

§ 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.

(Aug. 1, 1946, ch. 724, title I, §112, as added Pub. L. 112-239, div. C, title XXXI, §3176(a), Jan. 2, 2013, 126 Stat. 2215; Pub. L. 113-66, div. C, title XXXI, §3144, Dec. 26, 2013, 127 Stat. 1071.)

REFERENCES IN TEXT

This chapter, referred to in subsec. (a), was in the original “this Act”, meaning act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, known as the Atomic Energy Act of 1954, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

AMENDMENTS

2013—Pub. L. 113-66 inserted section designation and catchline.

SUBCHAPTER X—INTERNATIONAL ACTIVITIES

§ 2151. Effect of international arrangements

Any provision of this chapter or any action of the Commission to the extent and during the

time that it conflicts with the provisions of any international arrangements made after August 30, 1954 shall be deemed to be of no force or effect.

(Aug. 1, 1946, ch. 724, title I, §121, 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.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this Act”, meaning act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, known as the Atomic Energy Act of 1954, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

PRIOR PROVISIONS

Provisions similar to this section were contained in section 1808(a) of this title, prior to the general amendment and renumbering of act Aug. 1, 1946, by act Aug. 30, 1954.

§ 2152. Policies contained in international arrangements

In the performance of its functions under this chapter, the Commission shall give maximum effect to the policies contained in any international arrangement made after August 30, 1954.

(Aug. 1, 1946, ch. 724, title I, §122, 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.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this Act”, meaning act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, known as the Atomic Energy Act of 1954, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

PRIOR PROVISIONS

Provisions similar to this section were contained in section 1808(c) of this title, prior to the general amendment and renumbering of act Aug. 1, 1946, by act Aug. 30, 1954.

§ 2153. Cooperation with other nations

No cooperation with any nation, group of nations or regional defense organization pursuant to sections 2073, 2074(a), 2077, 2094, 2112, 2121, 2133, 2134, or 2164 of this title shall be undertaken until—

(a) **Terms, conditions, duration, nature, scope, and other requirements of proposed agreements for cooperation; Presidential exemptions; negotiations; Nuclear Proliferation Assessment Statement**

the proposed agreement for cooperation has been submitted to the President, which proposed agreement shall include the terms, conditions, duration, nature, and scope of the cooperation; and shall include the following requirements:

(1) a guaranty by the cooperating party that safeguards as set forth in the agreement for cooperation will be maintained

with respect to all nuclear materials and equipment transferred pursuant thereto, and with respect to all special nuclear material used in or produced through the use of such nuclear materials and equipment, so long as the material or equipment remains under the jurisdiction or control of the cooperating party, irrespective of the duration of other provisions in the agreement or whether the agreement is terminated or suspended for any reason;

(2) in the case of non-nuclear-weapon states, a requirement, as a condition of continued United States nuclear supply under the agreement for cooperation, that IAEA safeguards be maintained with respect to all nuclear materials in all peaceful nuclear activities within the territory of such state, under its jurisdiction, or carried out under its control anywhere;

(3) except in the case of those agreements for cooperation arranged pursuant to section 2121(c) of this title, a guaranty by the cooperating party that no nuclear materials and equipment or sensitive nuclear technology to be transferred pursuant to such agreement, and no special nuclear material produced through the use of any nuclear materials and equipment or sensitive nuclear technology transferred pursuant to such agreement, will be used for any nuclear explosive device, or for research on or development of any nuclear explosive device, or for any other military purpose;

(4) except in the case of those agreements for cooperation arranged pursuant to section 2121(c) of this title and agreements for cooperation with nuclear-weapon states, a stipulation that the United States shall have the right to require the return of any nuclear materials and equipment transferred pursuant thereto and any special nuclear material produced through the use thereof if the cooperating party detonates a nuclear explosive device or terminates or abrogates an agreement providing for IAEA safeguards;

(5) a guaranty by the cooperating party that any material or any Restricted Data transferred pursuant to the agreement for cooperation and, except in the case of agreements arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, any production or utilization facility transferred pursuant to the agreement for cooperation or any special nuclear material produced through the use of any such facility or through the use of any material transferred pursuant to the agreement, will not be transferred to unauthorized persons or beyond the jurisdiction or control of the cooperating party without the consent of the United States;

(6) a guaranty by the cooperating party that adequate physical security will be maintained with respect to any nuclear material transferred pursuant to such agreement and with respect to any special nuclear material used in or produced through the use of any material, production facility, or utilization facility transferred pursuant to such agreement;

(7) except in the case of agreements for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, a guaranty by the cooperating party that no material transferred pursuant to the agreement for cooperation and no material used in or produced through the use of any material, production facility, or utilization facility transferred pursuant to the agreement for cooperation will be reprocessed, enriched or (in the case of plutonium, uranium 233, or uranium enriched to greater than twenty percent in the isotope 235, or other nuclear materials which have been irradiated) otherwise altered in form or content without the prior approval of the United States;

(8) except in the case of agreements for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, a guaranty by the cooperating party that no plutonium, no uranium 233, and no uranium enriched to greater than twenty percent in the isotope 235, transferred pursuant to the agreement for cooperation, or recovered from any source or special nuclear material so transferred or from any source or special nuclear material used in any production facility or utilization facility transferred pursuant to the agreement for cooperation, will be stored in any facility that has not been approved in advance by the United States; and

(9) except in the case of agreements for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, a guaranty by the cooperating party that any special nuclear material, production facility, or utilization facility produced or constructed under the jurisdiction of the cooperating party by or through the use of any sensitive nuclear technology transferred pursuant to such agreement for cooperation will be subject to all the requirements specified in this subsection.

The President may exempt a proposed agreement for cooperation (except an agreement arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title) from any of the requirements of the foregoing sentence if he determines that inclusion of any such requirement would be seriously prejudicial to the achievement of United States non-proliferation objectives or otherwise jeopardize the common defense and security. Except in the case of those agreements for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, any proposed agreement for cooperation shall be negotiated by the Secretary of State, with the technical assistance and concurrence of the Secretary of Energy; and after consultation with the Commission shall be submitted to the President jointly by the Secretary of State and the Secretary of Energy accompanied by the views and recommendations of the Secretary of State, the Secretary of Energy, and the Nuclear Regulatory Commission. The Secretary of State shall also provide to the President an unclassified Nuclear Proliferation Assessment Statement (A) which shall analyze the consistency of the text of the proposed agreement for

cooperation with all the requirements of this chapter, with specific attention to whether the proposed agreement is consistent with each of the criteria set forth in this subsection, and (B) regarding the adequacy of the safeguards and other control mechanisms and the peaceful use assurances contained in the agreement for cooperation to ensure that any assistance furnished thereunder will not be used to further any military or nuclear explosive purpose. Each Nuclear Proliferation Assessment Statement prepared pursuant to this chapter shall be accompanied by a classified annex, prepared in consultation with the Director of Central Intelligence, summarizing relevant classified information. In the case of those agreements for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, any proposed agreement for cooperation shall be submitted to the President by the Secretary of Energy or, in the case of those agreements for cooperation arranged pursuant to section 2121(c), 2164(b), or 2164(d) of this title which are to be implemented by the Department of Defense, by the Secretary of Defense;

(b) Presidential approval and authorization for execution of proposed agreements for cooperation

the President has submitted text of the proposed agreement for cooperation (except an agreement arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title), together with the accompanying unclassified Nuclear Proliferation Assessment Statement, to the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives, the President has consulted with such Committees for a period of not less than thirty days of continuous session (as defined in section 2159(g) of this title) concerning the consistency of the terms of the proposed agreement with all the requirements of this chapter, and the President has approved and authorized the execution of the proposed agreement for cooperation and has made a determination in writing that the performance of the proposed agreement will promote, and will not constitute an unreasonable risk to, the common defense and security;

(c) Submittal of proposed agreements for cooperation to Congressional committees

the proposed agreement for cooperation (if not an agreement subject to subsection (d) of this section), together with the approval and determination of the President, has been submitted to the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate for a period of thirty days of continuous session (as defined in section 2159(g) of this title): *Provided, however*, That these committees, after having received such agreement for cooperation, may by resolution in writing waive the conditions of all or any portion of such thirty-day period; and

(d) Congressional action

the proposed agreement for cooperation (if arranged pursuant to section 2121(c), 2164(b),

2164(c), or 2164(d) of this title, or if entailing implementation of section 2073, 2074(a), 2133, or 2134 of this title in relation to a reactor that may be capable of producing more than five thermal megawatts or special nuclear material for use in connection therewith) has been submitted to the Congress, together with the approval and determination of the President, for a period of sixty days of continuous session (as defined in section 2159(g) of this title) and referred to the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate, and in addition, in the case of a proposed agreement for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, the Committee on Armed Services of the House of Representatives and the Committee on Armed Services of the Senate, but such proposed agreement for cooperation shall not become effective if during such sixty-day period the Congress adopts, and there is enacted, a joint resolution stating in substance that the Congress does not favor the proposed agreement for cooperation: *Provided*, That the sixty-day period shall not begin until a Nuclear Proliferation Assessment Statement prepared by the Secretary of State, and any annexes thereto, when required by subsection (a) of this section, have been submitted to the Congress: *Provided further*, That an agreement for cooperation exempted by the President pursuant to subsection (a) of this section from any requirement contained in that subsection, or an agreement exempted pursuant to section 8003(a)(1) of title 22, shall not become effective unless the Congress adopts, and there is enacted, a joint resolution stating that the Congress does favor such agreement. During the sixty-day period the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate shall each hold hearings on the proposed agreement for cooperation and submit a report to their respective bodies recommending whether it should be approved or disapproved. Any such proposed agreement for cooperation shall be considered pursuant to the procedures set forth in section 2159(i) of this title.

Following submission of a proposed agreement for cooperation (except an agreement for cooperation arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title) to the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate, the Nuclear Regulatory Commission, the Department of State, the Department of Energy, and the Department of Defense shall, upon the request of either of those committees, promptly furnish to those committees their views as to whether the safeguards and other controls contained therein provide an adequate framework to ensure that any exports as contemplated by such agreement will not be inimical to or constitute an unreasonable risk to the common defense and security.

If, after March 10, 1978, the Congress fails to disapprove a proposed agreement for cooperation which exempts the recipient nation from the requirement set forth in subsection (a)(2) of

this section, such failure to act shall constitute a failure to adopt a resolution of disapproval pursuant to section 2157(b)(3) of this title for purposes of the Commission's consideration of applications and requests under section 2155(a)(2) of this title and there shall be no congressional review pursuant to section 2157 of this title of any subsequent license or authorization with respect to that state until the first such license or authorization which is issued after twelve months from the elapse of the sixty-day period in which the agreement for cooperation in question is reviewed by the Congress.

(e) Congressional committees informed of initiatives or negotiations relating to cooperation agreements

The President shall keep the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate fully and currently informed of any initiative or negotiations relating to a new or amended agreement for peaceful nuclear cooperation pursuant to this section (except an agreement arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title, or an amendment thereto).

(Aug. 1, 1946, ch. 724, title I, §123, as added Aug. 30, 1954, ch. 1073, §1, 68 Stat. 940; amended Pub. L. 85-479, §§3, 4, July 2, 1958, 72 Stat. 277; Pub. L. 85-681, §4, Aug. 19, 1958, 72 Stat. 632; Pub. L. 88-489, §15, Aug. 26, 1964, 78 Stat. 606; Pub. L. 93-377, §5, Aug. 17, 1974, 88 Stat. 475; Pub. L. 93-485, §1, Oct. 26, 1974, 88 Stat. 1460; Pub. L. 95-242, title IV, §401, Mar. 10, 1978, 92 Stat. 142; Pub. L. 99-64, title III, §301(a), (b), July 12, 1985, 99 Stat. 159, 160; renumbered title I, Pub. L. 102-486, title IX, §902(a)(8), Oct. 24, 1992, 106 Stat. 2944; Pub. L. 103-337, div. C, title XXXI, §3155(c)(1), Oct. 5, 1994, 108 Stat. 3092; Pub. L. 103-437, §15(f)(5), Nov. 2, 1994, 108 Stat. 4592; Pub. L. 104-106, div. A, title XV, §1505(g), Feb. 10, 1996, 110 Stat. 515; Pub. L. 105-277, div. G, title XII, §1225(d)(4), Oct. 21, 1998, 112 Stat. 2681-774; Pub. L. 109-401, title I, §104(e), Dec. 18, 2006, 120 Stat. 2734; Pub. L. 110-369, title II, §202, Oct. 8, 2008, 122 Stat. 4033.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (a) and (b), was in the original "this Act", meaning act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, known as the Atomic Energy Act of 1954, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

AMENDMENTS

2008—Subsec. (e). Pub. L. 110-369 added subsec. (e).
 2006—Subsec. (d). Pub. L. 109-401, in second proviso, inserted ", or an agreement exempted pursuant to section 8003(a)(1) of title 22," after "that subsection".
 1998—Pub. L. 105-277, §1225(d)(4)(C), in first undesignated paragraph of concluding provisions, struck out "the Arms Control and Disarmament Agency," after "Department of Energy,".
 Subsec. (a). Pub. L. 105-277, §1225(d)(4)(A), in concluding provisions, struck out "and in consultation with the Director of the Arms Control and Disarmament Agency ('the Director')" before "; and after consultation", inserted "and" after "Secretary of Energy," substituted "Commission. The Secretary of State" for "Commission, and the Director, who", and inserted

"Each Nuclear Proliferation Assessment Statement prepared pursuant to this chapter shall be accompanied by a classified annex, prepared in consultation with the Director of Central Intelligence, summarizing relevant classified information." after "nuclear explosive purpose."

Subsec. (d). Pub. L. 105-277, §1225(d)(4)(B), in first proviso, substituted "Nuclear Proliferation Assessment Statement prepared by the Secretary of State, and any annexes thereto," for "Nuclear Proliferation Assessment Statement prepared by the Director of the Arms Control and Disarmament Agency," and substituted "have been" for "has been".

1996—Subsec. (a). Pub. L. 104-106 substituted ", 2164(b), or 2164(d)" for "2164(b), or 2164(d)" in concluding provisions.

1994—Pub. L. 103-437 substituted "Foreign Affairs" for "International Relations" in penultimate paragraph.

Pub. L. 103-337, §3155(c)(1)(A), substituted "2164(c), or 2164(d)" for "or 2164(c)" in penultimate paragraph.

Subsec. (a). Pub. L. 103-337, §3155(c)(1)(B), substituted "2164(b), or 2164(d)" for "or 2164(b)" in provisions following par. (9).

Pub. L. 103-337, §3155(c)(1)(A), substituted "2164(c), or 2164(d)" for "or 2164(c)" wherever appearing.

Subsec. (b). Pub. L. 103-437 substituted "Foreign Affairs" for "International Relations".

Pub. L. 103-337, §3155(c)(1)(C), inserted "(except an agreement arranged pursuant to section 2121(c), 2164(b), 2164(c), or 2164(d) of this title)" after "the President has submitted text of the proposed agreement for cooperation".

Subsec. (c). Pub. L. 103-437 substituted "Foreign Affairs" for "International Relations".

Subsec. (d). Pub. L. 103-437 substituted "Foreign Affairs" for "International Relations" in two places.

Pub. L. 103-337, §3155(c)(1)(A), substituted "2164(c), or 2164(d)" for "or 2164(c)" in two places.

1985—Subsec. (a). Pub. L. 99-64, §301(a)(1), in provisions following par. (9) inserted "(A) which shall analyze the consistency of the text of the proposed agreement for cooperation with all the requirements of this chapter, with specific attention to whether the proposed agreement is consistent with each of the criteria set forth in this subsection, and (B)" after "Assessment Statement".

Subsec. (b). Pub. L. 99-64, §301(a)(2), inserted "the President has submitted text of the proposed agreement for cooperation, together with the accompanying unclassified Nuclear Proliferation Assessment Statement, to the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives, the President has consulted with such Committees for a period of not less than thirty days of continuous session (as defined in section 2159(g) of this title) concerning the consistency of the terms of the proposed agreement with all the requirements of this chapter, and".

Subsec. (d). Pub. L. 99-64, §301(a)(3), (b), substituted "adopts, and there is enacted, a joint resolution" for "adopts a concurrent resolution", inserted a further proviso directing that an agreement for cooperation exempted by the President pursuant to subsection (a) of this section from any requirement contained in that subsection shall not become effective unless the Congress adopts, and there is enacted, a joint resolution stating that the Congress does favor such agreement, inserted sentence directing that during the sixty-day period the Committee on Foreign Affairs of the House of Representatives and the Committee on Foreign Relations of the Senate shall each hold hearings on the proposed agreement for cooperation and submit a report to their respective bodies recommending whether it should be approved or disapproved, and substituted "section 2159(i) of this title" for "section 2159 of this title for the consideration of Presidential submissions".

1978—Pub. L. 95-242 added unlettered paragraphs following subsec. (d) relating to the submission of agency

views to Congressional committees and the failure of the Congress to act on agreements which exempt the recipient nation from the requirements of subsec. (a)(2).

Subsec. (a). Pub. L. 95-242 amended and carried forward into pars. (3), (5), and (6) the existing provisions relating to the terms and conditions required for inclusion in all new agreements for cooperation, inserted new terms and conditions set out in pars. (1), (2), (4), (7), (8), and (9), inserted provisions empowering the President to exempt proposed agreements from any of the requirements if he determines that inclusion of the requirement would be seriously prejudicial to the achievement of United States nonproliferation objectives or jeopardize the common defense and security for any other reason, provided for Congressional rejection of any such Presidential exemption, and provided that agreements be negotiated by the Department of State, with an exception for defense related agreements.

Subsec. (b). Pub. L. 95-242 reenacted existing provisions with only minor changes in punctuation.

Subsec. (c). Pub. L. 95-242 inserted "(if not an agreement subject to subsection (d) of this section)" after "the proposed agreement for cooperation", substituted "submitted to the Committee on International Relations of the House of Representatives and the Committee on Foreign Relations for a period of thirty days of continuous session (as defined in section 2159(g) of this title)" for "submitted to the Joint Committee and a period of thirty days has elapsed while Congress is in session (in computing such thirty days, there shall be excluded the days on which either House is not in session because of the adjournment of more than three days)", and substituted reference to "these committees" for reference to "the Joint Committee" in proviso.

Subsec. (d). Pub. L. 95-242 provided that proposed agreements be laid before the Committees on International Relations and Foreign Relations rather than the Joint Committee on Atomic Energy and that for major agreements the Nuclear Proliferation Assessment Statement, if any, prepared in conjunction with the President's review of the proposed agreement, also be submitted to the committees.

1974—Pub. L. 93-377 substituted reference to section 2074(a) of this title for reference to section 2074 of this title in opening par.

Subsec. (d). Pub. L. 93-485 inserted reference to proposed agreements entailing implementation of sections 2073, 2074, 2133, or 2134 of this title, or in relation to reactors capable of producing more than five thermal megawatts or special nuclear material in connection therewith, inserted provision requiring the Joint Committee to submit a report to Congress of its views and recommendations respecting the proposed agreement and an accompanying proposed concurrent resolution favoring or otherwise of such agreement within the first thirty days of the sixty day period and providing that such concurrent resolution so reported shall become the pending business of the House in question within twenty-five days and shall be voted on within five days thereafter unless such House determined otherwise, and struck out the proviso that during the 85th Congress the waiting period shall be thirty days.

1964—Pub. L. 88-489 inserted reference to section 2073 in opening par.

1958—Pub. L. 85-479, § 3, inserted reference to section 2121 in opening par.

Subsec. (a). Pub. L. 85-479, § 3, included agreements for cooperation arranged pursuant to section 2121(c) of this title, and inserted in cl. (3) the exception in the case of agreements arranged pursuant to section 2121(c) of this title.

Subsec. (c). Pub. L. 85-681 inserted proviso clause relating to waiver waiting period.

Subsec. (d). Pub. L. 85-479, § 4, added subsec. (d).

CHANGE OF NAME

Reference to the Director of Central Intelligence or the Director of the Central Intelligence Agency in the Director's capacity as the head of the intelligence com-

munity deemed to be a reference to the Director of National Intelligence. Reference to the Director of Central Intelligence or the Director of the Central Intelligence Agency in the Director's capacity as the head of the Central Intelligence Agency deemed to be a reference to the Director of the Central Intelligence Agency. See section 1081(a), (b) of Pub. L. 108-458, set out as a note under section 3001 of Title 50, War and National Defense.

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 OF 1985 AMENDMENT

Pub. L. 99-64, title III, § 301(d), July 12, 1985, 99 Stat. 162, provided that: "The amendments made by this section [amending this section and section 2159 of this title] shall apply to any agreement for cooperation which is entered into after the date of the enactment of this Act [July 12, 1985]."

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.

EFFECTIVE DATE OF 1974 AMENDMENT

Pub. L. 93-485, § 2, Oct. 26, 1974, 88 Stat. 1460, provided that: "This Act [amending this section] shall apply to proposed agreements for cooperation and to proposed amendments to agreements for cooperation hereafter [Oct. 26, 1974] submitted to the Congress."

SUPPORT FOR UNITED STATES-REPUBLIC OF KOREA CIVIL NUCLEAR COOPERATION

Pub. L. 113-81, Feb. 12, 2014, 128 Stat. 1007, provided that:

"SECTION 1. SHORT TITLE.

"This Act may be cited as the 'Support for United States-Republic of Korea Civil Nuclear Cooperation Act'.

"SEC. 2. FINDINGS.

"Congress makes the following findings:

"(1) In the 60th year of the alliance, the relationship between the United States and the Republic of Korea could not be stronger. It is based on mutual sacrifice, mutual respect, shared interests, and shared responsibility to promote peace and security in the Asia-Pacific region and throughout the world.

"(2) North Korea's nuclear weapons programs, including uranium enrichment and plutonium reprocessing technologies, undermine security on the Korean Peninsula. The United States and the Republic of Korea have a shared interest in preventing further proliferation, including through the implementation of the 2005 Joint Statement of the Six-Party Talks.

"(3) Both the United States and Republic of Korea have a shared objective in strengthening the Treaty on the Non-Proliferation of Nuclear Weapons, done at London, Moscow, and Washington July 1, 1968, and a political and a commercial interest in working collaboratively to address challenges to their respective peaceful civil nuclear programs.

"(4) The nuclear energy agreement referred to in section 3 is scheduled to expire on March 19, 2014. In order to maintain healthy and uninterrupted cooperation in this area between the two countries while a new agreement is being negotiated, Congress

should authorize the President to extend the duration of the current agreement until March 19, 2016.

“SEC. 3. EXTENSION OF NUCLEAR ENERGY AGREEMENT WITH THE REPUBLIC OF KOREA.

“Notwithstanding section 123 of the Atomic Energy Act of 1954 (42 U.S.C. 2153), the President is authorized to take such actions as may be required to extend the term of the Agreement for Cooperation between the Government of the United States of America and the Government of the Republic of Korea Concerning Civil Uses of Atomic Energy, done at Washington November 24, 1972 (24 UST 775; TIAS 7583), and amended on May 15, 1974 (25 UST 1102; TIAS 7842), to a date that is not later than March 19, 2016.

“SEC. 4. REPORT TO CONGRESS ON PROGRESS OF NEGOTIATIONS BETWEEN THE UNITED STATES AND REPUBLIC OF KOREA.

“Not later than 180 days after the date of the enactment of this Act [Feb. 12, 2014], and every 180 days thereafter until a new Agreement for Cooperation between the Government of the United States of America and the Government of the Republic of Korea Concerning Civil Uses of Nuclear Energy is submitted to Congress, the President shall provide to the Committee on Foreign Relations and the Committee on Appropriations of the Senate and the Committee on Foreign Affairs and the Committee on Appropriations of the House of Representatives a report on the progress of negotiations on a new civil nuclear cooperation agreement.”

[Memorandum of President of the United States, July 11, 2014, 79 F.R. 43917, delegated to the Secretary of State the reporting functions under section 4 of Pub. L. 113-81, set out above.]

APPLICABILITY OF NOTICE AND WAIT PROVISIONS

Pub. L. 103-337, div. C, title XXXI, §3155(b), Oct. 5, 1994, 108 Stat. 3092, as amended by Pub. L. 104-201, div. C, title XXXI, §3160, Sept. 23, 1996, 110 Stat. 2843; Pub. L. 107-314, div. D, title XLV, §4501(b), formerly Pub. L. 104-106, div. C, title XXXI, §3154(b), Feb. 10, 1996, 110 Stat. 624, renumbered §4501(b) of Pub. L. 107-314 by Pub. L. 108-136, div. C, title XXXI, §3141(h)(2)(A)-(C), Nov. 24, 2003, 117 Stat. 1771, provided that: “Section 123 d. of the Atomic Energy Act of 1954 (42 U.S.C. 2153(d)), as amended by subsection (c), shall not apply to a proposed agreement for cooperation under section 144 d. of such Act [42 U.S.C. 2164(d)], as inserted by subsection (a), until October 1, 1997.”

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 Inter-course.

FUEL CYCLE EVALUATIONS; REPORT TO CONGRESS

Pub. L. 95-601, §9, Nov. 6, 1978, 92 Stat. 2951, directed Commission to monitor and assist, as requested, International Fuel Cycle Evaluation and studies and evaluations of various nuclear fuel cycle systems by Department of Energy in progress as of Nov. 6, 1978, and report to Congress semiannually through calendar year 1980 and annually through calendar year 1982 on status of domestic and international evaluations of nuclear fuel cycle systems, with report to include a summary of information developed by and available to Commission

on health, safety, and safeguards implications of leading fuel cycle technologies.

ADEQUACY OF LAWS AND REGULATIONS GOVERNING EXPORT AND RE-EXPORT OF NUCLEAR MATERIALS, ETC., AND SAFEGUARDS PREVENTING PROLIFERATION OF NUCLEAR MATERIALS

Pub. L. 93-500, §14, Oct. 29, 1974, 88 Stat. 1557, directed President to review and report to Congress within six months after Oct. 29, 1974, on all laws and pertinent regulations issued thereunder, governing the export and re-export of nuclear materials and information relating to the design and development thereof, in order to curb further domestic and international nuclear proliferation, diversion, or theft of nuclear materials.

COOPERATION WITH BERLIN

Act Aug. 1, 1946, ch. 724, title I, §125, as added by Apr. 12, 1957, Pub. L. 85-14, 71 Stat. 11; amended by Aug. 17, 1974, Pub. L. 93-377, §5, 88 Stat. 475; renumbered title I, Oct. 24, 1992, Pub. L. 102-486, title IX, §902(a)(8), 106 Stat. 2944, provided that the President could authorize the Commission to enter into agreements for cooperation with the Federal Republic of Germany in accordance with this section, on behalf of Berlin, which for the purposes of this chapter comprised those areas over which the Berlin Senate exercised jurisdiction (the United States, British, and French sectors) and the Commission could thereafter cooperate with Berlin pursuant to section 2074(a), 2077, 2094, 2112, 2133, or 2134 of this title, with provision that the guaranties required by this section were to be made by Berlin with the approval of the allied commandants.

EX. ORD. NO. 10841. INTERNATIONAL COOPERATION

Ex. Ord. No. 10841, eff. Sept. 30, 1959, 24 F.R. 7941, as amended by Ex. Ord. No. 10956, eff. Aug. 10, 1961, 26 F.R. 7315; Ex. Ord. No. 12608, Sept. 9, 1987, 52 F.R. 34617, provided:

SECTION 1. Whenever the President, pursuant to section 123 of the Act [this section], has approved and authorized the execution of a proposed agreement providing for cooperation pursuant to section 91c, 144a, 144b, or 144c of the Act [sections 2121(c), 2164(a), 2164(b), 2164(c) of this title], such approval and authorization by the President shall constitute his authorization to cooperate to the extent provided for in the agreement and in the manner provided for in section 91c, 144a, 144b, or 144c [sections 2121(c), 2164(a), 2164(b), or 2164(c) of this title], as pertinent. In respect of sections 91c, 144b, and 144c [sections 2121(c), 2164(b), and 2164(c) of this title], authorizations by the President to cooperate shall be subject to the requirements of sections 123d of the Act [subsec. (d) of this section] and shall also be subject to appropriate determinations made pursuant to section 2 of this order.

SEC. 2. (a) The Secretary of Defense and the Secretary of Energy are hereby designated and empowered to exercise jointly, after consultation with executive agencies as may be appropriate, the following-described authority without the approval, ratification, or other action of the President:

(1) The authority vested in the President by section 91c of the Act [section 2121(c) of this title] to determine that the proposed cooperation and each proposed transfer arrangement referred to in that section will promote and will not constitute an unreasonable risk to the common defense and security.

(2) The authority vested in the President by section 144b of the Act [section 2164(b) of this title] to determine that the proposed cooperation and the proposed communication of Restricted Data referred to in that section will promote and will not constitute an unreasonable risk to the common defense and security: *Provided*, That each determination made under this paragraph shall be referred to the President and, unless disapproved by him, shall become effective fifteen days after such referral or at such later time as may be specified in the determination.

(3) The authority vested in the President by section 144c of the Act [section 2164(c) of this title] to determine that the proposed cooperation and the communication of the proposed Restricted Data referred to in that section will promote and will not constitute an unreasonable risk to the common defense and security.

(b) Whenever the Secretary of Defense and the Secretary of Energy are unable to agree upon a joint determination under the provisions of subsection (a) of this section, the recommendations of each of them, together with the recommendations of other agencies concerned, shall be referred to the President, and the determination shall be made by the President.

SEC. 3. This order shall not be construed as delegating the function vested in the President by section 91c of the Act [section 2121(c) of this title] of approving programs proposed under that section.

SEC. 4. (a) The functions of negotiating and entering into international agreements under the Act [this chapter] shall be performed by or under the authority of the Secretary of State.

(b) International cooperation under the Act [this chapter] shall be subject to the responsibilities of the Secretary of State with respect to the foreign policy of the United States pertinent thereto.

§ 2153a. Approval for enrichment after export of source or special nuclear material; export of major critical components of enrichment facilities

(a) Except as specifically provided in any agreement for cooperation, no source or special nuclear material hereafter exported from the United States may be enriched after export without the prior approval of the United States for such enrichment: *Provided*, That the procedures governing such approvals shall be identical to those set forth for the approval of proposed subsequent arrangements under section 2160 of this title, and any commitments from the recipient which the Secretary of Energy and the Secretary of State deem necessary to ensure that such approval will be obtained prior to such enrichment shall be obtained prior to the submission of the executive branch judgment regarding the export in question and shall be set forth in such submission: *And provided further*, That no source or special nuclear material shall be exported for the purpose of enrichment or reactor fueling to any nation or group of nations which has, after March 10, 1978, entered into a new or amended agreement for cooperation with the United States, except pursuant to such agreement.

(b) In addition to other requirements of law, no major critical component of any uranium enrichment, nuclear fuel reprocessing, or heavy water production facility shall be exported under any agreement for cooperation (except an agreement for cooperation pursuant to section 2121(c), 2164(b), or 2164(c) of this title) unless such agreement for cooperation specifically designates such components as items to be exported pursuant to the agreement for cooperation. For purposes of this subsection, the term "major critical component" means any component part or group of component parts which the President determines to be essential to the operation of a complete uranium enrichment, nuclear fuel reprocessing, or heavy water production facility. (Pub. L. 95-242, title IV, § 402, Mar. 10, 1978, 92 Stat. 145.)

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.

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.

DELEGATION OF FUNCTIONS

Delegation or assignment to Secretary of Energy of function vested in President under subsec. (b) of this section, see section 1(a) 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.

§ 2153b. Export policies relating to peaceful nuclear activities and international nuclear trade

The President shall take immediate and vigorous steps to seek agreement from all nations and groups of nations to commit themselves to adhere to the following export policies with respect to their peaceful nuclear activities and their participation in international nuclear trade:

(a) Undertakings by transferee nations receiving nuclear material and equipment or sensitive nuclear technology

No nuclear materials and equipment and no sensitive nuclear technology within the territory of any nation or group of nations, under its jurisdiction, or under its control anywhere will be transferred to the jurisdiction of any other nation or group of nations unless the nation or group of nations receiving such transfer commits itself to strict undertakings including, but not limited to, provisions sufficient to ensure that—

(1) no nuclear materials and equipment and no nuclear technology in, under the jurisdiction of, or under the control of any non-nuclear-weapon state, shall be used for nuclear explosive devices for any purpose or for research on or development of nuclear explosive devices for any purpose, except as permitted by Article V, the Treaty;

(2) IAEA safeguards will be applied to all peaceful nuclear activities in, under the jurisdiction of, or under the control of any non-nuclear-weapon state;

(3) adequate physical security measures will be established and maintained by any nation or group of nations on all of its nuclear activities;

(4) no nuclear materials and equipment and no nuclear technology intended for peaceful purposes in, under the jurisdiction of, or under