

International Activities

OSRP staff cooperate with international organizations and countries for repatriation of radioactive sources to their country of origin; particularly repatriation of US-origin material.



This has included OSRP Staff visits to Albania, Argentina, Armenia, Australia, Austria, Azerbaijan, Bangladesh, Bolivia, Brazil, Canada, Chile, China, Colombia, Costa Rica, D.R. Congo, Denmark, Dominican Republic, Ecuador, El Salvador, Ethiopia, France, Georgia, Germany, Ghana, Guatemala, Honduras, IAEA, India, Israel, Italy, Ivory Coast, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Lithuania, Malaysia, Mauritius, Mexico, Mongolia, Morocco, Nicaragua, Nigeria, Panama, Peru, Puerto Rico, Russia, Singapore, South Africa, Sri Lanka, Sweden, Switzerland, Tajikistan, Tunisia, Uganda, Ukraine, UAE, Uruguay, Uzbekistan, and Yemen.

Register Sources Online

Please register unwanted sources using the online registration instructions provided on our web-site:

<http://osrp.lanl.gov>

Also visit the website for additional information about activities and capabilities of the Project.

Questions about source registration may be directed to OSRP by calling toll free 877-676-1749 or sending email to osrp@lanl.gov.



Excess/Unwanted Sources?

Licensees should register all excess and unwanted radioactive sealed sources with OSRP for recovery consideration.

OSRP recoveries of transuranics and beta/gamma sources are generally prioritized on the basis of activity and level of security. Where numerous sources of lower activity are present at a single location, consideration is given to the total activity from a security perspective.

If OSRP cannot recover the sources directly, OSRP staff can often identify other options that may be helpful to remove sources for secure storage or disposal.

Sealed sources containing the following nuclides are included in the OSRP mission to some degree:

^{238}Pu	^{90}Sr
^{239}Pu	^{137}Cs
^{241}Am	^{60}Co
^{252}Cf	^{192}Ir
^{244}Cm	^{226}Ra

Contact OSRP for more information.

Contact OSRP:

Los Alamos National Laboratory
PO Box 1663, Mail Stop: E539
Los Alamos, NM 87545

Phone: (505) 667-4711
Toll Free: (877) 676-1749
Fax: (505) 665-7913

Email: osrp@lanl.gov
<http://osrp.lanl.gov>

LA-UR 12-00002



Off-Site Source Recovery Project (OSRP)

National Security through Source Recovery



Off-Site Source Recovery Project

The Off-Site Source Recovery Project (OSRP) has a National Nuclear Security Administration (NNSA) sponsored mission to eliminate excess, unwanted, abandoned, or orphan radioactive sealed sources from the environment that pose a potential risk to national security, public health, and safety.

The Project is part of NNSA's Office of Global Threat Reduction (NA-21) and is managed at Los Alamos National Laboratory (LANL) through the Nuclear Engineering & Nonproliferation Division.

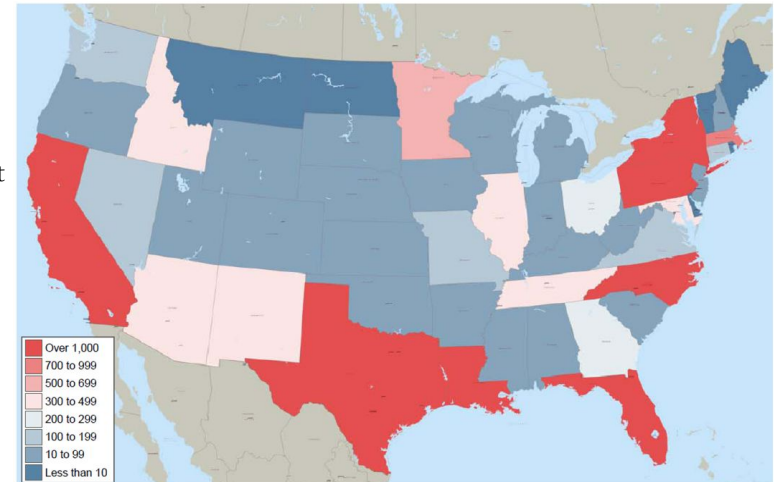
OSRP enhances safety and security by aggressively removing radioactive materials from the environment that could pose a terrorist threat if improperly acquired.



Project Summary

- ★ OSRP has removed nearly 30,000 radioactive sealed sources containing more than 835,000 Curies of material from about one-thousand industrial, educational, healthcare, and government facilities worldwide since 1997.
- ★ The project recovers and secures an average of roughly 2,000 sources each year from US-domestic locations.
- ★ The vast majority of sources secured by OSRP contain transuranic material, such as americium and plutonium.
- ★ Sources recovered are prepared and packaged for disposition at DOE-authorized disposal facilities in the US; and transported in accordance with applicable regulations.
- ★ OSRP operational capabilities span many different areas of expertise. Personnel can assist with sealed source identification, packaging, transportation, secure storage and disposition; all in accordance with regulatory requirements.
- ★ In addition to performing source recovery and disposal operations, OSRP personnel collaborate with other DOE/NNSA personnel to provide instruction and training on radioactive source search and secure techniques to other countries' regulatory authorities.
- ★ OSRP personnel also provide Radioactive Source Recovery Integrated Training to countries such as China, to foster an overall awareness of the need to actively ensure security of radioactive sources at all levels of use, storage, and transportation.

OSRP Sources Recovered



- ★ Even as OSRP continues their priority domestic recovery mission, new DOE/NNSA directives are evolving to include expanded work overseas, transportation security technologies, and package development.

For more information about OSRP, their mission, and accomplishments, please visit

– <http://osrp.lanl.gov>.

