

Arms Control and Disarmament Agency pursuant to reorganization plan described in section 6601 of Title 22, Foreign Relations and Intercourse, see section 1201 of Pub. L. 105-277, set out as an Effective Date note under section 6511 of Title 22.

#### EFFECTIVE DATE OF 1978 AMENDMENT

Amendment by Pub. L. 95-242 effective Mar. 10, 1978, except as otherwise provided and regardless of any requirement for the promulgation of implementing regulations, see section 603(c) of Pub. L. 95-242, set out as an Effective Date note under section 3201 of Title 22, Foreign Relations and Intercourse.

#### EXPORTS CONTRACTED FOR PRIOR TO NOV. 1, 1977, MADE WITHIN ONE YEAR OF MAR. 10, 1978; SAVINGS PROVISION

Pub. L. 95-242, title III, §309(d), Mar. 10, 1978, 92 Stat. 142, provided that: "The amendments to section 109 of the 1954 Act [42 U.S.C. 2139] made by this section shall not affect the approval of exports contracted for prior to November 1, 1977, which are made within one year of the date of enactment of such amendments [Mar. 10, 1978]."

### Executive Documents

#### PERFORMANCE OF FUNCTIONS PENDING DEVELOPMENT OF PROCEDURES

The performance of functions under this chapter, as amended by the Nuclear Non-Proliferation Act of 1978, Pub. L. 95-242, Mar. 10, 1978, 92 Stat. 120, not to be delayed pending development of procedures even though as many as 120 days [after Mar. 10, 1978] are allowed for establishing those procedures, see section 5(b) of Ex. Ord. No. 12058, May 11, 1978, 43 F.R. 20947, set out under section 3201 of Title 22, Foreign Relations and Intercourse.

### § 2139a. Regulations implementing requirements relating to licensing for components and other parts of facilities

(a) Omitted

(b) The Commission, not later than one hundred and twenty days after March 10, 1978, shall publish regulations to implement the provisions of subsections (b) and (c) of section 2139 of this title. Among other things, these regulations shall provide for the prior consultation by the Commission with the Department of State, the Department of Energy, the Department of Defense, and the Department of Commerce.

(c) The President, within not more than one hundred and twenty days after March 10, 1978, shall publish procedures regarding the control by the Department of Commerce over all export items, other than those licensed by the Commission, which could be, if used for purposes other than those for which the export is intended, of significance for nuclear explosive purposes. Among other things, these procedures shall provide for prior consultations by the Department of Commerce with the Department of State, the Commission, the Department of Energy, and the Department of Defense.

(Pub. L. 95-242, title III, §309(b), (c), Mar. 10, 1978, 92 Stat. 141; Pub. L. 103-236, title VII, §714(b), Apr. 30, 1994, 108 Stat. 498; Pub. L. 105-277, div. G, title XII, §1225(e)(4), Oct. 21, 1998, 112 Stat. 2681-775.)

### Editorial Notes

#### REFERENCES IN TEXT

Commission, referred to in text, is defined as meaning the Nuclear Regulatory Commission by section

4(a)(1) of the Nuclear Non-Proliferation Act of 1978, Pub. L. 95-242, which is classified to section 3203(a)(1) of Title 22, Foreign Relations and Intercourse.

#### CODIFICATION

Section was enacted as part of the Nuclear Non-Proliferation Act of 1978, and not as part of the Atomic Energy Act of 1954 which comprises this chapter.

Section is based on subsecs. (b) and (c) of Pub. L. 95-242. Subsec. (a) of Pub. L. 95-242 amended section 2139 of this title, and subsec. (d) is set out as a note under section 2139 of this title.

#### AMENDMENTS

1998—Subsec. (b). Pub. L. 105-277, §1225(e)(4)(A), substituted "and the Department of Commerce" for "the Department of Commerce, and the Arms Control and Disarmament Agency".

Subsec. (c). Pub. L. 105-277, §1225(e)(4)(B), struck out "the Arms Control and Disarmament Agency," after "Department of State,".

1994—Subsec. (c). Pub. L. 103-236 struck out "as required," after "prior consultations" in last sentence.

### Statutory Notes and Related Subsidiaries

#### EFFECTIVE DATE OF 1998 AMENDMENT

Amendment by Pub. L. 105-277 effective on earlier of Apr. 1, 1999, or date of abolition of the United States Arms Control and Disarmament Agency pursuant to reorganization plan described in section 6601 of Title 22, Foreign Relations and Intercourse, see section 1201 of Pub. L. 105-277, set out as an Effective Date note under section 6511 of Title 22.

#### EFFECTIVE DATE

Section effective Mar. 10, 1978, except as otherwise provided and regardless of any requirements for the promulgation of implementing regulations, see section 603(c) of Pub. L. 95-242, set out as a note under section 3201 of Title 22, Foreign Relations and Intercourse.

### Executive Documents

#### DELEGATION OF FUNCTIONS

Secretary of Commerce to be responsible for performing function vested in President by subsec. (c) of this section, see section 3 of Ex. Ord. No. 12058, May 11, 1978, 43 F.R. 20947, set out under section 3201 of Title 22, Foreign Relations and Intercourse.

#### PERFORMANCE OF FUNCTIONS PENDING DEVELOPMENT OF PROCEDURES

The performance of functions under the Nuclear Non-Proliferation Act of 1978, Pub. L. 95-242, Mar. 10, 1978, 92 Stat. 120, not to be delayed pending development of procedures even though as many as 120 days [after Mar. 10, 1978] are allowed for establishing those procedures, see section 5(b) of Ex. Ord. No. 12058, May 11, 1978, 43 F.R. 20947, set out under section 3201 of Title 22, Foreign Relations and Intercourse.

### § 2140. Exclusions from license requirement

Nothing in this subchapter shall be deemed—

(a) to require a license for (1) the processing, fabricating, or refining of special nuclear material, or the separation of special nuclear material, or the separation of special nuclear material from other substances, under contract with and for the account of the Commission; or (2) the construction or operation of facilities under contract with and for the account of the Commission; or

(b) to require a license for the manufacture, production, or acquisition by the Department of Defense of any utilization facility author-

ized pursuant to section 2121 of this title, or for the use of such facility by the Department of Defense or a contractor thereof.

(Aug. 1, 1946, ch. 724, title I, §110, as added Aug. 30, 1954, ch. 1073, §1, 68 Stat. 939; renumbered title I, Pub. L. 102-486, title IX, §902(a)(8), Oct. 24, 1992, 106 Stat. 2944.)

**§ 2141. Licensing by Nuclear Regulatory Commission of distribution of special nuclear material, source material, and byproduct material by Department of Energy**

(a) The Nuclear Regulatory Commission is authorized to license the distribution of special nuclear material, source material, and byproduct material by the Department of Energy pursuant to section 2074, 2094, and 2112 of this title, respectively, in accordance with the same procedures established by law for the export licensing of such material by any person: *Provided*, That nothing in this section shall require the licensing of the distribution of byproduct material by the Department of Energy under section 2112 of this title.

(b) The Department of Energy shall not distribute any special nuclear material or source material under section 2074 or 2094 of this title other than under an export license issued by the Nuclear Regulatory Commission until (1) the Department has obtained the concurrence of the Department of State and has consulted with the Nuclear Regulatory Commission and the Department of Defense under mutually agreed procedures which shall be established within not more than ninety days after March 10, 1978, and (2) the Department finds based on a reasonable judgment of the assurances provided and the information available to the United States Government, that the criteria in section 2156 of this title or their equivalent and any applicable criteria in section 2157 of this title are met, and that the proposed distribution would not be inimical to the common defense and security.

(Aug. 1, 1946, ch. 724, title I, §111, as added Pub. L. 95-242, title III, §301(c), Mar. 10, 1978, 92 Stat. 125; renumbered title I, Pub. L. 102-486, title IX, §902(a)(8), Oct. 24, 1992, 106 Stat. 2944; amended Pub. L. 105-277, div. G, title XII, §1225(d)(3), Oct. 21, 1998, 112 Stat. 2681-774.)

**Editorial Notes**

**AMENDMENTS**

1998—Subsec. (b). Pub. L. 105-277 substituted “the Nuclear Regulatory Commission” for “the Arms Control and Disarmament Agency, the Nuclear Regulatory Commission,”.

**Statutory Notes and Related Subsidiaries**

**EFFECTIVE DATE OF 1998 AMENDMENT**

Amendment by Pub. L. 105-277 effective on earlier of Apr. 1, 1999, or date of abolition of the United States Arms Control and Disarmament Agency pursuant to reorganization plan described in section 6601 of Title 22, Foreign Relations and Intercourse, see section 1201 of Pub. L. 105-277, set out as an Effective Date note under section 6511 of Title 22.

**EFFECTIVE DATE**

Section effective Mar. 10, 1978, except as otherwise provided and regardless of any requirements for the

promulgation of implementing regulations, see section 603(c) of Pub. L. 95-242, set out as a note under section 3201 of Title 22, Foreign Relations and Intercourse.

**Executive Documents**

**TRANSFER OF FUNCTIONS**

For transfer of certain functions from Nuclear Regulatory Commission to Chairman thereof, see Reorg. Plan No. 1 of 1980, 45 F.R. 40561, 94 Stat. 3585, set out as a note under section 5841 of this title.

**PERFORMANCE OF FUNCTIONS PENDING DEVELOPMENT OF PROCEDURES**

The performance of functions under this chapter, as amended by the Nuclear Non-Proliferation Act of 1978, Pub. L. 95-242, Mar. 10, 1978, 92 Stat. 120, not to be delayed pending development of procedures even though as many as 120 days [after Mar. 10, 1978] are allowed for establishing those procedures, see section 5(b) of Ex. Ord. No. 12058, May 11, 1978, 43 F.R. 20947, set out under section 3201 of Title 22, Foreign Relations and Intercourse.

**§ 2142. Domestic medical isotope production**

(a) The Commission may issue a license, or grant an amendment to an existing license, for the use in the United States of highly enriched uranium as a target for medical isotope production in a nuclear reactor, only if, in addition to any other requirement of this chapter—

(1) the Commission determines that—

(A) there is no alternative medical isotope production target that can be used in that reactor; and

(B) the proposed recipient of the medical isotope production target has provided assurances that, whenever an alternative medical isotope production target can be used in that reactor, it will use that alternative in lieu of highly enriched uranium; and

(2) the Secretary of Energy has certified that the United States Government is actively supporting the development of an alternative medical isotope production target that can be used in that reactor.

(b) As used in this section—

(1) the term “alternative medical isotope production target” means a nuclear reactor target which is enriched to less than 20 percent of the isotope U-235;

(2) a target “can be used” in a nuclear research or test reactor if—

(A) the target has been qualified by the Reduced Enrichment Research and Test Reactor Program of the Department of Energy; and

(B) use of the target will permit the large majority of ongoing and planned experiments and medical isotope production to be conducted in the reactor without a large percentage increase in the total cost of operating the reactor;

(3) the term “highly enriched uranium” means uranium enriched to 20 percent or more in the isotope U-235; and

(4) the term “medical isotope” includes molybdenum-99, iodine-131, xenon-133, and other radioactive materials used to produce a radiopharmaceutical for diagnostic or therapeutic procedures or for research and development.