Savannah River National Laboratory™

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Chemical, Biological, Radiological, Nuclear and Explosives Training: SRNL-301-TACT

Tactical Training Exercises

Exercise Description

Savannah River National Laboratory (SRNL) offers numerous venues that can be utilized for tactical training. The venues range from standard industrial facilities (e.g., pump houses, power houses, machine shops, warehouses) to Cold War special nuclear materials processing facilities (e.g., nuclear reactors, chemical separations facilities, plutonium processing facilities). Additionally, a variety of other infrastructure is available including most modes of transportation (unimproved roads up to four lane highways), operational railroad with three locomotives, and lakes that can be used for water work). Numerous landing zones are available to accommodate rotary winged aerial insertions/extractions. The Savannah River forms part of the Savannah River Site (SRS) boundary and can be utilized for long-range water insertion/extraction. These venues can be used "as is", or a variety of props can be introduced for realism. These prop materials can include nuclear signatures (radiation and contamination). Explosive breaching and the utilization of simunitions are allowed in some facilities. The venues can provide realistic training to tactical personnel at the federal, state and local level who are tasked with special response activities. Opposing forces and role players are welcome to participate. The training typically occurs during the hours of darkness and can be tailored to include classroom instruction in chemical, biological, radiological, nuclear, and explosives (CBRNE) technologies. Multi-day exercises are possible.

Tasks and Topics

Tactical exercises are to be determined by the customer. If CBRNE elements are included, then the following tasks and topics may be addressed or tailored based on the customer's needs.

- Using available CBRNE monitoring instrumentation, determine limits of the spread of surface contamination, the operational limits relative to airborne contamination, and the limits of a radiation area
- Selecting and donning personal protective equipment (PPE) for down-range operations to include first entry and modifications for subsequent entries
- Selecting the appropriate location for the establishment of a hotline and the subsequent configuration and setup of an operational hotline
- Entering a contaminated operational environment and performing job-related tasking
- Transferring collected materials out of the hot zone with appropriate packaging of materials for transport to other fixed assets for further analyses
- Exiting the Contamination Area in such a manner as to not spread contamination into designated clean areas, or onto themselves or others

Other tasks and topics may be addressed as requested based on the team's protocols and procedures.

Tactical training during Ardent Sentry

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Completion

At the conclusion of the exercises, if CBRNE elements are included, SRNL personnel will provide immediate feedback to participants relative to their performance to expected standards. SRNL will also provide a written critique to the sponsoring agency within two weeks of conclusion of the training.

Target Audience/Discipline

Personnel tasked to provide special response activities in a variety of operational environments. This would include agencies of federal, state, and local governments and law enforcement, or other skilled personnel who may be needed down range.

Location

A selected facility at SRS and SRNL in Aiken, S.C.

Compliance

Per customer requirements

Enrollment Information

Duration: Dependent on team numbers and objectives

Format: Field exercises

Prerequisites: None

Contact: CBRNE_Training@srnl.doe.gov

Former nuclear facility

Simulated urban landscape

For more information on CBRNE training, contact:

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SRNL-MS-2013-00148 13CC00078KP