

## **EMERGENCY PROCEDURES INCIDENTS INVOLVING RADIOACTIVE MATERIAL**

This posting summarizes radioactive material emergency procedures. The Radiation Protection Procedures Manual (Authorized Users Manual) lists procedures in more detail. For all incidents the Radiation Safety Office must be contacted immediately and an "Incident Report" (RS Form 7) must be completed.

### **Radiation Safety Office Contact Numbers**

Work hours: (513) 558-4110

After hours/Emergency Digital Pager (513) 249-6812

**or**

Contact Security and request they contact the Radiation Safety On-call Technician

University of Cincinnati: (513) 556-1111 or (513) 558-1111

CCHMC: (513) 636-4204

### ***Spills***

1. Stop and contain spill, if possible.
  - Spill of liquid radioactive material - contain liquid by surrounding with absorbent material
  - Spill of solid radioactive material - cover with well dampened absorbent paper
2. Warn/notify all individuals in the area a radioactive material (RAM) spill has occurred.
3. **Immediately** contact the Radiation Safety Office.
4. Decontaminate.
5. Survey to ensure effectiveness of decontamination.
6. Complete incident report and submit copy to the Radiation Safety Office.

### ***Personnel Contamination***

1. Notify other individuals in the area of the incident and, if necessary, request help.
2. Treat potentially contaminated area:
  - Eye - flush eye with water for 15 minutes
  - Skin - wash gently with mild soap and warm water
  - Inhalation - vacate area and regroup outside
  - Clothing - remove and wash skin under area with soap and water
3. **Immediately** contact the Radiation Safety Office.
4. Complete incident report and submit copy to the Radiation Safety Office.

### ***Personnel Injury (TREAT INJURY FIRST)***

1. Contact medical personnel. Inform them radioactive material may be involved.
2. **Immediately** contact the Radiation Safety Office.
3. Complete incident report and submit copy to the Radiation Safety Office.

### ***Fire (FIGHT FIRE FIRST)***

1. Vacate area or use fire extinguisher.
2. Sound fire alarm.
3. Contact fire department. Inform them radioactive materials may be involved.
4. **Immediately** contact the Radiation Safety Office.
5. Complete incident report and submit copy to the Radiation Safety Office.