**Emergency Spill Procedure For Spills Of Radioactive Materials**

**RATIONALE**

In the event of an emergency involving radioactive material, the immediate objectives are to prevent or reduce the chance of personnel contamination, prevent dispersal of the contaminant, begin personnel decontamination (if necessary), and to decontaminate the area under supervision.

In the event of fire in the radiation area, the standard fire instructions will apply. In all cases, the Radiation Safety Officer must be notified.

**PROCEDURE**

1. Tell people in the room.
2. Remove people from the area, BUT hold them nearby until they have been checked for contamination by the Radiation Safety Officer (RSO).
3. Call (Have an uncontaminated person make the call if possible) from safe place:

   Normal Working Hours: ext. **55491** (DOHS)
   Off Hours: ext **33333** (York’s Security)

4. State:
   - Location of accident (Building and Room Number).
   - Your name, location where you can be reached.
   - What happened?
   - Any injuries?
5. RSO will be advised by DOHS or SECURITY.
6. Injuries: Give immediate first aid (do NOT let the possibility of radioactive contamination hinder first aid efforts).
7. Notify your supervisor.
8. Discard contaminated clothing and shoes.
9. If skin contaminated, flush gently with soap and water.

**DECONTAMINATION** (supervised by RSO or supervisor):

1. Start spill clean-up procedure.
2. Monitor area.
3. Monitor personnel.