

International Activities

OSRP staff cooperate with the International Atomic Energy Agency (IAEA) and bilaterally with other international organizations and countries for repatriation of radioactive sources to their country of origin; particularly repatriation of U.S.-origin material.



This has included OSRP Staff visits to Argentina, Australia, Austria, Bolivia, Chile, China, Costa Rica, Denmark, Ecuador, El Salvador, France, Guatemala, Honduras, Israel, Italy, Mexico, Nicaragua, Panama, Russia, Singapore, South Africa, Sweden, Switzerland, Ukraine, and Uruguay.



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:

^{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: J552
Los Alamos, NM 87545

Phone: (505) 667-7440

Toll Free: (877) 676-1749

Fax: (505) 665-7913

Email: osrp@lanl.gov

<http://osrp.lanl.gov>

LA-UR-06-4654

Off-Site Source Recovery Project (OSRP)

National Security through Source Recovery



Register Sources Online

Please register unwanted sources using the online registration instructions provided on our website:

<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.



NNSA
National Nuclear Security Administration

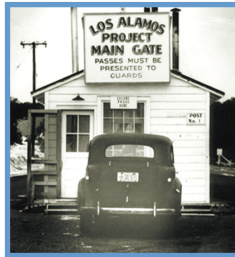
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Off-Site Source Recovery Project

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 health, safety, and national security.

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

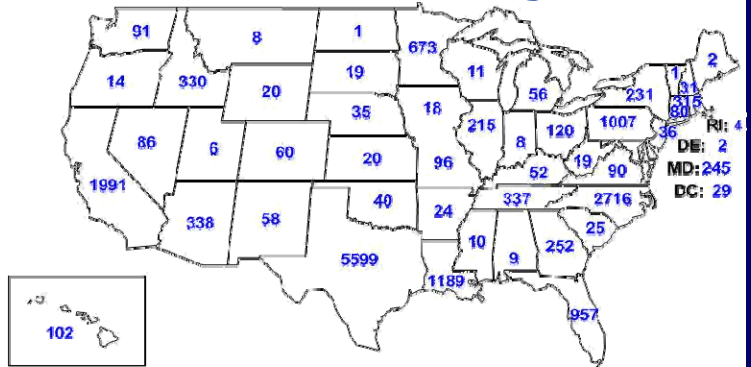
OSRP enhances public safety and homeland security by aggressively removing radioactive materials from the environment that could pose a terrorist threat if improperly acquired.



Project Highlights

- ★ OSRP has removed more than 17,000 radioactive sealed sources containing more than 189,000 Curies of material from over 600 industrial, educational, healthcare, and government facilities across the U.S. since 1999.
- ★ DOE/NNSA Defense Determinations provide OSRP a final disposition pathway for ^{239}Pu , ^{238}Pu , and ^{241}Am sources which are sent to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, N.M.
- ★ In 2006, OSRP recovered and secured the last known public sector unwanted $^{239}\text{Pu}/\text{Be}$ neutron sources from within the U.S. (all have been sent for disposal). Recovery of U.S.-origin plutonium remains a priority of OSRP.
- ★ Developed and obtained certifications for field-sealable special form capsules and a Type A Fissile shipping container.
- ★ Support development of replacement containers for 20WC and 6M Specification Packagings.
- ★ In 2005, OSRP instrumented removal of 57,058 Curies of ^{60}Co from a university campus in downtown Atlanta; and also recovered 13 heavily shielded ^{137}Cs devices, known as Gammators. These Gammators were removed from a hospital, a high school, five small colleges, and six universities. Locating and recovering Gammators remains a priority for OSRP.

OSRP Recoveries by State



Total Sources: 17,684 (189,752 Ci)
As of June 9, 2006

- ★ As OSRP continues their domestic recovery mission, new NNSA directives include recovery and repatriation of U.S.-origin sources currently located at foreign locations.

