

**RPR 55ID. RECEIVER IDENTIFICATION AND AUTHORIZATION  
FOR RADIOACTIVE MATERIAL SHIPMENT**

**Instructions:** This form is to be completed for shipments of any radioactive material other than limited quantities or wastes to any location. The individual desiring authorization to ship a radioactive material shall complete this form and the appropriate check lists. The completed check lists shall be submitted to, approved and retained by the RSO.

**Shipper (University of Utah Responsible User):**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Department: \_\_\_\_\_ Address: \_\_\_\_\_

**Receiver (Individual and Organization):**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Authorization:**

Receiver's License #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Receiver's RSO: \_\_\_\_\_ Phone: \_\_\_\_\_  
License copy on file? \_\_\_\_\_ or other verification: \_\_\_\_\_

**Package Contents and Hazardous Material Classification:**

<b><u>Initials</u></b>	<b><u>Contents</u></b>
_____	Radionuclide(s): _____
_____	Activities: _____
_____	Other Hazardous Materials: _____
	_____

<b><u>Type A Package Limits</u></b>	
Sealed source or metal? (Y/N) _____	A <sub>1</sub> Limit: _____ TBq ( _____ Ci )
Other solid or liquid? (Y/N) _____	A <sub>2</sub> Limit: _____ TBq ( _____ Ci )

Initials

Limited Quantity (LQ) Criteria

\_\_\_\_\_

Less than  $10^{-3} A_1$  for special form materials.

\_\_\_\_\_

Tritiated water? (Y/N) \_\_\_\_\_ Concentration: \_\_\_\_\_ (TBq/L)

Less than total activity specified in 173.425. (if the concentration is less than 0.1 Ci/L then limit is 1,000 Ci, if concentration is between 0.1 Ci to 1.0 Ci/L then limit is 100 Ci, and if concentration is greater than 1.0 Ci/L then limit is 1.0 Ci)

\_\_\_\_\_

Other solid or liquid? (Y/N) \_\_\_\_\_  $A_2$  Limit: \_\_\_\_\_ (TBq)

\_\_\_\_\_

If solid, less than  $10^{-3} A_2$ .

\_\_\_\_\_

If liquid, less than  $10^{-4} A_2$ . [173.425]

\_\_\_\_\_

Less than 15 grams U-235. [173.424(h)]

**If limited quantity, use RPR 14LQ.**

Low Specific Activity (LSA) Criteria

\_\_\_\_\_

LSA-I – Uranium and thorium ores, concentrates of uranium and thorium ores, and other ores containing naturally occurring radionuclides which are intended to be processed for the use of these nuclides, or

\_\_\_\_\_

LSA -I- Solid unirradiated natural uranium or depleted uranium or natural thorium or their solid or liquid compounds or mixtures, or

\_\_\_\_\_

LSA-I Radioactive material, other than fissile, with an unlimited  $A_2$  value, or

\_\_\_\_\_

LSA-I other radioactive material, excluding fissile material in quantities not excepted under 173.453, in which the activity is uniformly distributed throughout and the estimated average specific activity does not exceed 30 times the values for activity concentration specified in 173.436 (See table 1) , or 30 times the default values in Table 10 B of 173.433.

\_\_\_\_\_

LSA-II - Water with tritium concentrations up to 0.8 TBq/liter (20 Ci/liter).

\_\_\_\_\_

LSA-II - Material in which the radioactivity is essentially uniformly distributed and the average specific activity does not exceed  $10^{-4} A_2/g$  for solids and gases.

\_\_\_\_\_

LSA-II - Material in which the radioactivity is essentially uniformly distributed and the average specific activity does not exceed  $10^{-5} A_2/g$  for liquids.

\_\_\_\_\_

LSA-III - Radioactive material is uniformly distributed throughout a solid, compact binding agent and is relatively insoluble with the average specific activity not exceeding  $2 \times 10^{-3} A_2/g$ .

Check the appropriate material classification and shipping method below and complete the indicated check lists.

\_\_\_\_\_ Limited Quantity; complete RPR 14LQ.

\_\_\_\_\_ Type A quantity to be shipped by common carrier; complete RPR 55A.

\_\_\_\_\_ LSA radioactive waste to be shipped by common carrier; complete RPR 55RW.

Prepared by (signature): \_\_\_\_\_

Date: \_\_\_\_\_

RSO approval (signature): \_\_\_\_\_

Date: \_\_\_\_\_

