Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 1. Definitions.

28-35-135u. Definitions.

As used in these regulations, each of the following terms shall have the meaning specified in this regulation:

(a) "Underwater irradiator" means an irradiator in which the sources always remain shielded underwater and humans do not have access to the sealed sources or the space that is subject to irradiation without entering the pool.

(b) "Underwater radiography" means industrial radiography performed when the radiographic exposure device or the related equipment is beneath the surface of the water.

(c) "Unit dose" means a dosage prepared for medical use for administration to a patient or human research subject as a single dosage, without any further manipulation of the dosage after the dosage is initially prepared.

(d) "Unrefined and unprocessed ore" means ore in its natural form before any processing, including grinding, roasting, beneficiating, and refining. "Processing" shall not include sieving or the encapsulation of ore or preparation of samples for laboratory analysis.

(e) "Unrestricted area" means an area to which access is neither limited nor controlled by the licensee or registrant. For purposes of these regulations, "uncontrolled area" shall be considered an equivalent term.

(f) "Uranium" means natural uranium, depleted uranium, or enriched uranium.

(1) "Natural uranium" shall mean uranium, which may be chemically separated, with the naturally occurring distribution of uranium isotopes approximately 0.711 percent by weight uranium-235 and the remainder by weight essentially uranium-238.

(2) "Depleted uranium" shall mean uranium containing less uranium-235 than the naturally occurring distribution of uranium isotopes.

(3) "Enriched uranium" shall mean uranium containing more uranium-235 than the naturally occurring distribution of uranium isotopes.

(g) "Useful beam" means the part of the radiation that passes through a window, aperture, cone, or other collimating device.

(Authorized by K.S.A. 48-1607; implementing K.S.A. 2020 Supp. 48-1603 and K.S.A. 48-1607; effective Dec. 30, 2005; amended May 4, 2018; amended April 1, 2022.)

***** Authenticated Kansas Administrative Regulation *****