

# Department of the Interior Departmental Manual

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**Effective Date:** 3/12/99

**Series:** Safety Management

**Part 485:** Safety and Occupational Health Program

**Chapter 21:** Radiation Safety

**Originating Office:** Office of Managing Risk and Public Safety

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## 485 DM 21

**21.1 Purpose.** To specify the minimum Safety and Occupational Health Program (Program) requirements for protecting Departmental employees and the public from adverse exposure to ionizing and non-ionizing radioactive sources.

### 21.2 References.

- A. 10 CFR (all applicable parts).
- B. Radiation Control for Health and Safety Act of 1968, as amended.
- C. Occupational Safety and Health Act of 1970, as amended.

**21.3 Requirements.** Each affected bureau will implement a program based on written procedures that include the following, as a minimum:

- A. Identifying, evaluating and controlling potential radiation hazards to employees, contractors and the visiting public.
- B. Describing the intended use of radiation material and/or radiation-producing equipment.
- C. Training employees who are subject to being exposed to harmful quantities of radiation in the hazards and/or proper use of radiation producing equipment/sources.
- D. Using methods such as, warning signs and barriers to prevent accidental exposures to harmful quantities of radiation.
- E. Appointing and assigning responsibilities to a qualified Radiation Protection Officer at each applicable facility.
- F. Furnishing, using, monitoring and maintaining employee monitoring devices, such as film badges, pocket dosimeters, and pocket chambers.
- G. Disposing of radiation waste properly.
- H. Handling emergencies.
- I. Securing ionizing and non-ionizing radiation sources.

- J. Transporting radiation materials.
- K. Using lockouts and tagouts to prevent unauthorized access to radiation sources.
- L. Maintaining mandatory records.
- M. Storing and leak-testing of equipment.

3/12/99 #3251

Replaces 6/10/91 #485A-1