



## Alarm Response Training

Recognizing that an effective security system requires a well trained and equipped response force capable of responding to an alarm event in a timely manner, the National Nuclear Security Administration's (NNSA's) Office of Radiological Security (ORS) developed the Alarm Response Training (ART) course.

This training is tailored specifically to the responsible on-site parties and local responders who support the protection of sites with nuclear and radiological materials. The course offers participants hands-on training in realistic settings, using actual radiation sources and protection equipment. The ART course is structured to:

- Prepare responders to protect themselves and the public when responding to security alarms at locations known to use or store nuclear and/or radioactive materials;
- Offer operationally based practical exercise scenarios that build on classroom instruction and engaging table-top exercises;
- Provide a flexible format that adapts the training for each specific site and organization in attendance, including:
  - Unarmed response personnel (radiation safety officers, guards)
  - Armed response personnel (sworn officers)
  - Off-site response personnel (supporting local law enforcement). ■

*"ART is a well-oiled machine that puts everyone on the same plane. Having a common goal and understanding of how you fit into that plan makes all the difference."*

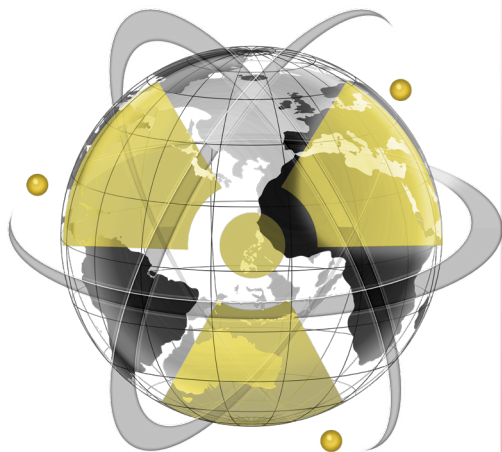
—Tom McMahon, Tufts Medical Center

Since January 2009, Y-12 has trained more than 6,400 personnel, from 48 states and 19 countries, through the ART program.

In addition to local law enforcement and health safety personnel, domestic participants include Counterterrorism units, FBI Weapons of Mass Destruction coordinators, Department of Homeland Security, and Nuclear Regulatory Commission personnel.

International guests include representatives from INTERPOL, European Union states (EUROPOL) and the International Atomic Energy Agency.





*"The trainers have everything to do with the success of the program. The staff members are knowledgeable, fun, and helpful, but it's their experience that makes them so credible."*

—Amy Krohn, Versiti Wisconsin



## ART COURSE DESIGN

Alarm Response Training prepares personnel responding to security alarms at sites with civilian radiological or nuclear material. ART provides an opportunity for security forces, health and safety personnel, law enforcement officials, and other responsible parties to develop, discuss, and exercise their own response plans, procedures, and protocols when responding to a theft event involving risk-significant nuclear and radioactive materials.

This voluntary program is FREE. The ORS funds all expenses (travel, meals, etc.) except the trainee's time. Facilities participating in ART are scheduled for courses conducted throughout the year at NNSA's Y-12 National Security Complex in Oak Ridge, Tenn. ■

## ORS OVERVIEW

The NNSA Office of Radiological Security's mission is to reduce and protect vulnerable nuclear and radiological material located at civilian sites worldwide. ORS supports the U.S. Department of Energy's nuclear security goal by preventing terrorists from acquiring nuclear and radiological materials.

**ORS works to further increase the protection of nuclear and radioactive materials located at civilian facilities through voluntary security enhancement efforts.**

These voluntary security enhancements reduce the threat of nuclear or radiological terrorism by focusing on four core areas:

- (1) Removal of unwanted sources through the ORS Off-Site Source Recovery Project;
- (2) Detection of unauthorized access to nuclear or radioactive materials via remote monitoring, access control, motion detection, and cameras;
- (3) Delay accomplished with in-device delay mechanisms, tie downs, and hardened doors/rooms intended to impede material removal; and
- (4) Response to alarm activation through enhanced response equipment, alarm response training, and table-top exercises. ■

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