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.