

**WORCESTER POLYTECHNIC INSTITUTE
HEALTH PHYSICS PROCEDURE HP-23
OCCUPATIONAL EXPOSURE TO VISITORS**

1. PURPOSE:

To provide guidance to authorized radioisotope users on the training required by 10 CFR 20 for visitors entering restricted areas at Worcester Polytechnic Institute (WPI). (Authorized radioisotope users may utilize their own training program.)

2. FREQUENCY:

Visitors initial entry into the restricted area.

3. MATERIALS, TOOLS, AND EQUIPMENT:

3.1. Form(s):

3.1.1. Occupational Exposure to Visitors

4. PRECAUTIONS:

4.1. Visitors are not authorized to enter radiation areas or to work with radioactive materials unless they attend additional specialized training and receive radiation monitoring devices.

5. INSTRUCTIONS:

5.1. Visitors Rights and Responsibilities:

5.1.1. The right to receive information of radiation risks and current work activities.

5.1.2. The right to request a report of personal exposure to radiation as maintained by the licensee.

5.1.3. The responsibility to observe facility emergency plan procedures. In the event of a facility emergency, the escort shall supervise and direct visitors.

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5.2. Upon entry into a restricted area at WPI, all visitors are subject to the occupational radiation dose limits specified in Title 10 of the Code of

Federal Regulations Part 20. The applicable dose limit is 5000 mrem/year for occupational workers. (The typical visitor at WPI will receive an exposure of less than 0.1% of the applicable limit (i.e. <5 mrem).)

5.3. Further applicable information may be found in Title 10 of the Code of Federal Regulations Parts 19 and 20. Copies of these regulation are located at the Nuclear Reactor Facility (WL112B).

5.4. Information regarding the risks associated with exposure to radiation may be obtained through the Radiological Safety Officer.

6. RESTORATION:

None

7. REFERENCES:

7.1. Title 10 of the Code of Federal Regulations Parts 19 & 20

7.2. "Radiation Worker Training Manual," Northeast Utilities System