# Answering the Call...



*INL is committed to support emergency responders called to duty in the face of a terrorist attack.*

National Security

## WMD Training

***Comprehensive classroom and realistic field training for emergency responders***

### *WMD Response Teams*

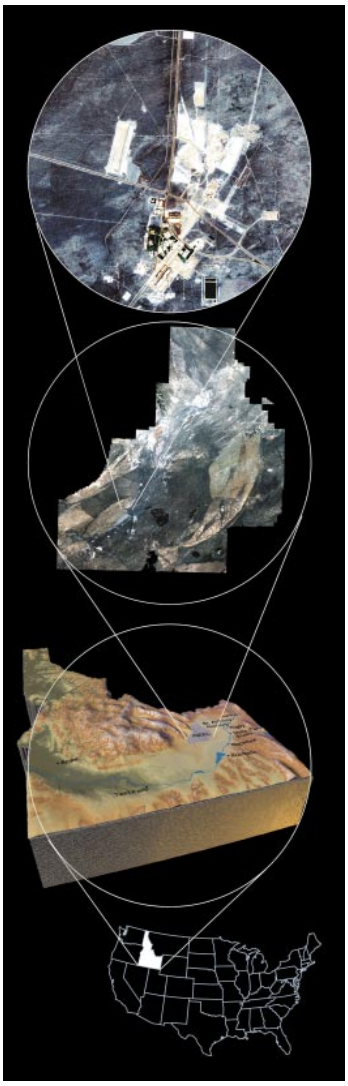
In 1997, the Secretary of Defense made a recommendation to establish weapons of mass destruction response teams in the wake of national concern over terrorist events such as the World Trade Center and Oklahoma City bombings. Subsequently, Congress funded a conceptual study, which resulted in funding in the 1999 Defense Budget for the formation of Civil Support Teams.

In 2002, the Idaho National Laboratory (INL) teamed with the West Desert Test Center (WDTC) at Dugway Proving Grounds, Utah, to offer expert training courses and optimal training environments to a variety of military and civilian groups.

While the WDTC, Special Programs Division, specializes in realistic, challenging training regarding threats from chemical and biological weapons of mass destruction, INL provides hands-on training and radiological expertise. INL has been in the nuclear/radiological science business for over five decades – safely designing, constructing and operating over 50 one-of-a-kind nuclear reactors on its 890-square mile desert test range. INL has collaborated with WDTC to

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INL Idaho National Laboratory
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*The vast INL Test Range is a secure, isolated microcosm of much of the nation's infrastructure.*

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augment radiological training to their repertoire of chemical and biological weapons training.

Specialized incident response teams from all across the United States have taken advantage of the comprehensive classroom, practical and realistic field training provided by the INL to enhance their capabilities and sharpen their skills for response to radiological WMD.

### *Facilities and Test Range*

INL offers distinctive assets and capabilities that enhance its comprehensive training, including:

- Professional and comfortable conference rooms for classroom/practical instruction
- Unique infrastructure; multi-room, multi-level buildings for field exercises
- Full participation from fire departments to support incident command structure
- Variety of real radiological sources
- Live Fire Test Range
- Helicopter landing sites
- Classified project accommodations
- Collapsed structure (in cooperation with RIG in Oklahoma City, Okla.)
- DOE Radiological Assistance Program (RAP), Region 6, expertise and support

Additionally, INL's 890-square-mile Test Range – containing infrastructure replicating that of a small city with its own power distribution, transportation, and telecommunications facilities – offers a realistic training environment that is safe, remote and secure.

### *From Our View*

Incident response teams attending our course are well trained to respond to domestic incidents involving use of weapons of mass destruction. It is our goal to deliver a course that builds upon their existing knowledge and provide a realistic platform to "field" the lessons learned in the classroom. Hands-on instruction is a proven effective method of teaching and learning the philosophies of emergency response. INL strives for realism and spares no detail when it comes to providing this vitally important training that may one day be put to use under real-world conditions. "Train as you fight – fight as you train."

### *Training Services*

In addition to our comprehensive experience and expertise in the nuclear and radiological world, we also partner with DPG for their proficiency in the chemical and biological arenas. For those clients that desire a "one-stop-shop" for chem./bio/rad – we provide an all-in-one solution.

Our Mobile Training Team delivers tailored training and field exercises. Our course modules are adaptable to your group's specific needs and are scalable in size/complexity (one-on-one practical exer-



*Instructors are committed to the success of the incident response team, acting as a mentor and delivering immediate feedback.*

cises up to large, multi-agency field exercises).

The DOE Radiological Assistance Program (RAP) Team directly contributes to the overall success of our training program. Each individual on this elite, highly specialized team possesses 15 to 30 years experience.

### *Course Description*

Our course was designed with built-in flexibility. This is essential, as customers have their own set of detailed objectives. We work closely with the end user, from the onset of initial planning to the conclusion of the course, to ensure we meet all expectations to the best of our ability.

We focus our efforts in the areas of nuclear and radiological threats – emphasizing a high level of awareness and understanding of the associated hazards, confidence in detection and assessment equipment, identification of radiological isotopes, biological effects and personnel safety.

The basic course is three days: one day of classroom instruction, one day of hands-on practical exercises and workshops, and a final day of field exercises, complete with real radiological sources and props to create a realistic WMD situation.

Classroom content can be taught at various levels of instruction (initial, advanced or refresher). Course modules include:

- Radiological Basics
- Measuring Radiation

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***INL's WMD training provides a realistic platform for applying classroom lessons to hands-on field exercises.***



***Comprehensive classroom instruction teamed with hands-on exercises and dynamic instructors provide diverse levels of instruction.***



*A WMD-Civil Support Team arrives on scene to support the INL Fire Department as part of a radiological WMD field exercise. All field exercises are scenario-based and written to address the team's specific mission and objectives.*

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- Biological Effects
- Dose and Contamination Control
- Patient Care
- Instrumentation
- Sources of Assistance
- Transportation of Radioactive Material

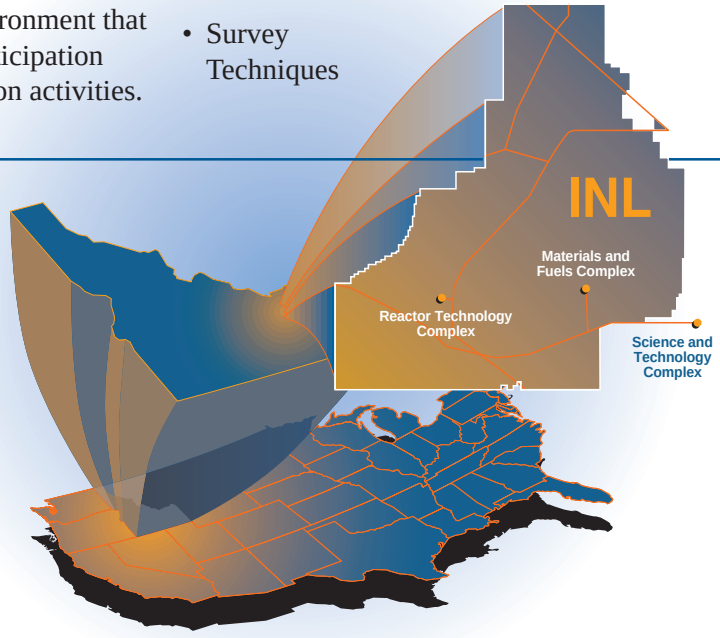
The practical exercises and workshops provide an interactive environment that encourages participation through hands-on activities.

Best practice tactics, techniques and simply "solutions that work" are solidly grounded upon actual experience in operations, training and exercises. All clients will employ their own radiological detection and assessment equipment for these exercises. Practical exercises include the following activities:

- Personnel Decontamination
- Survey Techniques
- Instrumentation Selection and Use
- Radiation Measurements and Conversions

We have conducted numerous exercises for the National Guard WMD-Civil Support Teams and use this experience as a model to develop other field exercises. However, we produce tailored field exercises based upon the customer's mission.

The CST mission is to deploy to an area of operation in support of the local incident commander and *assess* a suspected chemical, biological or radiological event; to *advise* civilian responders regarding appropriate actions; and *facilitate* requests for assistance to expedite arrival of additional state and federal assets to help save lives, prevent human suffering, and mitigate property damage.




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## For more information

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