



Applicant

Name (First, MI, Last):	Permit Number:	Date of Application:
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Irradiator Information

An Inventory Record for Radioactive Sealed Sources (Form RSS-28) must be completed for each irradiator to be possessed. For a new application where the irradiator has not yet been purchased or delivered, complete as much of the form as possible.

Purpose of Use In the space below, indicate the primary purpose or program activity for which the irradiators will be used.

Location

Enclose a diagram of the location where the irradiator will be permanently located. The diagram should indicate the scale in feet, the rooms adjacent to the irradiator room and their use. The address, building identification, and room number should be listed on the diagram.

Fire Protection Describe the fire protection systems where the irradiator will be located.

The room should be equipped with an automatically operated fire detection and control system (such as a sprinkler) that is adequate to insure the integrity of the irradiator and its sources in a fire.

Alternately, describe the conditions (ground floor location in a fire resistant building with little combustible material) and other controls that give a very low level of risk attributable to fire.

Name of Permit Holder

Name:	Use Permit No:	Date:
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**Radiation
Detection
Instrumentation**

List the manufacturer and model number of all radiation detection instruments that will be used to monitor for radiation levels around the irradiator.

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Public Dose Calculation

A copy of a completed Public Dose Estimate for Self-Shielded Irradiators must be submitted with this application.
NOTE: The USDA Radiation Safety Staff can assist in the completion of this estimate.

Associate Users

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

Note: A Radiation Worker Information Form (RSS-10) must be submitted for each Associate User.

Name of Permit Holder		
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Program Requirements

NOTE: The individual applying for authorization to possess an irradiator must check the following statements. This signifies that the individual has read the statement and agrees to comply with the requirements.

Requirements	
All individuals who operate the irradiator will wear personal dosimeters.	<input type="checkbox"/>
All individuals who operate the irradiator will be trained in the operational requirements for the facility.	<input type="checkbox"/>
All individuals who operate the irradiator will be trained in the emergency requirements for the facility.	<input type="checkbox"/>
Radiation level surveys will be performed on an annual basis.	<input type="checkbox"/>
Portable radiation survey instruments will be calibrated annually or after repair.	<input type="checkbox"/>
The room where the irradiator is located will be secured against unauthorized entry.	<input type="checkbox"/>
Irradiators will be leak tested at intervals not to exceed six months.	<input type="checkbox"/>
All individuals who will be operating the irradiator will receive training in irradiator use and safety requirements.	<input type="checkbox"/>
Irradiators will not be disposed, transferred to another individual, or returned to the manufacturer without the prior written approval of the USDA Radiation Safety Staff.	<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