

ORS International Response Training

Managing Potential Risk Today

The Department of Energy/National Nuclear Security Administration's (DOE/NNSA) Office of Radiological Security (ORS) works with international partners in more than 80 countries to enhance the security of high-activity radioactive sources worldwide. ORS offers International Response Training to global partners to further develop response capabilities to prevent the theft of radioactive sources.

Responders Critical to Radiological Security

Facilities that use high-activity radioactive materials can be vulnerable to both outsider and insider threats. Hospitals, research laboratories, and industrial facilities are open to civilians and are, therefore, considered soft targets. These facilities can be easily accessed, and their security personnel do not always have the ability to defeat a determined and highly capable adversary. A well-equipped, well-trained response force of appropriate size is needed to contain an adversary that attempts to steal radioactive sources before they leave the facility.



Training for Partner Country Responders

ORS offers a 4-day International Response Training course for partner country responders and site security personnel that are responsible for responding to a radiological theft event. The course is designed to assist countries with establishing and sustaining effective radiological theft response capabilities. In addition to response training, facilities and response entities are provided the opportunity to collaborate on response planning and improved communications. Responders are also made aware of locations and security systems protecting radiological sites within their jurisdiction.

Upon successful completion of the International Response Training course, participants will be able to:

- Define roles and responsibilities of various on-site and off-site response entities.

- Identify local radioactive sources of concern and associated security systems.
- Explain protection strategies that first responders can follow to protect themselves and others during a radiological theft event.
- Describe potential threats.
- Explain fundamentals of physical protection.
- Produce a response plan for an existing or hypothetical facility.
- Evaluate the effectiveness of a response plan through facilitated scenario analysis.



For more information, contact: ORSinfo@nnsa.doe.gov.