

Princeton University: Environmental Health & Safety

RADIOISOTOPE AUTHORIZATION APPLICATION: Supplement

Date	Application # (for EHS Use)
Applicant	

First-time applicants must complete the entire Supplement. Applicants with existing authorizations must complete Items 6 - 11 where relevant to this application.

Responsibilities (see Radiation Safety Guide, Section 6)

1. Will you maintain primary responsibility for accomplishing radiation safety functions in your lab or will you delegate operational responsibilities? If you delegate operational responsibilities, whom will you designate to perform them?

2. How will you provide training for persons to perform these operational radiation safety functions?

Training (see Radiation Safety Guide, Section 6)

3. What radiological training and instruction will be provided to staff, students, support staff and visitors?

See reverse side

Security (see Radiation Safety Guide, Section 10P)

4. How will you secure radioactive materials to prevent use by unauthorized persons or accidental loss?

Inventory Control (see Radiation Safety Guide, Section 10A)

5. Describe your method for tracking the receipt, use, and disposal of radioactive materials in order to generate inventory and disposal records?

Radiation Surveys (see Radiation Safety Guide, Section 10C,D,E)

6. List all survey and monitoring equipment you possess or plan to order if this application is approved (include any liquid scintillation or γ counting equipment). Contact EHS for recommendations for survey meter purchases.

Type of Equipment*			Manufacturer	Model & SN	Last Calibration
	In Lab	Will Order			

* G-M survey meter, scintillation survey meter, LSC, γ counter, etc.

7. What survey requirements and frequencies will you establish in your laboratory?

Radioactive Waste (see Radiation Safety Guide, Section 15; Radiation Safety Manual, Section 7)

8. What types of radioactive waste streams and what estimated waste volumes will be generated?

9. Will you generate hazardous wastes that are also contaminated with radioactivity?

Yes No If yes, describe your plans for disposal of the waste.

10. Will you generate radioactive biohazardous wastes? Yes No
If yes, describe how the wastes will be inactivated before disposal.

Sealed Sources

11. If you are applying for authorization to obtain a sealed source, you must make arrangements to dispose of the source when it is no longer needed or when you leave the University (if there is still use for the source within the department, you may arrange for transfer of responsibility for the source). If you will dispose of the source, have you made plans to return it to the vendor or will you set aside funds to pay for the source's disposal? EHS can assist you to obtain disposal cost estimates. Please describe your plans for disposition or transfer of the source.

Incident Response (see Radiation Safety Manual, Section 1)

12. What steps will be taken in the event of a spill or any other radiological incident?

Applicant's Signature: _____ Date: _____

