

Nuclear Regulatory Commission

§ 73.20

Nuclear Material Safety and Safeguards or the Director of Nuclear Reactor Regulation, as appropriate, U.S. Nuclear Regulatory Commission, Washington, DC 20555, or may be delivered in person at the Commission's offices at 2120 L Street NW, Washington, DC, or at 11555 Rockville Pike, Rockville, MD.

[53 FR 6139, Mar. 1, 1988, as amended at 53 FR 43422, Oct. 27, 1988]

§ 73.5 Specific exemptions.

The Commission may, upon application of any interested person or upon its own initiative, grant such exemptions from the requirements of the regulations in this part as it determines are authorized by law and will not endanger life or property or the common defense and security, and are otherwise in the public interest.

§ 73.6 Exemptions for certain quantities and kinds of special nuclear material.

A licensee is exempt from the requirements of 10 CFR part 26 and §§ 73.20, 73.25, 73.26, 73.27, 73.45, 73.46, 73.70 and 73.72 with respect to the following special nuclear material:

(a) Uranium-235 contained in uranium enriched to less than 20 percent in the U-235 isotope:

(b) Special nuclear material which is not readily separable from other radioactive material and which has a total external radiation dose rate in excess of 100 rems per hour at a distance of 3 feet from any accessible surface without intervening shielding; and

(c) Special nuclear material in a quantity not exceeding 350 grams of uranium-235, uranium-233, plutonium, or a combination thereof, possessed in any analytical, research, quality control, metallurgical or electronic laboratory.

(d) Special nuclear material that is being transported by the United States Department of Energy transport system.

(e) Special nuclear material at non-power reactors.

Licensees subject to § 73.60 are not exempted from §§ 73.70 and 73.72, and li-

cees subject to § 73.67(e) are not exempted from § 73.72 of this part.

[40 FR 52841, Nov. 13, 1975, as amended at 44 FR 68187, Nov. 28, 1979; 58 FR 31471, June 3, 1993]

§ 73.8 Information collection requirements: OMB approval.

(a) The Nuclear Regulatory Commission has submitted the information collection requirements contained in this part to the Office of Management and Budget (OMB) for approval as required by the Paperwork Reduction Act (44 U.S.C. 3501 et seq.). The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information if it does not display a currently valid OMB control number. OMB has approved the information collection requirements contained in this part under control number 3150-0002.

(b) The approved information collection requirements contained in this part appear in §§ 73.5, 73.20, 73.24, 73.25, 73.26, 73.27, 73.37, 73.40, 73.45, 73.46, 73.50, 73.55, 73.56, 73.57, 73.60, 73.67, 73.70, 73.71, 73.72, 73.73, 73.74, and appendices B, C and G.

[62 FR 52189, Oct. 6, 1997]

§ 73.20 General performance objective and requirements.

(a) In addition to any other requirements of this part, each licensee who is authorized to operate a fuel reprocessing plant pursuant to part 50 of this chapter; possesses or uses formula quantities of strategic special nuclear material at any site or contiguous sites subject to control by the licensee; is authorized to transport or deliver to a carrier for transportation pursuant to part 70 of this chapter formula quantities of strategic special nuclear material; takes delivery of formula quantities of strategic special nuclear material free on board (f.o.b.) the point at which it is delivered to a carrier for transportation; or imports or exports formula quantities of strategic special nuclear material, shall establish and maintain or make arrangements for a physical protection system which will have as its objective to provide high assurance that activities involving special nuclear material are not inimical

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to the common defense and security, and do not constitute an unreasonable risk to the public health and safety. The physical protection system shall be designed to protect against the design basis threats of theft or diversion of strategic special nuclear material and radiological sabotage as stated in § 73.1(a).

(b) To achieve the general performance objective of paragraph (a) of this section a licensee shall establish and maintain, or arrange for, a physical protection system that:

(1) Provides the performance capabilities described in § 73.25 for in-transit protection or in § 73.45 for fixed site protection unless otherwise authorized by the Commission;

(2) Is designed with sufficient redundancy and diversity to ensure maintenance of the capabilities described in §§ 73.25 and 73.45;

(3) Includes a safeguards contingency capability that can meet the criteria in appendix C to this part "Licensee Safeguards Contingency Plans;" and

(4) Includes a testing and maintenance program to assure control over all activities and devices affecting the effectiveness, reliability, and availability of the physical protection system, including a demonstration that any defects of such activities and devices will be promptly detected and corrected for the total period of time they are required as a part of the physical protection system.

(c) Each licensee subject to the requirements of paragraphs (a) and (b) of this section shall establish, maintain, and follow NRC-approved safeguards physical protection and safeguards contingency plans that describe how the licensee will comply with the requirements of paragraphs (a) and (b) of this section.

[44 FR 68188, Nov. 28, 1979, as amended at 57 FR 33430, July 29, 1992]

§ 73.21 Requirements for the protection of safeguards information.

(a) *General performance requirement.* Each licensee who (1) possesses a formula quantity of strategic special nuclear material, or (2) is authorized to operate a nuclear power reactor, or (3) transports, or delivers to a carrier for transport, a formula quantity of stra-

tegic special nuclear material or more than 100 grams of irradiated reactor fuel, and each person who produces, receives, or acquires Safeguards Information shall ensure that Safeguards Information is protected against unauthorized disclosure. To meet this general performance requirement, licensees and persons subject to this section shall establish and maintain an information protection system that includes the measures specified in paragraphs (b) through (i) of this section. Information protection procedures employed by State and local police forces are deemed to meet these requirements.

(b) *Information to be protected.* The specific types of information, documents, and reports that shall be protected are as follows:

(1) *Physical protection at fixed sites.* Information not otherwise classified as Restricted Data or National Security Information relating to the protection of facilities that possess formula quantities of strategic special nuclear material, and power reactors. Specifically:

(i) The composite physical security plan for the nuclear facility or site.

(ii) Site specific drawings, diagrams, sketches, or maps that substantially represent the final design features of the physical protection system.

(iii) Details of alarm system layouts showing location of intrusion detection devices, alarm assessment equipment, alarm system wiring, emergency power sources, and duress alarms.

(iv) Written physical security orders and procedures for members of the security organization, duress codes, and patrol schedules.

(v) Details of the on-site and off-site communications systems that are used for security purposes.

(vi) Lock combinations and mechanical key design.

(vii) Documents and other matter that contain lists or locations of certain safety-related equipment explicitly identified in the documents as vital for purposes of physical protection, as contained in physical security plans, safeguards contingency plans, or plant specific safeguards analyses for production or utilization facilities.

(viii) The composite safeguards contingency plan for the facility or site.