

**4731.6020 SPECIFIC LICENSE; APPROVAL.**

The commissioner shall approve an application for a specific license for the use of licensed material in an irradiator if the applicant meets the general requirements under parts 4731.3070, subpart 1, items A to D, and 4731.3070, subpart 2, and if the application includes:

- A. a description of the training provided to irradiator operators including:
  - (1) classroom training;
  - (2) on-the-job or simulator training;
  - (3) safety reviews;
  - (4) methods used by the applicant to test each operator's understanding of and ability to comply with this chapter, licensing requirements, and the irradiator operating and emergency procedures; and
  - (5) minimum training and experience of personnel who may provide training;
- B. an outline of written operating and emergency procedures listed in part 4731.6170 that describes the radiation safety aspects of the procedures;
- C. a description of the organizational structure for managing the irradiator, including:
  - (1) the radiation safety responsibilities and authorities of the radiation safety officer; and
  - (2) who, within the management structure, has the authority to stop unsafe operations and management personnel who have important radiation safety responsibilities or authorities;
- D. a description of the training and experience required for the position of radiation safety officer;
- E. a description of:
  - (1) access control systems required under part 4731.6060;
  - (2) radiation monitors required under part 4731.6090; and
  - (3) the method of detecting leaking sources required under part 4731.6200, including the sensitivity of the method;
- F. a diagram of the facility that shows the locations of all required interlocks and radiation monitors;

G. if the applicant intends to perform leak testing of dry-source-storage sealed sources, a description of the applicant's established procedures for leak testing. The description must include the:

- (1) instruments to be used;
- (2) methods of performing the analysis; and
- (3) pertinent experience of the individual who analyzes the samples;

H. if the applicant's personnel are to load or unload sources, a description of the qualifications and training of the personnel and the procedures to be used. If the applicant intends to contract for source loading and unloading at the applicant's facility, the loading or unloading must be done by an organization specifically authorized by the commissioner, the NRC, or an agreement state to load or unload irradiator sources; and

I. a description of the inspection and maintenance checks, including the frequency of the checks, required under part 4731.6210.

**Statutory Authority:** *MS s 144.1201; 144.1202; 144.1203; 144.1204; 144.1205*

**History:** *29 SR 755; 40 SR 145*

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