

## TRAINING REQUIREMENTS FOR AN AUTHORIZED NUCLEAR PHARMACIST

### 10 CFR 35.980 Training for an authorized nuclear pharmacist.

The licensee shall require the authorized nuclear pharmacist to be a pharmacist who:

- (a) Has current board certification as a nuclear pharmacist by the Board of Pharmaceutical Specialties, or
- (b)(1) Has completed 700 hours in a structured educational program consisting of both:
  - (i) Didactic training in the following areas:
    - (A) Radiation physics and instrumentation;
    - (B) Radiation protection;
    - (C) Mathematics pertaining to the use and measurement of radioactivity;
    - (D) Chemistry of byproduct material for medical use; and
    - (E) Radiation biology; and
  - (ii) Supervised experience in a nuclear pharmacy involving the following:
    - (A) Shipping, receiving, and performing related radiation surveys;
    - (B) Using and performing checks for proper operation of dose calibrators, survey meters, and, if appropriate, instruments used to measure alpha- or beta-emitting radionuclides;
    - (C) Calculating, assaying, and safely preparing dosages for patients or human research subjects;
    - (D) Using administrative controls to avoid mistakes in the administration of byproduct material;
    - (E) Using procedures to prevent or minimize contamination and using proper decontamination procedures; and
- (2) Has obtained written certification, signed by a preceptor authorized nuclear pharmacist, that the above training has been satisfactorily completed and that the individual has achieved a level of competency sufficient to independently operate a nuclear pharmacy.

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