# MAIL-BACK PROGRAM



Curie Environmental Services, LLC, a Tradebe Company, offers a user-friendly, nationwide Mail-Back Program for the safe and compliant recycling of small quantities of radioactive materials. DOT-approved packaging simplifies the process: just follow the provided instructions, apply the pre-printed label, and hand the package to the courier. Materials are processed at our licensed facility in Albuquerque, NM. We accept a wide range of items, including smoke alarms, tritium exit signs, self-luminous products, sealed sources, & more—ensuring responsible management from start to finish. We can also manage Mail-Back items through onsite packaging & removal.

**EACH CURIE MAIL-BACK KIT INCLUDES:** DOT-compliant packaging | Prepaid UPS Shipping (both directions) | DOT training acknowledgement form | Full processing at Curie's facility | Certificate of Transfer & Recycling

# SMOKE ALARM RECYCLING

Ionizing / non-ionizing smoke alarms, which contain radioactive materials, are regulated under universal and e-waste laws that prohibit municipal disposal. These kits streamline compliant recycling for homes, schools, and commercial buildings.

#### **Devices Accepted:**

- Ionizing smoke alarms containing Am-241, Ra-226, or Ni-63
- · Non-ionizing smoke/CO alarms with battery management



# **EXIT SIGN RECYCLING**

Tritium exit signs, valued for their self-powered illumination, are federally regulated and require NRC-compliant handling at end-of-life. These kits help facilities safely retire tritium signage while avoiding costly violations and regulatory burdens.

#### **Kit Coverage & Processing:**

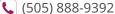
- Accepts expired, damaged, or unused tritium (H-3) exit signs
- Tritium is extracted and reused in manufacturing new signs



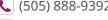


Pack It. Ship It. Done.

Scan to start your mail-back order or learn more.



info@curieservices.com





## SELF-LUMINOUS PRODUCT RECYCLING

Curie's Self-Luminous Mail-Back kits provide a safe solution for recycling small devices containing Ra-226, H-3, and Pm-147. It solves the challenge of handling exempt and generally licensed items commonly overlooked in standard waste programs.

# **Sample of Devices Accepted:**

- Consumer products (watches, compasses, gunsights)
- Industrial & aviation items (indicators, gauges, instruments)



# **URANIUM & THORIUM RECYCLING**

These kits enable compliant recycling of uranium & thorium solids / liquids, diverting them from disposal and **refining them into virgin compounds for reuse** in chemical applications. Ideal for labs, universities, and facilities managing legacy materials.

# **Materials Managed:**

- Uranium or thorium acetates, nitrates, oxides, & compounds
- Depleted uranium components and research derived waste



# LEAD SHIELDING RECYCLING

Common in medical, dental, & industrial settings, lead shielding must be handled carefully at disposal to prevent environmental & public harm. These kits offer compliant solutions for recycling outdated shielding while supporting safe waste practices.

#### **Materials Managed:**

- Medical & dental shielding (aprons, pigs, bite wings)
- **Industrial shielding** (bricks, sheets, containers)



## Ni-63 ECD RECYCLING

Ni-63 electron capture detectors (ECDs) in gas chromatographs require careful handling due to their radioactive components. These kits ensure safe retirement & recycling of these detectors for environmental labs, universities, and analytical facilities.

## **Included Services:**

- Leak Testing: Confirms safety and compliance for transport
- **Recycling:** Processing of Ni-63 & other radioactive materials

