

**Appendix D:
Emergency Procedures**

**Emergencies
Involving Radioactive Materials**

For assistance contact:
VEHS at 322-2057 or
The VEHS Emergency Pager 835-4965

Emergency	Hazard	Immediate Precautions
SPILLS	With millicurie amounts, radioactive contamination hazards may be significant.	<ol style="list-style-type: none"> (1) Alert all people in area. (2) Confine spill immediately. (3) For major spills: Barricade area and notify VEHS. (4) Proceed with decontamination. Carefully survey area and all personnel.
PERSONNEL CONTAMINATION	Decontaminate promptly. Hazard is greatest if there are open wounds.	<ol style="list-style-type: none"> (1) Flush wounds eyes. Wash skin with soap and water. (2) Prompt action is necessary to minimize uptake and radiation dose. (3) Notify VEHS (4) Do not leave Vanderbilt with contamination on skin or clothing.
AIRBORNE RADIOACTIVITY	Uptake of radioactive material possible. Contamination easily spread.	<ol style="list-style-type: none"> (1) Shut off source of contamination, if possible. (2) Notify others to vacate the area. (3) Shut windows and doors. (4) Call VEHS (322-2057). (5) Shut off air handling unit (call Plant Operations).
ACCIDENTAL UPTAKE OF RADIOACTIVITY	Hazards vary with amount of uptake and toxicity of the radionuclide.	<ol style="list-style-type: none"> (1) Immediately contact VEHS (322-2057). (2) Action varies depending on radionuclide and chemical form.
FIRES INVOLVING RADIOACTIVITY	Internal hazard from airborne activity. Contamination may be spread by fire-fighting techniques.	<ol style="list-style-type: none"> (1) Notify all persons in area. (2) Activate nearest fire alarm. (3) Notify Security Department. (4) Attempt to extinguish fire if radiation & fire hazard is not serious. (5) Notify VEHS (322-2057).