CHAPTER 47—NUCLEAR NON-PROLIFERATION

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§ 3201. Congressional declaration of policy

The Congress finds and declares that the proliferation of nuclear explosive devices or of the direct capability to manufacture or otherwise acquire such devices poses a grave threat to the security interests of the United States and to continued international progress toward world peace and development. Recent events emphasize the urgency of this threat and the imperative need to increase the effectiveness of international safeguards and controls on peaceful nuclear activities to prevent proliferation. Accordingly, it is the policy of the United States to—

(a) actively pursue through international initiatives mechanisms for fuel supply assurances and the establishment of more effective international controls over the transfer and use of nuclear materials and equipment and nuclear technology for peaceful purposes in order to prevent proliferation, including the establishment of common international sanctions;

(b) take such actions as are required to confirm the reliability of the United States in meeting its commitments to supply nuclear reactors and fuel to nations which adhere to effective non-proliferation policies by establishing procedures to facilitate the timely processing of requests for subsequent arrangements and export licenses;

(c) strongly encourage nations which have not ratified the Treaty on the Non-Proliferation of Nuclear Weapons to do so at the earliest possible date; and

(d) cooperate with foreign nations in identifying and adapting suitable technologies for energy production and, in particular, to identify alternative options to nuclear power in aiding such nations to meet their energy needs, consistent with the economic and material resources of those nations and environmental protection.


EFFECTIVE DATE

Section 603(c) of Pub. L. 95–242 provided that: "Except where otherwise provided, the provisions of this Act [see Short Title note below] shall take effect immediately upon enactment [Mar. 10, 1978] regardless of any requirement for the promulgation of regulations to implement such provisions."

SHORT TITLE

Section 1 of Pub. L. 95–242 provided: "That this Act [enacting this chapter and sections 2138a, 2141, 2153a to 2153f, and 2155 to 2160a of Title 42; The Public Health and Welfare, amending sections 2074, 2075, 2077, 2094, 2139, and 2153 of Title 42, and enacting provisions set out as notes under sections 2321, 2322, and 2326 of this title and section 2139 of Title 42] may be cited as the 'Nuclear Non-Proliferation Act of 1978.'"

NUCLEAR PROLIFERATION PREVENTION; EFFECTIVE AND TERMINATION DATES OF 1994 AMENDMENT


ADVOCACY AND ENCOURAGEMENT BY UNITED STATES OF NONPARTIES TO TREATY ON NON-PROLIFERATION OF NUCLEAR WEAPONS TO BECOME SIGNATORIES; REPORT TO CONGRESS


"(a) In accordance with the Nuclear Non-Proliferation Act of 1978 [see Short Title note above], the Congress strongly urges all nations which are not parties to the Treaty on Non-Proliferation of Nuclear Weapons to become parties to that treaty.


EX. ORD. NO. 12058. FUNCTIONS RELATING TO NUCLEAR NON-PROLIFERATION

Ex. Ord. No. 12058, May 11, 1978, 43 F.R. 20947, provided:

By virtue of the authority vested in me by the Nuclear Non-Proliferation Act of 1978 [Public Law 95–242, 92 Stat. 120, 22 U.S.C. 2801 et seq.], and Section 301 of Title 3 of the United States Code, and as President of the United States of America, it is hereby ordered as follows:

SECTION 1. Department of Energy. The following functions vested in the President by the Nuclear Non-Pro-
It is the purpose of this chapter to promote the policies set forth above by—

(a) establishing a more effective framework for international cooperation to meet the energy needs of all nations and to ensure that the worldwide development of peaceful nuclear activities and the export by any nation of nuclear materials and equipment and nuclear technology intended for use in peaceful nuclear activities do not contribute to proliferation;

(b) authorizing the United States to take such actions as are required to ensure that it will act reliably in meeting its commitment to supply nuclear reactors and fuel to nations which adhere to effective non-proliferation policies;

(c) providing incentives to the other nations of the world to join in such international cooperative efforts and to ratify the Treaty; and

(d) ensuring effective controls by the United States over its exports of nuclear materials and equipment and of nuclear technology.


REFERENCES IN TEXT


1So in the original. Probably should be “section 109(b)”.

§ 3203. Definitions

(a) As used in this chapter, the term—

(1) “Commission” means the Nuclear Regulatory Commission;

(2) “IAEA” means International Atomic Energy Agency;

(3) “nuclear materials and equipment” means source material, special nuclear material, production facilities, utilization facilities, and components, items or substances determined to have significance for nuclear explosive purposes pursuant to subsection 109b of the 1954 Act (42 U.S.C. 2139(b));

(4) “physical security measures” means measures to reasonably ensure that source or special nuclear material will only be used for authorized purposes and to prevent theft and sabotage;

(5) “sensitive nuclear technology” means any information (including information incorporated in a production or utilization facility or important component part thereof) which is not available to the public and which is important to the design, construction, fabrication, operation or maintenance of a uranium enrichment or nuclear fuel reprocessing facility or a facility for the production of heavy water, but shall not include Restricted Data controlled pursuant to chapter 12 of the 1954 Act (42 U.S.C. 2161 et seq.);

(6) “1954 Act” means the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.); and

(7) “the Treaty” means the Treaty on the Non-Proliferation of Nuclear Weapons.

(b) All other terms used in this chapter not defined in this section shall have the meanings ascribed to them by the 1954 Act, the Energy Reorganization Act of 1974 (42 U.S.C. 5801 et seq.), and the Treaty.
as amended, which is classified principally to chapter 73 (§5801 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 5801 of Title 42 and Tables.

**AMENDMENTS**

1998—Pub. L. 105–277 redesignated pars. (3) to (8) as (2) to (7), respectively, and struck out former par. (2) which read as follows: "‘Director’ means the Director of the Arms Control and Disarmament Agency’.

**EFFECTIVE DATE OF 1998 AMENDMENT**


**SUBCHAPTER I—UNITED STATES INITIATIVES TO PROVIDE ADEQUATE NUCLEAR FUEL SUPPLY**

§ 3221. Congressional declaration of policy

The United States, as a matter of national policy, shall take such actions and institute such measures as may be necessary and feasible to assure other nations and groups of nations that may seek to utilize the benefits of atomic energy for peaceful purposes that it will provide a reliable supply of nuclear fuel to those nations and groups of nations which adhere to policies designed to prevent proliferation. Such nuclear fuel shall be provided under agreements entered into pursuant to section 2201 of title 42 or otherwise authorized by law. The United States shall ensure that it will have available the capacity on a long-term basis to enter into new fuel supply commitments consistent with its non-proliferation policies and domestic energy needs. The Commission shall, on a timely basis, authorize the export of nuclear materials and equipment when all the applicable statutory requirements are met.


**EFFECTIVE DATE**

Subchapter effective Mar. 10, 1978, except as otherwise provided and regardless of any requirements for the promulgation of implementing regulations, see section 3201 of Pub. L. 95–242, set out as a note under section 3201 of this title.

§ 3222. Uranium enrichment capacity

The Secretary of Energy is directed to initiate construction planning and design, construction, and operation activities for expansion of uranium enrichment capacity, as elsewhere provided by law. Further the Secretary as well as the Nuclear Regulatory Commission and the Secretary of State are directed to establish and implement procedures which will ensure to the maximum extent feasible, consistent with this chapter, orderly processing of subsequent arrangements and export licenses with minimum time delay.


**AMENDMENTS**

1998—Pub. L. 105–277 substituted “and the Secretary of State” for “the Secretary of State, and the Director of the Arms Control and Disarmament Agency”.

**EFFECTIVE DATE OF 1998 AMENDMENT**


§ 3223. International undertakings

(a) Development of international approaches for meeting future worldwide nuclear fuel needs; international nuclear fuel authority

Consistent with section 3224 of this title, the President shall institute prompt discussions with other nations and groups of nations, including both supplier and recipient nations, to develop international approaches for meeting future worldwide nuclear fuel needs. In particular, the President is authorized and urged to seek to negotiate as soon as practicable with nations possessing nuclear fuel production facilities or source material, and such other nations and groups of nations, such as the IAEA, as may be deemed appropriate, with a view toward the timely establishment of binding international undertakings providing for—

(1) the establishment of an international nuclear fuel authority (INFA) with responsibility for providing agreed upon fuel services and allocating agreed upon quantities of fuel resources to ensure fuel supply on reasonable terms in accordance with agreements between INFA and supplier and recipient nations;

(2) a set of conditions consistent with subsection (d) of this section under which international fuel assurances under INFA auspices will be provided to recipient nations, including conditions which will ensure that the transferred materials will not be used for nuclear explosive devices;

(3) devising, consistent with the policy goals set forth in section 2153b of title 42, feasible and environmentally sound approaches for the siting, development, and management under effective international auspices and inspection of facilities for the provision of nuclear fuel services, including the storage of special nuclear material;

(4) the establishment of repositories for the storage of spent nuclear reactor fuel under effective international auspices and inspection;

(5) the establishment of arrangements under which nations placing spent fuel in such repositories would receive appropriate compensation for the energy content of such spent fuel if recovery of such energy content is deemed necessary or desirable; and

(6) sanctions for violation of the provisions of or for abrogation of such binding international undertakings.

(b), (c) Omitted

(d) Adherence of nations to policies designed to prevent proliferation

The fuel assurances contemplated by this section shall be for the benefit of nations that adhere to policies designed to prevent proliferation. In negotiating the binding international undertakings called for in this section, the President shall, in particular, seek to ensure that the benefits of such undertakings are available to non-nuclear-weapon states only if such states accept IAEA safeguards on all their
peaceful nuclear activities, do not manufacture or otherwise acquire any nuclear explosive device, do not establish any new enrichment or reprocessing facilities under their de facto or de jure control, and place any such existing facilities under effective international auspices and inspection.

(e) Report on progress of negotiations

The report required by section 3281 of this title shall include information on the progress made in any negotiations pursuant to this section.

(f) Congressional approval of non-treaty international undertakings; submission of proposals

(1) The President may not enter into any binding international undertaking negotiated pursuant to subsection (a) of this section which is not a treaty until such time as such proposed undertaking has been submitted to the Congress and has been approved by concurrent resolution.

(2) The proposals prepared pursuant to subsection (b) of this section shall be submitted to the Congress as part of an annual authorization Act for the Department of Energy.

§ 3224a. Reevaluation of nuclear fuel cycle

The President shall take immediate initiatives to invite all nuclear supplier and recipient nations to reevaluate all aspects of the nuclear fuel cycle, with emphasis on alternatives to an economy based on the separation of pure plutonium or the presence of high enriched uranium, methods to deal with spent fuel storage, and methods to improve the safeguards for existing nuclear technology. The President shall, in the first report required by section 3281 of this title, detail the progress of such international reevaluation.

§ 3224a. Studies and agreements by Secretary of Energy on multinational or international basis concerning spent fuel storage facilities and transportation systems; Congressional consent; authorization of appropriations; limitations on use of funds; exceptions; special nuclear material for India

Department of Energy is hereby authorized to undertake studies, in cooperation with other nations, on a multinational or international basis designed to determine the general feasibility of expanding capacity of existing spent fuel storage facilities; to enter into agreements, subject to the consent of the Congress, to increase international or multinational spent fuel storage capacity; to conduct studies on the feasibility of establishing regional storage sites; and to conduct studies on international transportation and storage systems. For the purpose of carrying out the provisions of this section, there is included in subsection 101(20) of this Act authorization of appropriations in the amount of $20,000,000: Provided, That, notwithstanding any other provision of law, that none of the funds made available to the Secretary of Energy under any other authorization or appropriation Act shall be used, directly or indirectly, for the re-purchase, transportation or storage of any foreign spent nuclear fuel (including any nuclear fuel irradiated in any nuclear power reactor located outside of the United States and operated by any foreign legal entity, government or non-government), regardless of the legal ownership or control of the fuel or the reactor, and regardless of the origin or licensing of the fuel or the reactor, but not including fuel irradiated in a research reactor, and not including fuel irradiated in a power reactor if the President determines that (1) use of funds for repurchase, transportation or storage of such fuel is required by an emergency situation, (2) it is in the interest of the common defense and security of the United States to take such action, and (3) he notifies the Congress of the determination and action, with a detailed explanation and justification thereof, as soon as possible) unless the President formally notifies, with the report information specified herein, the Committee on Energy and Natural Resources of the Senate and the Committee on Science, Space, and Technology of the House of Representatives of such use of funds thirty calendar days, during such time as either House of Congress is in session, before the commitment, expenditure, or obligation of such funds: And provided further, That, notwithstanding any other provision of law, that none of the
funds appropriated pursuant to this Act or any other funds made available to the Secretary of Energy under any other authorization or appropriation Act shall be used, directly or indirectly, for the repurchase, transportation, or storage of any such foreign spent nuclear fuel for storage or other disposition, interim or permanent, in the United States, unless the use of the funds for that specific purpose has been (1) previously and expressly authorized by Congress in legislation hereafter enacted, (2) previously and expressly authorized by a concurrent resolution, or (3) the President submits a plan for such use, with the report information specified herein, thirty days during which the Congress is in continuous session, as defined in the Impoundment Control Act of 1974 [2 U.S.C. 681 et seq.], prior to such use and neither House of Congress approves a resolution of disapproval of the plan prior to the expiration of the aforementioned thirty-day period. If such a resolution of disapproval has been introduced, but has not been reported by the Committee on or before the twentieth day after transmission of the Presidential message, a privileged motion shall be in order in the respective body to discharge the Committee from further consideration of the resolution and to provide for its immediate consideration, using the procedures specified for consideration of an impoundment resolution in section 1017 of the Impoundment Control Act of 1974 (31 U.S.C. 1407) [2 U.S.C. 688]. Any report or plan proposed under this proviso shall include information and any supporting documentation thereof relating to policy objectives, technical description and discussion, geographic information, cost data, justification and projections, legal and regulatory considerations, environmental impact information and any related bilateral or international agreements, arrangements or understandings: And provided further, That nothing contained in this section shall be construed in any executive branch action, administrative proceeding, regulatory proceeding, or legal proceeding as being intended to delay, modify, or reverse the Memorandum and Order of the Nuclear Regulatory Commission of June 28, 1977, for the issuance of License No. XSNM-845 to the agent-applicant for the Government of India and the subsequent exp ocations applicable to such supply.

And provided further, That nothing contained in this section shall be construed in any executive branch action, administrative proceeding, regulatory proceeding, or legal proceeding as being intended to delay, modify, or reverse the Memorandum and Order of the Nuclear Regulatory Commission of June 28, 1977, for the issuance of License No. XSNM-845 to the agent-applicant for the Government of India and the subsequent exposure thereof of the special nuclear material to be used as fuel for the Tarapur Atomic Power Station or any other order of the Nuclear Regulatory Commission to issue a license for the export of special nuclear material and subsequent exports thereby licensed, or any consideration by the Nuclear Regulatory Commission of a license application for the export of special nuclear material.


REFERENCES IN Text
Section 101(20) of this Act, referred to in text, is section 101(20) of Pub. L. 95–238, title I, Feb. 25, 1978, 92 Stat. 48, which authorized appropriations for fuel cycle research and development and which was not classified to the Code. Pub. L. 95–238 is known as the Department of Energy Act of 1978—Civilian Applications. The Impoundment Control Act of 1974, referred to in text, is parts A and B of title X of Pub. L. 93–344, July 12, 1974, 88 Stat. 332, as amended, which is classified principally to subchapters I (§681) and II (§682 et seq.) of chapter 17B of Title 2, The Congress. For complete classification of this Act to the Code, see Short Title note set out under section 681 of Title 2 and Tables.

C O N D I T I O N Section was enacted as part of the Department of Energy Act of 1978—Civilian Applications, and not as part of the Nuclear Non-Proliferation Act of 1978 which comprises this chapter.

A MENDMENTS
1994—Pub. L. 103–437 substituted “Science, Space, and Technology” for “Science and Technology”.


§ 3241. Congressional declaration of policy
The United States is committed to continued strong support for the principles of the Treaty on the Non-Proliferation of Nuclear Weapons, to strengthen and more effective International Atomic Energy Agency and to a comprehensive safeguards system administered by the Agency to deter proliferation. Accordingly, the United States shall seek to act with other nations to—

(a) continue to strengthen the safeguards program of the IAEA and, in order to implement this section, contribute funds, technical resources, and other support to assist the IAEA in effectively implementing safeguards;

(b) ensure that the IAEA has the resources to carry out the provisions of Article XII of the Statute of the IAEA;

(c) improve the IAEA safeguards system (including accountability) to ensure—

(1) the timely detection of a possible diversion of source or special nuclear materials which could be used for nuclear explosive devices;

(2) the timely dissemination of information regarding such diversion; and

(3) the timely implementation of internationally agreed procedures in the event of such diversion;

(d) ensure that the IAEA receives on a timely basis the data needed for it to administer an effective and comprehensive international safeguards program and that the IAEA provides timely notice to the world community of any evidence of a violation of any safeguards agreement to which it is a party; and

(e) encourage the IAEA, to the maximum degree consistent with the Statute, to provide nations which supply nuclear materials and equipment with the data needed to assure such nations of adherence to bilateral commitments applicable to such supply.


E F F E C T I V E D A T E
Subchapter effective Mar. 10, 1978, except as otherwise provided and regardless of any requirements for the promulgation of implementing regulations, see section 633(c) of Pub. L. 95–242, set out as a note under section 3251 of this title.

§ 3242. Training program
The Department of Energy, in consultation with the Commission, shall establish and oper-
§ 3244. Actions to combat international nuclear terrorism

(a) Actions to be taken by President

The Congress hereby directs the President—

(1) to seek universal adherence to the Convention on the Physical Protection of Nuclear Material; and

(2) to—

(A) conduct a review, enlisting the participation of all relevant departments and agencies of the Government, to determine whether the recommendations on Physical Protection of Nuclear Material published by the International Atomic Energy Agency are adequate to deter theft, sabotage, and the use of nuclear facilities and materials in acts of international terrorism, and

(B) transmit the results of this review to the Director-General of the International Atomic Energy Agency;

(3) to take, in concert with United States allies and other countries, such steps as may be necessary—

(A) to keep to a minimum the amount of weapons-grade nuclear material in international transit, and

(B) to ensure that when any such material is transported internationally, it is under the most effective means for adequately protecting it from acts or attempted acts of sabotage or theft by terrorist groups or nations; and

(4) to seek agreement in the United Nations Security Council to establish—

(A) an effective regime of international sanctions against any nation or subnational group which conducts or sponsors acts of international nuclear terrorism; and

(B) measures for coordinating responses to all acts of international nuclear terrorism, including measures for the recovery of stolen nuclear material and the clean-up of nuclear releases.

(b) Reports to Congress

The President shall report to the Congress annually, in the reports required by section 3281 of this title, on the progress made during the preceding year in achieving the objectives described in this section.

§ 3243. Negotiations

The United States shall seek to negotiate with other nations and groups of nations to—

(1) adopt general principles and procedures, including common international sanctions, to be followed in the event that a nation violates any material obligation with respect to the peaceful use of nuclear materials and equipment or nuclear technology, or in the event that any nation violates the principles of the Treaty, including the detonation by a non-nuclear-weapon state of a nuclear explosive device; and

(2) establish international procedures to be followed in the event of diversion, theft, or sabotage of nuclear materials or sabotage of nuclear facilities, and for recovering nuclear materials that have been lost or stolen, or obtained or used by a nation or by any person or group in contravention of the principles of the Treaty.

§ 3242. Nuclear terrorism prevention


SEC. 331. DEFINITIONS.

"In this subtitle:


"(2) The term 'formula quantities of strategic special nuclear material' means uranium–235 (contained in uranium enriched to 20 percent or more in the U–235 isotope), uranium–233, or plutonium in any combination in a total quantity of 5,000 grams or more computed by the formula, grams = (grams contained U–235) + 2.5 (grams U–233 + grams plutonium), as set forth in the definitions of 'formula quantity' and 'strategic special nuclear material' in section 73.2 of title 10, Code of Federal Regulations.


"(4) The term 'nuclear weapon' means any device utilizing atomic energy, exclusive of the means for transporting or propelling the device (where such means is a separable and divisible part of the device), the principal purpose of which is for use as, or for the development of, a weapon, a weapon prototype, or a weapon test device.

SEC. 332. SENSE OF CONGRESS ON THE PREVENTION OF NUCLEAR TERRORISM.

"It is the sense of Congress that—

"(1) the President should make the prevention of a nuclear terrorist attack on the United States a high priority;

"(2) the President should accelerate programs, requesting additional funding as appropriate, to prevent nuclear terrorism, including combating nuclear smuggling, securing and accounting for nuclear weapons, and eliminating, removing, or securing and accounting for formula quantities of strategic special nuclear material wherever such quantities may be;

"(3) the United States, together with the international community, should take a comprehensive approach to reducing the danger of nuclear terrorism, including by making additional efforts to identify

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(a) Actions to be taken by President

(1) to seek universal adherence to the Convention on the Physical Protection of Nuclear Material;

(2) to—

(A) conduct a review, enlisting the participation of all relevant departments and agencies of the Government, to determine whether the recommendations on Physical Protection of Nuclear Material published by the International Atomic Energy Agency are adequate to deter theft, sabotage, and the use of nuclear facilities and materials in acts of international terrorism, and

(B) transmit the results of this review to the Director-General of the International Atomic Energy Agency;

(3) to take, in concert with United States allies and other countries, such steps as may be necessary—

(A) to keep to a minimum the amount of weapons-grade nuclear material in international transit, and

(B) to ensure that when any such material is transported internationally, it is under the most effective means for adequately protecting it from acts or attempted acts of sabotage or theft by terrorist groups or nations; and

(4) to seek agreement in the United Nations Security Council to establish—

(A) an effective regime of international sanctions against any nation or subnational group which conducts or sponsors acts of international nuclear terrorism; and

(B) measures for coordinating responses to all acts of international nuclear terrorism, including measures for the recovery of stolen nuclear material and the clean-up of nuclear releases.

(b) Reports to Congress

The President shall report to the Congress annually, in the reports required by section 3281 of this title, on the progress made during the preceding year in achieving the objectives described in this section.

§ 3243. Negotiations

The United States shall seek to negotiate with other nations and groups of nations to—

(1) adopt general principles and procedures, including common international sanctions, to be followed in the event that a nation violates any material obligation with respect to the peaceful use of nuclear materials and equipment or nuclear technology, or in the event that any nation violates the principles of the Treaty, including the detonation by a non-nuclear-weapon state of a nuclear explosive device; and

(2) establish international procedures to be followed in the event of diversion, theft, or sabotage of nuclear materials or sabotage of nuclear facilities, and for recovering nuclear materials that have been lost or stolen, or obtained or used by a nation or by any person or group in contravention of the principles of the Treaty.

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"(2) The term 'formula quantities of strategic special nuclear material' means uranium–235 (contained in uranium enriched to 20 percent or more in the U–235 isotope), uranium–233, or plutonium in any combination in a total quantity of 5,000 grams or more computed by the formula, grams = (grams contained U–235) + 2.5 (grams U–233 + grams plutonium), as set forth in the definitions of 'formula quantity' and 'strategic special nuclear material' in section 73.2 of title 10, Code of Federal Regulations.


"(4) The term 'nuclear weapon' means any device utilizing atomic energy, exclusive of the means for transporting or propelling the device (where such means is a separable and divisible part of the device), the principal purpose of which is for use as, or for the development of, a weapon, a weapon prototype, or a weapon test device.

SEC. 332. SENSE OF CONGRESS ON THE PREVENTION OF NUCLEAR TERRORISM.

"It is the sense of Congress that—

"(1) the President should make the prevention of a nuclear terrorist attack on the United States a high priority;

"(2) the President should accelerate programs, requesting additional funding as appropriate, to prevent nuclear terrorism, including combating nuclear smuggling, securing and accounting for nuclear weapons, and eliminating, removing, or securing and accounting for formula quantities of strategic special nuclear material wherever such quantities may be;

"(3) the United States, together with the international community, should take a comprehensive approach to reducing the danger of nuclear terrorism, including by making additional efforts to identify
and eliminate terrorist groups that aim to acquire nuclear weapons, to ensure that nuclear weapons worldwide are secure and accounted for and that formula quantities of strategic special nuclear material worldwide are eliminated, removed, or secure and accounted for to a degree sufficient to defeat the threat that terrorists and criminals have shown they can pose, and to increase the ability to find and stop terrorist efforts to manufacture nuclear explosives or to transport nuclear explosives and materials anywhere in the world;

(4) within such a comprehensive approach, a high priority must be placed on ensuring that all nuclear weapons worldwide are secure and accounted for and that all formula quantities of strategic special nuclear material worldwide are eliminated, removed, or secure and accounted for; and

(5) the International Atomic Energy Agency should be funded appropriately to fulfill its role in coordinating international efforts to protect nuclear material and to combat nuclear smuggling.

SEC. 3133. MINIMUM SECURITY STANDARD FOR NUCLEAR WEAPONS AND FORMULA QUANTITIES OF STRATEGIC SPECIAL NUCLEAR MATERIAL.

(a) Policy.—It is the policy of the United States to work with the international community to take all possible steps to ensure that all nuclear weapons around the world are secure and accounted for and that all formula quantities of strategic special nuclear material are eliminated, removed, or secure and accounted for to a level sufficient to defeat the threats posed by terrorists and criminals.

(b) International Nuclear Security Standard.—It is the sense of Congress that, in furtherance of the policy described in subsection (a), and consistent with the requirement for ‘appropriate effective’ physical protection contained in United Nations Security Council Resolution 1540 (2004), as well as the Nuclear Non-Proliferation Treaty and the Convention on the Physical Protection of Nuclear Material, the President, in consultation with relevant Federal departments and agencies, should seek the broadest possible international agreement on a global standard for nuclear security that—

(1) ensures that nuclear weapons and formula quantities of strategic special nuclear material are secure and accounted for to a sufficient level to defeat the threats posed by terrorists and criminals;

(2) takes into account the limitations of equipment and human performance; and

(3) includes steps to provide confidence that the needed measures have in fact been implemented.

(c) International Efforts.—It is the sense of Congress that, in furtherance of the policy described in subsection (a), the President, in consultation with relevant Federal departments and agencies, should—

(1) work with other countries and the International Atomic Energy Agency to assist as appropriate, and if necessary work to convince, the governments of any and all countries in possession of nuclear weapons or formula quantities of strategic special nuclear material to ensure that security is upgraded to meet the standard described in subsection (b) as rapidly as possible and in a manner that—

(1) accounts for the nature of the terrorist and criminal threat in each such country; and

(2) ensures that any measures to which the United States and any such country agree are sustained after United States and other international assistance ends;

(2) ensure that United States financial and technical assistance is available, as appropriate, to countries for which the provision of such assistance would accelerate the implementation of, or improve the effectiveness of, such security upgrades; and

(3) work with the governments of other countries to ensure that effective nuclear security rules, accompanied by effective regulation and enforcement, are put in place to govern all nuclear weapons and formula quantities of strategic special nuclear material around the world.

SEC. 3134. ANNUAL REPORT.

(a) In General.—Not later than September 1 of each year through 2022, the President, in consultation with relevant Federal departments and agencies, shall submit to Congress a report on the security of nuclear weapons and related equipment and formula quantities of strategic special nuclear material outside of the United States.

(b) Elements.—The report required under subsection (a) shall include the following:

(1) A section on the programs for the security and accounting of nuclear weapons and the elimination, removal, and security and accounting of formula quantities of strategic special nuclear material, established under section 3132(b) of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 (50 U.S.C. 2569b), which shall include the following:

(A) A survey of the facilities and sites worldwide that contain nuclear weapons or related equipment, or formula quantities of strategic special nuclear material.

(B) A list of such facilities and sites determined to be of the highest priority for security and accounting of nuclear weapons and related equipment, or the elimination, removal, or security and accounting of formula quantities of strategic special nuclear material at such facilities and sites worldwide.

(ii) Ensuring that security upgrades and accounting reforms implemented at such facilities and sites worldwide, using the financial and technical assistance of the United States, are effectively sustained after such assistance ends.

(iii) The role that international agencies and the international community have committed to play, together with a plan for securing international contributions.

(D) An assessment of the progress made in implementing the plan described in subparagraph (C), including a description of the efforts of foreign governments to secure and account for nuclear weapons and related equipment and to eliminate, remove, or secure and account for formula quantities of strategic special nuclear material.

(E) A section on efforts to establish and implement the international nuclear security standard described in section 3133(b) and related policies.

(F) The report may be submitted in classified form but shall include a detailed unclassified summary.

[Functions of President under section 3134 of Pub. L. 113–181, set out above, delegated to Secretary of Energy by Memorandum of President of the United States, July 21, 2010, 75 F.R. 43793.]

SUBCHAPTER III—UNITED STATES ASSISTANCE TO DEVELOPING COUNTRIES

§ 3261. Congressional declaration of policy; Presidential report to Congress

The United States shall endeavor to cooperate with other nations, international institutions, and private organizations in establishing programs to assist in the development of non-nuclear energy resources, to cooperate with both developing and industrialized nations in protect-
ing the international environment from contamination arising from both nuclear and non-nuclear energy activities, and shall seek to cooperate with and aid developing countries in meeting their energy needs through the development of such resources and the application of non-nuclear technologies consistent with the economic factors, the material resources of those countries, and environmental protection. The United States shall additionally seek to encourage other industrialized nations and groups of nations to make commitments for similar cooperation and aid to developing countries. The President shall report annually to Congress on the level of other nations’ and groups of nations’ commitments under such program and the relation of any such commitments to United States efforts under this title. In cooperating with and providing such assistance to developing countries, the United States shall give priority to parties to the Treaty.


**Effective Date**
Subchapter 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 this title.

**Termination of Reporting Requirements**
For termination, effective May 15, 2000, of provisions in this section requiring the President to report annually to Congress, see section 3003 of Pub. L. 104–66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and page 126 of House Document No. 103–7.

**Delegation of Functions**
Secretary of State responsible for performing functions vested in President under this section, see section 2151d of this title, to cooperate with developing countries for the purpose of—

1. meeting the energy needs required for the development of such countries;
2. reducing the dependence of such countries on petroleum fuels, with emphasis given to utilizing solar and other renewable energy resources; and
3. expanding the energy alternatives available to such countries.

**§ 3262. Programs**

(a) **Energy development programs**

The United States shall initiate a program, consistent with the aims of section 3261 of this title, to cooperate with developing countries for the purposes of—

1. meeting the energy needs required for the development of such countries;
2. reducing the dependence of such countries on petroleum fuels, with emphasis given to utilizing solar and other renewable energy resources; and
3. expanding the energy alternatives available to such countries.

(b) **Energy assessments and cooperative projects**

Such program shall include cooperation in evaluating the energy alternatives of developing countries, facilitating international trade in energy commodities, developing energy resources, and applying suitable energy technologies. The program shall include both general and country-specific energy assessments and cooperative projects in resource exploration and production, training, research and development.

(c) **Exchange of scientists, technicians, and energy experts**

As an integral part of such program, the Department of Energy, under the general policy guidance of the Department of State and in cooperation with the Agency for International Development and other Federal agencies as appropriate, shall initiate, as soon as practicable, a program for the exchange of United States scientists, technicians, and energy experts with those of developing countries to implement the purposes of this section.

(d) **Authorization of appropriations**

For the purposes of carrying out this section, there is authorized to be appropriated such sums as are contained in annual authorization Acts for the Department of Energy, including such sums which have been authorized for such purposes under previous legislation.

(e) **Coordination with related United States activities abroad**

Under the direction of the President, the Secretary of State shall ensure the coordination of the activities authorized by this subchapter with other related activities of the United States conducted abroad, including the programs authorized by sections 2151a(c), 2151d(a)(2), and 2151q of this title.


**References in Text**

Section 2151d(a)(2) of this title, referred to in subsec. (e), which at the time of enactment of this section related to programs to increase energy production and conservation in developing countries, was deleted in the general amendment of section 2151d by Pub. L. 96–53, title I, §§ 104(b), 105, Aug. 14, 1979, 93 Stat. 360, 362. For provisions relating to cooperative programs with developing countries in energy production and conservation, see section 2151d(b)(2) of this title.

Section 2151q of this title, referred to in subsec. (e), was repealed by Pub. L. 96–533, title III, § 304(g), Dec. 16, 1980, 94 Stat. 3147. See section 2151d(a)(2), (b)(2), (c) of this title.

**Feasibility of Expanding Cooperative Activities Into International Cooperative Effort: Presidential Report to Congress Not Later Than March 10, 1979**

Section 503 of Pub. L. 95–242 directed President, not later than twelve months after Mar. 10, 1978, to report to Congress on feasibility of expanding cooperative activities established pursuant to subsec. (c) of this section into an international cooperative effort to include a scientific peace corps designed to encourage large numbers of technically trained volunteers to live and work in developing countries for varying periods of time for purpose of engaging in projects to aid in meeting the energy needs of such countries through search for and utilization of indigenous energy resources and application of suitable technology, including widespread utilization of renewable and unconventional energy technologies, and to also include in report a discussion of other mechanisms to conduct a coordinated international effort to develop, demonstrate, and encourage utilization of such technologies in developing countries.

1 See References in Text note below.
§ 3281. Annual Presidential report to Congress on governmental efforts to prevent proliferation

(a) Review of Government activities; description of progress; assessment of impact of progress; determinations regarding non-nuclear-weapon states; counterproductiveness of policies

The President shall review all activities of Government departments and agencies relating to preventing proliferation and shall make a report to Congress in January of 1979 and annually in January of each year thereafter on the Government’s efforts to prevent proliferation. This report shall include but not be limited to—

1. A description of the progress made toward—
   (A) negotiating the initiatives contemplated in sections 3223 and 3224 of this title;
   (B) negotiating the international arrangements or other mutual undertakings contemplated in section 2153b of title 42;
   (C) encouraging non-nuclear-weapon states that are not party to the Treaty to adhere to the Treaty or, pending such adherence, to enter into comparable agreements with respect to safeguards and to forewear the development of any nuclear explosive devices, and discouraging nuclear exports to non-nuclear-weapon states which have not taken such steps;
   (D) strengthening the safeguards of the IAEA as contemplated in section 3241 of this title; and
   (E) renegotiating agreements for cooperation as contemplated in section 2153c(a) of title 42;

2. An assessment of the impact of the progress described in paragraph (1) on the non-proliferation policy of the United States; an explanation of the precise reasons why progress has not been made on any particular point and recommendations with respect to appropriate measures to encourage progress; and a statement of what legislative modifications, if any, are necessary in his judgment to achieve the non-proliferation policy of the United States;

3. A determination as to which non-nuclear-weapon states with which the United States has an agreement for cooperation in effect or under negotiation, if any, have—
   (A) detonated a nuclear device; or
   (B) refused to accept the safeguards of the IAEA on all of their peaceful nuclear activities; or
   (C) refused to give specific assurances that they will not manufacture or otherwise acquire any nuclear explosive device; or
   (D) engaged in activities involving source or special nuclear material and having direct significance for the manufacture or acquisition of nuclear explosive devices;

4. An assessment of whether any of the policies set forth in this chapter have, on balance, been counterproductive from the standpoint of preventing proliferation;

5. A description of the progress made toward establishing procedures to facilitate the timely processing of requests for subsequent arrangements and export licenses in order to enhance the reliability of the United States in meeting its commitments to supply nuclear reactors and fuel to nations which adhere to effective non-proliferation policies;\(^1\)

6. A description of the implementation of nuclear and nuclear-related dual-use export controls in the preceding calendar year, including a summary by type of commodity and destination of—

   (A) all transactions for which—
      (i) an export license was issued for any good controlled under section 2139(a)(2) of title 42;
      (ii) an export license was issued under section 2139(b) of title 42;
      (iii) approvals were issued under the Export Administration Act of 1979 [50 U.S.C. App. 2401 et seq.], or section 2139(b)(3) of title 42, for the retransfer of any item, technical data, component, or substance; or
      (iv) authorizations were made as required by section 2077(b)(2) of title 42 to engage, directly or indirectly, in the production of special nuclear material;
   (B) each instance in which—
      (i) a sanction has been imposed under section 6301(a) of this title or section 6303 of this title or section 2799aa–1(b)(1) of this title;
      (ii) sales or leases have been denied under section 2753(f) of this title or transactions prohibited by reason of acts relating to proliferation of nuclear explosive devices as described in section 2780(d) of this title;
      (iii) a sanction has not been imposed by reason of section 6301(c)(2) of this title or the imposition of a sanction has been delayed under section 2799aa–1(b)(4) of this title; or
      (iv) a waiver of a sanction has been made under—
         (I) section 6301(f) of this title or section 6303 of this title,
         (II) section 2375(d) of this title, or paragraph (5) or (6)(B) of section 2799aa–1(b) of this title,
         (III) section 2780(g) of this title with respect to the last sentence of section 2780(d) of this title, or
         (IV) section 2364 of this title with respect to section 2375 of this title or section 2753(f) of this title, the last sentence of section 2780(d) of this title, or 2799aa–1(b)(1) of this title; and
   (C) the progress of those independent states of the former Soviet Union that are non-nuclear-weapon states and of the Baltic states towards achieving the objective of applying full scope safeguards to all their peaceful nuclear activities.

Portions of the information required by paragraph (6) may be submitted in classified form, as

\(^{1}\) So in original. Probably should be ":; and".

\(^{2}\) So in original. Probably should be preceded by "section".
necessary. Any such information that may not be published or disclosed under section 12(c)(1) of the Export Administration Act of 1979 [50 U.S.C. App. 2411(c)(1)] shall be submitted as confidential.

(b) Analysis of civil agreements for cooperation

In the first report required by this section, the President shall analyze each civil agreement for cooperation negotiated pursuant to section 2153 of title 42, and shall discuss the scope and adequacy of the requirements and obligations relating to safeguards and other controls therein.


REFERENCES IN TEXT

The Export Administration Act of 1979, referred to in subsec. (a)(6)(A)(iii), is Pub. L. 96–72, Sept. 29, 1979, 93 Stat. 563, as amended, which is classified principally to section 2401 et seq. of Title 50, Appendix, War and National Defense. For complete classification of this Act to the Code, see Short Title note set out under section 2401 of Title 50, Appendix, and Tables.

AMENDMENTS

1994—Subsec. (a). Pub. L. 103–236 struck out “and” after the semicolon in par. (4), substituted a semicolon for the period in par. (5), and added par. (6) and concluding provisions.

EFFECTIVE DATE OF 1994 AMENDMENT

Amendment by Pub. L. 103–236 effective 60 days after Apr. 30, 1994, see section 831 of Pub. L. 103–236, set out as an Effective Date note under section 6301 of this title.

EFFECTIVE DATE

Subchapter effective Mar. 10, 1978, except as otherwise provided and regardless of any requirements for the promulgation of implementing regulations, see section 6303(c) of Pub. L. 95–242, set out as a note under section 3282 of this title.

TERMINATION OF REPORTING REQUIREMENTS

For termination, effective May 15, 2000, of provisions in subsec. (a) of this section relating to the requirement that the President annually report to Congress on the Government’s efforts to prevent proliferation, see section 3003 of Pub. L. 104–66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and page 15 of House Document No. 103–7.

DELEGATION OF FUNCTIONS

For delegation of congressional reporting functions of President under subsec. (a) of this section, see section 1 of Ex. Ord. No. 13313, July 31, 2003, 68 F.R. 46973, set out as a note under section 301 of Title 3, The President.

§ 3282. Reports by departments and agencies

(a) Reports by Nuclear Regulatory Commission and Department of Energy

The annual reports to the Congress by the Commission and the Department of Energy which are otherwise required by law shall also include views and recommendations regarding the policies and actions of the United States to prevent proliferation which are the statutory responsibility of those agencies. The Department’s report shall include a detailed analysis of the proliferation implications of advanced enrichment and reprocessing techniques, advanced re-

actors, and alternative nuclear fuel cycles. This part of the report shall include a comprehensive version which includes any relevant classified information and a summary unclassified version.

(b) Additional reporting requirements

The reporting requirements of this subchapter are in addition to and not in lieu of any other reporting requirements under applicable law.

(c) Committees on Foreign Relations and Governmental Affairs of Senate and Committee on International Relations of House of Representatives to be kept informed

(1) The Department of State, the Department of Defense, the Department of Energy, the Commission, and, with regard to subparagraph (B), the Director of Central Intelligence, shall keep the Committees on Foreign Relations and Governmental Affairs of the Senate and the Committee on International Relations of the House of Representatives fully and currently informed with respect to—

(A) their activities to carry out the purposes and policies of this chapter and to otherwise prevent proliferation, including the proliferation of nuclear, chemical, or biological weapons, or their means of delivery; and

(B) the current activities of foreign nations which are of significance from the proliferation standpoint.

(2) For the purposes of this subsection with respect to paragraph (1)(B), the phrase “fully and currently informed” means the transmittal of credible information not later than 60 days after becoming aware of the activity concerned.

(d) Classified portions of reports

Any classified portions of the reports required by this chapter shall be submitted to the Senate Foreign Relations Committee and the House Foreign Affairs Committee.

(e) Omitted

(f) Access by Secretary of Defense to information regarding nuclear proliferation matters; applicability

(1) The Secretary of Defense shall have access, on a timely basis, to all information regarding nuclear proliferation matters which the Secretary of State or the Secretary of Energy has or is entitled to have. Such access shall include access to all communications, materials, documents, and records relating to nuclear proliferation matters.

(2) This subsection does not apply to any intradepartmental document of the Department of State or the Department of Energy, or any portion of such document, that is solely concerned with internal, confidential advice on policy concerning the conduct of interagency deliberations on nuclear proliferation matters.

CODIFICATION
Subsec. (e) directed that, three years after Mar. 10, 1978, the Comptroller General complete a study and report to Congress on the implementation and impact of this chapter on the nuclear non-proliferation policies, purposes, and objectives of this chapter, with such recommendations as deemed necessary to support the nuclear non-proliferation policies, purposes, and objectives of this chapter.

AMENDMENTS
1999—Subsec. (c). Pub. L. 106–113 amended subsec. (c) generally. Prior to amendment, subsec. (c) read as follows: "The Department of State, the Department of Defense, the Department of Commerce, the Department of Energy, and the Commission shall keep the Committees on Foreign Relations and Governmental Affairs of the Senate and the Committee on Foreign Affairs of the House of Representatives fully and currently informed with respect to their activities to carry out the purposes and policies of this chapter and to otherwise prevent proliferation, and with respect to the current activities of foreign nations which are of significance from the proliferation standpoint."

1986—Subsec. (c). Pub. L. 100–255 substituted "Foreign Affairs" for "International Relations".

SUBS. (f). Pub. L. 100–255 substituted "the Department of Defense," for "the Department of Defense, the Secretary of Defense,".

CHANGE OF NAME

Committee on Governmental Affairs of Senate changed to Committee on Homeland Security and Governmental Affairs of Senate, effective Jan. 4, 2003, by Senate Resolution No. 445, One Hundred Eighth Congress, Oct. 9, 2003.

Effective Date of 1998 Amendment

PROVISION OF CERTAIN INFORMATION TO CONGRESS

"(a) Requirement to Provide Information.—The head of each department and agency described in section 622(c) of the Nuclear Non-Proliferation Act of 1978 (22 U.S.C. 3282(c)) shall promptly provide information to the chairman and ranking minority member of the Committee on Foreign Relations of the Senate and the chairman and ranking minority member of the Committee on Foreign Affairs of the House of Representatives in meeting the requirements of subsection (c) or (d) of section 622 of such Act (22 U.S.C. 3282(c), (d)).

(b) Issuance of Directives.—Not later than Feb. 1, 2000, the Secretary of State, the Secretary of Defense, the Secretary of Commerce, the Secretary of Energy, the Director of Central Intelligence, and the Chairman of the Nuclear Regulatory Commission shall issue directives, which shall provide access to information, including information contained in special access programs, to implement their responsibilities under subsections (c) and (d) of section 602 of the Nuclear Non-Proliferation Act of 1978 (22 U.S.C. 3282(c) and (d)). Copies of such directives shall be forwarded promptly to the Committee on Foreign Relations of the Senate and the Committee on International Relations [now Committee on Foreign Affairs] of the House of Representatives upon the issuance of the directives."

CHAPTER 48—TAIWAN RELATIONS

§ 3301

Congressional findings and declaration of policy

(a) Findings

The President having terminated governmental relations between the United States and the governing authorities on Taiwan recognized by the United States as the Republic of China prior to January 1, 1979, the Congress finds that the enactment of this chapter is necessary—

(1) to help maintain peace, security, and stability in the Western Pacific; and

(2) to promote the foreign policy of the United States by authorizing the continuation of commercial, cultural, and other relations between the people of the United States and the people on Taiwan.

(b) Policy

It is the policy of the United States—

(1) to preserve and promote extensive, close, and friendly commercial, cultural, and other relations between the people of the United States and the people on Taiwan, as well as the people on the China mainland and all other peoples of the Western Pacific area;

(2) to declare that peace and stability in the area are in the political, security, and economic interests of the United States, and are matters of international concern;

(3) to make clear that the United States decision to establish diplomatic relations with the People's Republic of China rests upon the expectation that the future of Taiwan will be determined by peaceful means;

(4) to consider any effort to determine the future of Taiwan by other than peaceful