

"Training tools for an increasingly complex and dangerous job"



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Terrorism: Radiological Weapons

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About Radiological Terrorism

Acts of terrorism are on the rise and emergency response agencies are seeking to protect their communities. Terrorist incidents are usually categorized by the weapon used. Traditionally, weapons of mass destruction fall into four categories: explosive & incendiary, chemical, biological and radiological. Although all types of terrorist events are fearsome, radiological incidents are of particular concern because the effects of contamination, which may be immediate or latent, can lead to cataracts, cancer, shortened lifespans and genetic alteration. Possible scenarios involving radiological weapons range from attack by nuclear warheads left over from the Cold War, to attacks on nuclear power plants, to attack by improvised nuclear devices - INDs - which could be constructed from stolen radiological materials. An attack with a dirty bomb is considered the most credible threat - and while casualties might be limited, the greatest problem could be the psychological effects caused by such an attack.

About the program

"Terrorism: Radiological Weapons" examines the many issues emergency responders face when preparing for or responding to terrorist incidents involving radiation. The program discusses the nature of radioactivity as well as associated health hazards for high and low levels of exposure, including both immediate and long-term symptoms. Exposure limits for emergency response activities and survival are explained.

The program describes ways terrorists may use radioactive materials to create weapons. The viewer learns how emergency responders use radiation alert devices to monitor radiation, such as radiological survey instruments, contamination survey instruments, dosimeters, and pager sized electronic radiation detectors. Safety measures outlined for emergency responders include appropriate use of protective clothing and equipment; proper search and rescue procedures; hazard & risk analysis; and using time, distance & shielding for protection.

Other topics covered include routes of exposure, determining the size of control zones, limiting the spread of contamination, size-up issues, managing victims, triage, decontamination, and managing waste. A Leader's Guide is included which outlines a complete training seminar, including pre- and post-seminar tests, ideas for classroom and field activities, a copy of the script for reference, and additional information that will be of interest to participants.

About the series

"Terrorism: Radiological Weapons" is part of Emergency Film Group's timely *Terrorism Response* series. This series is designed for firefighters, hazmat teams, bomb squads, police, EMTs, and other local emergency personnel who are likely to be at the scene of a terrorist event before federal response agencies arrive. Titles in the series include "Terrorism: 1st Response," "Terrorism: Biological Weapons," "Terrorism: Chemical Weapons," "Terrorism: Explosive & Incendiary Weapons," "Terrorism: Radiological Weapons," "Terrorism: Roll Call Edition," "Terrorism: Medical Response," "Detecting Weapons of Mass Destruction," "Mass Decon" and "Response to Anthrax Threats."

About the technical committee

Emergency Film Group programs are created with the assistance of leaders in emergency response training. Technical committee members for "Terrorism: Radiological Weapons" include

the following authorities:

Phil Currence, Deputy Commander, U.S. Public Health Service (Dept of Homeland Security - Central US NMRT);

Capt. Bill Hand, Houston Fire Dept. (ret.); Houston HMRT. As a member of Houston's HMRT, Bill has responded to several thousand calls involving almost every type of container and chemical;

Howard Dickson, Environmental Safety & Health Division Manager, EG&G Nevada Test Site where he manages work for the Department of Homeland Security concerning radiological dispersal devices;

Chris Hawley, FBN Training. Chris is a retired Fire Specialist with the Baltimore County Fire Department where most recently he was the Special Operations Coordinator;

James W. Malinoski, Captain, MSC, U.S. Navy (Ret); Radiological Health Physicist. In the Navy he designed and developed the Navy RADCON accident response team;

Lt. Cdr. Tom Rancich, Off-Shore Consulting; U.S. Navy Seal (ret.). Tom served several operational tours with the Navy SEALs and Naval Special Warfare Group. Currently he consults on antiterrorism programs;

Dr. Paul Rega, M.D., FACEP, University of Findlay Center for Terrorism Preparedness. Dr. Rega founded the OH-1 DMAT in 1985 and established it with the National Disaster Medical System.

Cheryl E. Weaver, RT, EMT-P, HMT, radiological technician, paramedic and hazmat technician with Docimo & Associates.

About the Emergency Film Group

Emergency Film Group, a division of the Detrick Lawrence Corp., was established to distribute quality training films for emergency response and right to know education. Firmly committed to accuracy, EFG uses the best qualified advisors and production crews to ensure that programs are not only exciting to watch, but are also accurate in every detail.

EFG's worldwide list of customers range from large petrochemical companies, to government agencies, to small town fire departments. Every film comes with EFG's 30-day money-back guarantee if the customer is not 100% satisfied.

For a free color catalog describing all programs available from the Emergency Film Group, please call the toll-free number below.

**Prices for "Terrorism:
Radiological Weapons"
(Video/DVD plus Guide)**
VHS purchase-\$450 DVD purchase-\$450
10-day rental - \$150
5-day preview (for evaluation only) - \$20
All prices in US currency. Shipping & handling extra
unless order is prepaid (US only)

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