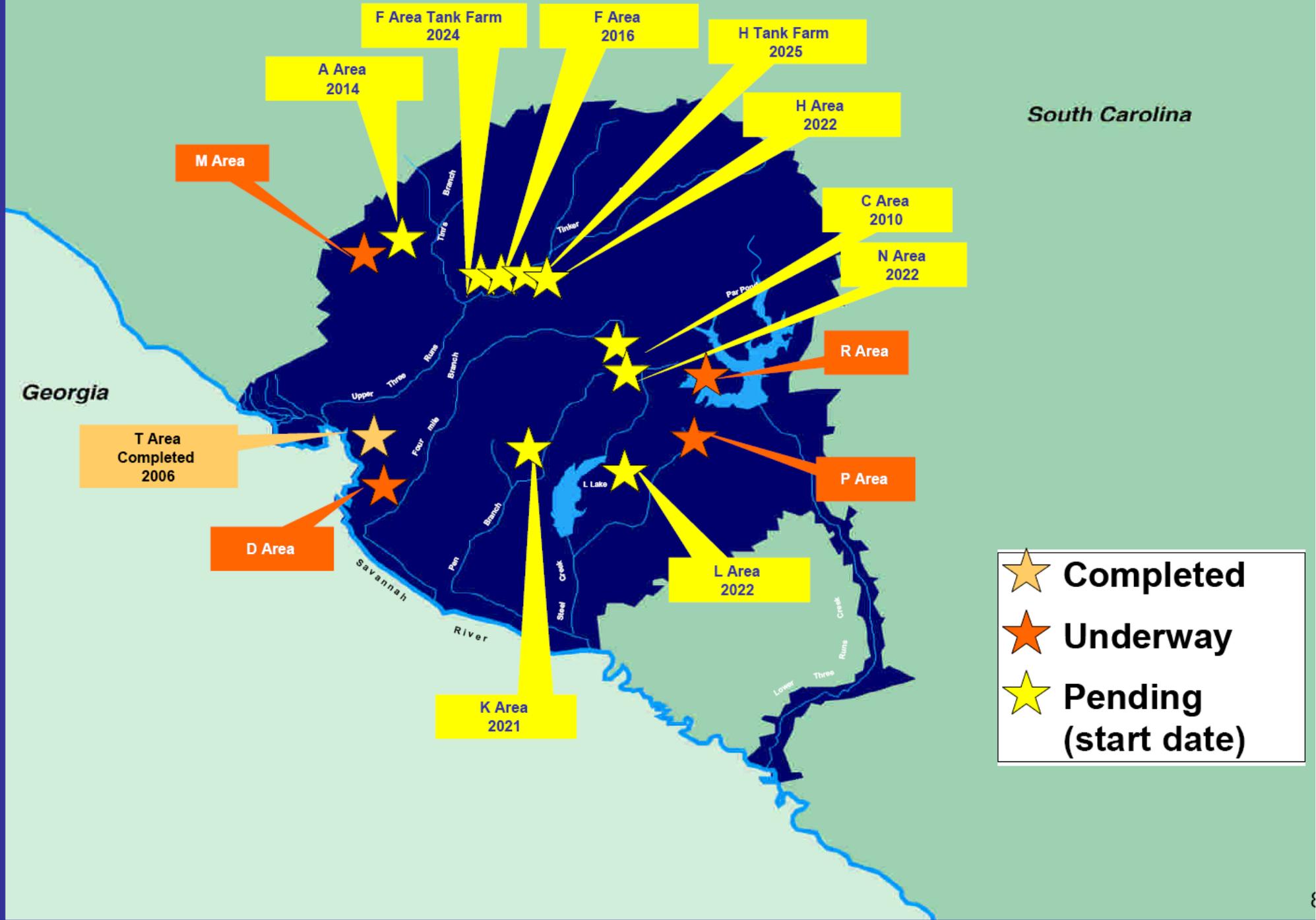
3 Systems In Shutdown

Biosparge (Sanitary Landfill)
 Groundwater Waste Treatment Units (F&H)

11 Systems Pending

- Groundwater Contamination Plumes (13)
- Remediation Systems Operating
- Remediation Systems in Shutdown

Area Completions



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)
- Explore the SRS CAB website
<http://www.srs.gov/general/outreach/srs-cab/srs-cab.html>
- Apply to become a SRS CAB member
- Contact the SRS CAB support team
 - srscitizensadvisoryboard@srs.gov

