



**Applicant**

Name (First, MI, Last):	Permit Number:	Date of Application:
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**Scope of Use**

	Yes	No
Will radioactive materials be used for in-vitro laboratory experiments?	<input type="checkbox"/>	<input type="checkbox"/>
Will radioactive materials be used in live animals weighing less than 1 kg?	<input type="checkbox"/>	<input type="checkbox"/>
Will radioactive materials be used in live animals weighing 1 kg or more? *	<input type="checkbox"/>	<input type="checkbox"/>
Will radioactive materials be used in field studies where release to the environment is possible? *	<input type="checkbox"/>	<input type="checkbox"/>
Will radioactive materials be used in human research subjects? *	<input type="checkbox"/>	<input type="checkbox"/>

\* If you answered "YES" to any of these requirements, additional information will need to be submitted with this application. Please contact one of the RSS health physicists for information.

**Protocol**

A protocol must be submitted with this application that provides a general description of the use of the radioactive material. A more detailed protocol must be submitted for activities involving processes that release gases, vapors, aerosols or dusts, iodinations, or the use to tritiated water. All protocols must describe the general research plan, how the radioactive material will be used, any significant handling or storage hazards, and how radioactive waste will be handled.

If chemical / biological or mixed waste will be generated, a waste management plan for these items must also be described.

**Use / Storage Locations**

List the building name, room numbers and type of use planned (e.g. laboratory, waste storage, counting room) where radioactive materials will be used and/or stored.

A diagram of each room indicating work areas, bench tops, sinks, fume hoods, etc. must be submitted with this application.

Building	Room Designation	Use

<b>Name of Permit Holder</b>		
Name:	Use Permit No:	Date:

**Radioisotope Use**

List the individual radioisotopes to be used, their physical and chemical form, the maximum activity to be used at one time and the maximum possession limit desired.

Additional space to list radioisotope information can be found on Form RSS-21a, Continuation Sheet.

Radionuclide	Physical Form (Solid / Liquid / Gas)	Chemical Compound	Maximum Activity to be Used at One Time (mCi)	Maximum Possession Limit (mCi)

**Associate Users**

Associate Users are those individuals who will work under the supervision of the Permit Holder. List the names of all Associate Users below:

A Radiation Worker Information Form (RSS-10) must be submitted for each Associate User. Additional space to list Associate Users can be found on Form RSS-21a, Continuation Sheet.


**Name of Permit Holder**

Name:	Use Permit No:	Date:
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**Radiation Detection & Counting Equipment**

Indicate the radiation detection and counting instruments that will be used for analysis and detection of contamination or for area radiation surveys and package receipt inspections.

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**Program Requirements**

The applicant must check the following statements. Checking these statements indicates that the individual has read the statements and agrees to comply with the requirements.

Records shall be maintained indicating the receipt, use and disposal of all radioactive materials.	<input type="checkbox"/>
Radioisotope use areas shall be surveyed for removable contamination monthly in those areas where the activity used is less than 200 $\mu$ Ci in any one experiment or less than 1 mCi in any one week.	<input type="checkbox"/>
Radioisotope use areas shall be surveyed for removable contamination weekly in those areas where the activity used is greater than 200 $\mu$ Ci in any one experiment or greater than 1 mCi in any one week.	<input type="checkbox"/>
Radioisotope use areas (with the exception of tritium) shall be monitored for radiation levels or fixed contamination monthly.	<input type="checkbox"/>
Radioisotope storage and waste areas shall be surveyed for removable and fixed contamination monthly.	<input type="checkbox"/>
Radioactive materials shall be secured against unauthorized use or removal when in storage.	<input type="checkbox"/>
Portable survey instruments shall be calibrated annually or after repair.	<input type="checkbox"/>
Fume hoods used for radioactive materials shall have a minimum air flow of 100 linear feet per minute with the sash height at a typical operating level.	<input type="checkbox"/>
Radioactive waste disposal procedures shall comply with Nuclear Regulatory Commission (NRC), Environmental Protection Agency (EPA), and applicable State regulations and USDA policy requirements.	<input type="checkbox"/>

**Transmit the completed form to the USDA Radiation Safety Staff using one of the following methods:**

**Mail to:**  
 USDA Radiation Safety Staff  
 5601 Sunnyside Avenue  
 Room 2-L206, MS-5510  
 Beltsville, MD 20705-5510

**E-mail to:**  
 RSSPO@rss.usda.gov

**Fax to:**  
 301.504.2450