

Chapter 9: [Radiological Safety](#)

## Quick Start Summary

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URL: <https://www-group.slac.stanford.edu/esh/eshmanual/references/radQuickstart.pdf>

### 1 Who needs to know about these requirements

The requirements of Radiological Safety apply to workers, and their line management, supervisors, and points of contact, who are engaged in the design and operation of facilities, radiological work, or the use, storage, handling, and disposal of radioactive materials, including nuclear materials, or who access accelerator facilities and auxiliary support facilities that are controlled for radiological hazards.

### 2 Why

SLAC is committed to maintain personnel radiation doses below regulatory limits and as low as reasonably achievable (ALARA), to prevent unplanned or accidental exposure to ionizing radiation, and to prevent release of radioactive material into the environment.

### 3 What do I need to know

- Design and operation of facilities are subject to approval to ensure adequate radiation safety systems.
- All radiological work must be authorized by line management, approved by cognizant Radiation Protection (RP) Department personnel, and conducted by trained workers who are following written procedures and/or a radiological work permit (RWP).
- Entry into radiologically controlled areas requires the wearing of dosimeters and area-specific training.
- Radioactive materials, including sealed sources and radiation generating devices and nuclear materials, are subject to strict control and must be approved by RP before being brought on-site.

### 4 When

These requirements take effect 19 July 2019.

### 5 Where do I find more information

[SLAC Environment, Safety, and Health Manual](#) (SLAC-I-720-0A29Z-001)

- [Chapter 9, “Radiological Safety”](#)

Or contact the [program manager](#).