

# LIVE RADIATION SOURCE DRILLS

We have completed sessions in Topeka, Omaha, Kansas City and Springfield, MA. They have all been extremely successful in providing all of the participants with a real response scenario using live radiation sources. We also provide sources to support TRG and DOE as they train responders for many other emergency response teams.



## Technical Resource Group

Tom Clawson is the owner of Technical Resource Group. He and his team are contracted by the DOE to provide training to hundreds of emergency responders each year. Tom's group has a very high level of expertise in various emergency response and radiological backgrounds. This experience provides emergency response personnel with the best training possible from professionals that have worked previously as first responders.

Because of Tom's background in radiation safety he understands the importance of hands-on training when teaching basic radiological principles and instrumentation. To achieve the best, most realistic training, Tom partnered with Qal-Tek Associates to provide radioactive sources for his TEPP / MERRTT exercises.

Qal-Tek provided various sources with a range of activities that allowed first responders to see how their instrumentation actually responded to the radiation sources. Using actual sources caused many of the participants to be hesitant at first because previous training had either used simulated sources or very low level check sources. By the end of the training the participants were comfortable with their instrumentation, as well as with basic radiological principles. Time, distance and shielding were taught using the sources provided. A demonstration of the inverse-square law and how to shield radiation using whatever material is on hand was taught. The exercises also provided training on how instrumentation responds at the saturation level, and the importance of knowing the instrument's limitations. At the end of the sessions the participants thanked us for taking away some of their fear of radiation and for helping them become more comfortable with their equipment.

## The TEPP Program

In an effort to address responder concerns, the Department of Energy retooled its approach to emergency responder preparedness and implemented the more simplified and responder-friendly Transportation Emergency Preparedness Program (TEPP). TEPP is a component of the overall comprehensive emergency management system established by DOE Order 151.1, Comprehensive Emergency Management System. TEPP integrates a basic approach to transportation emergency planning and preparedness activities under a single program with the goal to ensure DOE, its operating contractors, and state, tribal, and local emergency responders are prepared to respond promptly, efficiently, and effectively to accidents involving DOE shipments of radioactive material. TEPP is designed and implemented using an approach to ensure that initial responders to a radiological transportation accident have the necessary knowledge and skills needed to effectively and safely mitigate the accident. TEPP has developed the Modular Emergency Response Radiological Transportation Training (MERRTT) program. MERRTT provides fundamental knowledge for responding to transportation incidents involving radiological material and builds on training in existing hazardous materials.

**CALL US TODAY TO DISCUSS HOW TO SCHEDULE OR RECEIVE MORE INFORMATION ON THE LIVE DRILLS!**