RADIOACTIVE MATERIALS 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’, pull nearest fire alarm, and vacate building.
Notify dispatcher that radioactive material is involved.

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

MINOR SPILLS
------- Contained with No Significant Hazard to Personnel -------
- Notify the Approval Holder and the Approval 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 Research Laboratory & Safety Services.
- 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 Research Laboratory & Safety Services.
- DO NOT attempt to decontaminate without the assistance of Research Laboratory & Safety Services.
- Notify the Approval Holder, Approval 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.
- Research Laboratory & Safety Services 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.
- Report all injury and ingestion incidents to Research Laboratory & Safety Services.

PERSONNEL DECONTAMINATION
- Remove all potentially contaminated clothing.
- Wash contaminated area with mild soap and running water.
- For assistance, call Research Laboratory & Safety Services.
- Eyes: flush with water for 15 minutes.
- Mouth: rinse continuously with water, do not swallow.
- Report all personnel contamination incidents to Research Laboratory & Safety Services.

LOSS or THEFT of Radioactive Materials
Report LOSS or THEFT of radioactive materials immediately to Research Laboratory & Safety Services, the Approval Holder, and the Approval Safety Coordinator.

Research Laboratory & Safety Services (520) 626-6850
M-F, 7:30am - 4:00pm
After hours or if no answer, call University Police at (520) 621-8273

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