



**ENVIRONMENTAL HEALTH
AND SAFETY**

**LABORATORY BASED TRAINING
FOR RADIOACTIVE MATERIAL LABORATORIES**

The Nuclear Regulatory Commission requires all Users of radioactive materials and Non-users frequenting such areas to be trained in specific laboratory procedures. The Licensed Investigator (LI) must complete this form for each user/non-user trained and return to the Radiation Safety Office, U-4097

Name of person being trained: _____ NET ID: _____

User _____ or Non-user _____ of Radioactive Materials

Licensed Investigator: _____

Licensed Investigator Signature: _____

Date Training Completed: _____

REQUIRED TOPICS FOR RADIOACTIVE MATERIAL USERS & NON-USERS (check each item as it is discussed)

- ____ Security and control of radioactive materials.
- ____ Protective clothing, laboratory apparel, and equipment to be used with/for radioactive materials.
- ____ Emergency procedures concerning spills, releases of materials, and/or accidental contamination of personnel.
- ____ Prohibition of eating, smoking, drinking, application of cosmetics, or pipetting by mouth in areas where radioactive materials are used.
- ____ Requirements for storage, labeling of containers, and identification of areas where radioactive materials are used.

RADIOACTIVE MATERIAL USERS ONLY (supplemental training)

- ____ Radionuclides utilized.
- ____ Maximum total quantity permitted in the lab for each isotope.
- ____ Limitations on quantities to be handled per experiment.
- ____ Limitations and conditions relative to handling unsealed radioactive materials and what laboratory equipment to use when working with such material (i.e. fume hood, beta shield, etc.).
- ____ Routine survey and monitoring procedures to be followed for contamination control.
- ____ Decontamination procedures to use and whom to contact in case of an emergency.
- ____ Instructions concerning transfer/movement of radioactive materials between rooms, halls, or corridors.
- ____ Personnel monitoring devices to use (if applicable), where to obtain them, and exchange procedures and exposure results.
- ____ Waste disposal procedures to follow, limitations for disposal of liquid or solid waste, and procedures to follow for waste storage.
- ____ Records to be maintained on the use and disposal of radioactive materials.