

Quarterly Radionuclide Inventory and New Staffing Report

Authorized User: _____ Reporting Period: 1st Quarter 1/1 - 3/31 2nd Quarter 4/1 - 6/30 3rd Quarter 7/1 - 9/30 4th Quarter 10/1 - 12/31 Year: _____

Complete the table using units of millicuries (mCi) or microcuries (μCi). If additional columns are needed for more radionuclides, attach a second form.

Radionuclide(s)					
Activity on hand at beginning of quarter					
Activity received during quarter	+	+	+	+	+
Activity transferred to others during quarter [#]	-	-	-	-	-
Activity given to Radiation Safety as waste	-	-	-	-	-
Activity disposed down drain	-	-	-	-	-
Other: _____	-	-	-	-	-
Decay losses*	-	-	-	-	-
Balance on hand at end of quarter					
Possession Limit					

[#]All transfers to be approved via submission of RSO Form 1.8A.

Indicate all new personnel that have started working under your authorization during the quarter.

RSO Use Only

Name	Registered	Training

Note: All new personnel must be oriented (use RSO Form 2.6A) before handling radioactive materials. Please send a completed copy of Form 2.6A with this inventory. These are all in addition to attendance at the Radiation Safety Short Course.

*Decay losses can be calculated as follows:

$$\text{Decay Loss} = A_0 \left(1 - e^{-\left(\frac{0.693(t)}{\text{half-life}}\right)} \right) \text{ where } A_0 \text{ is the initial activity, and } t \text{ is the elapse time in the same units as half-life.}$$