

RADIATION EMERGENCY PROCEDURES

A SPILL IS:

- Any accidental or unplanned release of radioactive material to the environment,
- The presence of contamination in any unrestricted area,
- The presence of widespread contamination in any restricted area,
- Any personnel contamination, and/or
- A ruptured or leaking sealed source.

FIRE

**CALL '911' from a University Phone, Pull Nearest Fire Alarm and Vacate Building
Notify Dispatcher that Radiation is Involved**

FOR ALL SPILLS

- Confine/contain the spill, if it can be done safely.
 - Cover liquid spills with absorbent paper.
 - Turn off all devices which may spread contamination.
 - Carefully dampen or cover powders to prevent dispersion.
 - Turn containers upright.

MINOR SPILLS

----- Contained with No Significant Hazard to Personnel -----

- Notify the Approval Holder and the Radiation Safety Coordinator.
- Do not let personnel who may be contaminated leave the general area until they have been cleared.
- Keep personnel not essential to decontamination out of the spill area.
- Decontaminate the area.
- For assistance, call the Radiation Control Office.
- Do not resume normal operations in the spill area until decontamination has been completed.

MAJOR SPILLS

----- Not Contained with Possible Significant Hazard to Personnel -----

----- Including all Iodine-125 Incidents -----

- Call the Radiation Control Office.
- **DO NOT** attempt to decontaminate without the assistance from the Radiation Control Office.
- Notify the Approval Holder, Radiation Safety Coordinator, and personnel in the immediate area.
- Leave the immediate area and lock the door. Remove contaminated garments before leaving area.
- Prohibit entry to the contaminated area. Do not allow persons who are potentially contaminated to leave the vicinity of the spill.
- Remain nearby to provide information when help arrives.
- The Radiation Control Office will declare when operations can resume.

RUPTURED OR LEAKING SEALED SOURCE

- Do not move source or device.
- Follow procedure for "MAJOR SPILLS" above.

INJURIES or INGESTION

- For minor injuries, wash injury with mild soap and running water and administer first aid.
- For serious injuries, call "911" and inform dispatcher Radioactive Material is involved.
- In case of ingestion, induce vomiting then drink a pint of water and induce vomiting again.
- **For all injury and ingestion cases call the Radiation Control Office.**

PERSONAL DECONTAMINATION

- Remove all potentially contaminated clothing.
- Wash contaminated area with mild soap and running water.
- For assistance, call the Radiation Control Office.
- **Eyes:** flush with water for 15 minutes.
- **Mouth:** rinse continuously with water, do not swallow.
- **For eyes and mouth contamination, contact the Radiation Control Office.**

LOSS or THEFT of Radioactive Materials

Report LOSS or THEFT of radioactive materials immediately to the Radiation Control Office, the Approval Holder and the Radiation Safety Coordinator.

**Radiation Control Office (520) 626-6850
M-F, 7:30am - 4:00pm**

**After hours or if no answer, call University Police at (520) 621-8273
And ask for Emergency RCO Pager**