

3.0 Radiation Safety Training Requirements

3.1 Radiation Safety Training

Regulations, based on laws for working with radioactive materials, require that users of radioactive materials be properly trained. Each PI is responsible for providing radiation safety training to persons using radiation sources under his or her supervision at intervals not to exceed 12 months. The PI must ensure that this training is completed and documented.

3.2 Radiation Awareness Training

Regulations also require each PI to provide awareness training at intervals not to exceed 12 months for anyone who frequents radioactive materials locations that are under his or her supervision.

Other individuals may provide the training under the supervision of the PI. DRS has developed web-based training modules that give a general background in radiation safety and can provide general training to personnel upon request.

3.3 Training Content

Individuals shall be instructed in the following before working with radioactive materials:

- Health protection problems associated with exposure to radioactive materials or radiation;
- Precautions or procedures to minimize exposure;
- Purposes and functions of protective devices employed;
- The permit conditions and the applicable portions of the Radiation Safety Manual;
- Employee responsibility to promptly report any condition that may lead to or cause a violation of the regulations or cause an unnecessary exposure;
- Actions to take in the event of an emergency; and,
- Radiation exposure reports that workers may request.

Particular attention should be given to contamination survey requirements, dosimetry requirements, necessary documentation, safety precautions/equipment, authorized radionuclides, possession limits, precautions during pregnancy, and locations where radioactive materials are authorized. Regulations require that this knowledge be reinforced by annual radiation safety training.

The extent of the instruction shall be commensurate with the potential radiological health problems in the work area.

Records of this instruction must be maintained by the PI for audit by DRS personnel or for inspection by state regulatory personnel.