Military Training at SRS

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DOE-Savannah River

Savannah River Site Citizens Advisory Board
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Purpose

- Provide an update on Military Training activities conducted on the Savannah River Site (SRS) during the last year and provide information on possible future training.

- Fulfill a Strategic & Legacy Management (S&LM) Committee Work Plan requirement to provide an update on Military Training at SRS
Agenda of Military Training at SRS

✓ Background
✓ Agreements
✓ Key points
✓ Facilities and Type of Training.
  • Carolina Thunder November 2014
  • Civil Support Teams (CST) and Chemical, Biological, Radiological, Nuclear, Explosives (CBRN) units are ongoing.
  • South Carolina National Guard (SCNG) Training Projects 2015
✓ Summary
✓ **CBRNE**- Chemical, Biological, Radiological, Nuclear, Explosives
✓ **CST**- Civilian Support Team
✓ **IAG**- Interagency Agreement
✓ **SCNG**- South Carolina National Guard
The Military faces a large training land shortage.

**Challenges**

- Base Closures
- Technology Changes in Weapons
- Environmental Restrictions

**Strategies**

- Maximize Management of Existing Lands
- Use of Other Federal Lands
**Department of Energy (DOE) Decision To Support**

- DOE has interest in National Security
- Compatible with SRS's missions and sustainable natural and cultural resources stewardship
- **U.S. Military benefits from the unique training capabilities afforded by SRS and Savannah River National Laboratory (SRNL) expertise**
- DOE considered the multiple use of SRS lands a prudent use of federal property
- Military use of Site is compatible with SRS Strategic Plan
- Supporting military needs is Patriotic
- SRS can also provide some unique facilities for training.
Agreements

- Department of Energy Headquarters, Department of the Army (DOE-HQDA) – June 2007
- Interagency Agreement (IAG) – September 2009 between SRS and Fort Gordon
- Memorandum of Understanding (MOU)-July 2015 between SRS and SCNG.
- Joint Standard Operating Procedure
  - Details processes and responsibilities
Key Points

• No Interference with Site Operations
• No Incremental Cost to SRS
• Military Responsible for Training Activities and overall safety
• Training events are pre-coordinated, approved by DOE, and limited to specific areas during specific times
• Training plans account for and protect Site environmental and cultural resources
• No weapons live fire training
Why is the Military so interested in our land?
Pump House
Basic Concept

- 90 Soldiers moved by CH-47s to “assault” and recapture the coal power plant.
- The ground forces were supported by over 30 aircraft (F-16s, AH-64, CH-47, UH-60 and LUH-72).
- The coal power plant was defended by over 35 Soldiers and mock Anti-aircraft armor vehicles.
Carolina Thunder
Carolina Thunder
Nuclear and Biological Training

Army National Guard Civil Support Team during Exercise Ardent Sentry, May 2013
South Carolina National Guard Projects

- **New Fire Pond Dam**
  - Remove dam (4,000 CY) soil; Place excavated soil inside pond Basin
  - Removal of intake structure
  - Install 400’ silt fence
  - Place rip-rap at dam removal location (rip-rap available at SRS)

- **B Area Storm Water Basin**
  - Remove dam; excavated soil to be placed inside the basin
  - Removal of intake structure
  - Install silt fences
  - Place rip-rap at outfall removal location (rip-rap available at SRS)

- **Sludge Lanes**
  - Clear twenty, 1000’ lanes damaged by ice storm
SCNG Training Projects
SCNG Training Projects
Summary

- Military has embraced SRS Safety Culture during training
- Strong partnership with DOE-SR and Savannah River National Lab
- Military impressed with SRS training opportunities
- SRS – Military relationship continues to mature
- Highly technical training; no injuries or destruction of DOE-SR property
- No disturbance or damage to the environment
SRS South Carolina National Guard Summer Projects

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September 22, 2015
South Carolina National Guard Projects

• South Carolina National Guard (SCNG) use the following to execute three projects at SRS:
  - National Environmental Policy Act
  - Site Use/Site Clearance
  - South Carolina Department of Health and Environmental Controls tie-ins

• The SCNG completed the following projects:
  - Central Sanitary Waste Water Sludge Lanes Clearing
  - B Area Detention Basin
  - New Fire Pond Dam Removal

• SRS saves approximately $250,000 on these project ventures
SRS Project Integration
Sanitary Waste Water Sludge Lanes Clearing Project

- Permitted by South Department of Health and Environmental Controls
- No silt fence required
- 20 Lanes, 3 football fields in length cut/cleared (ice storm damage)
- Debris and vegetation remained on-site
Sanitary Waste Water Sludge Lanes Clearing Project
Sanitary Waste Water Sludge Lane Clearing
B Area Detention Pond Project

Scope

- Install silt fence and sediment tubes
- Remove vegetation and debris from drainage ditch
- Slope and cut berm to grade; C&D Landfill
- Remove existing spillway and flow pipe (intake structure)
- Install rock check dam in place of berm
- Track and hydro-seed slopes and surroundings
B Area Detention Pond
B Area Detention Pond
Scope

- Install silt fence and hay bells and sediment tubes
- Remove dam soils (4000CY) and remove spillway and flow pipe
- Stage dam soils in soil pile area
- Grade and Slope dam area
- Replace rip-rap for dam location (check dam)
- Track and hydro-seed
New Fire Pond Dam Project
New Fire Pond Dam
Questions?