

Sec. 22a-153-7. Other Radioactive Material.

(a) Applicability.

(1) This section applies to any person who uses, produces, transports, stores, possesses, or disposes of any radioactive material not defined as “byproduct material”, “source material”, or “special nuclear material” within the state unless such person is subject to licensing for such material pursuant to 10 CFR 30, 10 CFR 40, or 10 CFR 70.

(2) This section shall not apply to any person to the extent such person is subject to regulation by the U.S. Nuclear Regulatory Commission.

(b) Registration requirements.

No radioactive material subject to the requirements of this section shall be received, possessed, used, transferred, owned or disposed of within the state unless registered with the commissioner.

(c) Exempt quantities and items containing radioactive material.

The following quantities and items containing radioactive material identified in this subsection are exempt from the registration requirement of subsection (b) of this section:

(1) Any quantity of radioactive material determined by the NRC or an Agreement State to be an “exempt quantity” or any item determined by the NRC or an Agreement State to be an “exempt item” as set out in 10 CFR 30.11 to 30.22;

(2) The production, transportation, storage, use and disposal of naturally occurring radioactive material of equivalent specific radioactivity not exceeding the specific radioactivity of natural potassium (eight hundred fifty-seven picocurie per gram (857 pCi/gm) or thirty-one and seventy-two hundredths becquerel per gram (31.72 Bq/gm); NCRP Report No. 160, 2009);

(3) The operation of equipment that is not intended to produce radiation as a primary purpose and that, by nature of design, does not produce radiation at the point of nearest approach in quantities sufficient to produce radiologic damage to a person. Such equipment shall include: time pieces, instruments, novelties or devices containing self-luminous elements, and equipment that does not produce radiation greater than five tenths of a milliroentgen per hour (.5 mR/hr) at any readily accessible point five centimeters (5 cm) from the surface, except as follows:

(A) Equipment identified in this subdivision shall not be exempt if it is used or handled in such a manner that any individual might receive a radiation dose exceeding one-tenth of the limits established in 10 CFR 20.1201;

(B) The production testing or production servicing of equipment identified in this subdivision shall not be exempt; and

(C) The manufacture or repair of self-luminous elements shall not be exempt;

(4) The transportation of any radioactive material in conformity with regulations of the United States Department of Transportation or other agency of the federal government having jurisdiction; or

(5) Not more than one tenth of a microcurie (0.1 μ Ci) of any one or any combination of any unsealed source of radioactive materials other than alpha emitting byproduct material exempt in subdivisions (1) through (4) of this subsection.

(Effective October 1, 2025)