

**§ 8006. MTCR adherent status**

Congress finds that India is not an MTCR adherent for the purposes of section 2797b of this title.

(Pub. L. 109–401, title I, §107, Dec. 18, 2006, 120 Stat. 2738.)

**§ 8007. United States-India scientific cooperative nuclear nonproliferation program****(a) Establishment**

The Secretary of Energy, acting through the Administrator of the National Nuclear Security Administration, is authorized to establish a cooperative nuclear nonproliferation program to pursue jointly with scientists from the United States and India a program to further common nuclear nonproliferation goals, including scientific research and development efforts, with an emphasis on nuclear safeguards (in this section referred to as “the program”).

**(b) Consultation**

The program shall be carried out in consultation with the Secretary of State and the Secretary of Defense.

**(c) National Academies recommendations****(1) In general**

The Secretary of Energy shall enter into an agreement with the National Academies to develop recommendations for the implementation of the program.

**(2) Recommendations**

The agreement entered into under paragraph (1) shall provide for the preparation by qualified individuals with relevant expertise and knowledge and the communication to the Secretary of Energy each fiscal year of—

(A) recommendations for research and related programs designed to overcome existing technological barriers to nuclear nonproliferation; and

(B) an assessment of whether activities and programs funded under this section are achieving the goals of the activities and programs.

**(3) Public availability**

The recommendations and assessments prepared under this subsection shall be made publicly available.

**(d) Consistency with Nuclear Non-Proliferation Treaty**

All United States activities related to the program shall be consistent with United States obligations under the Nuclear Non-Proliferation Treaty.

**(e) Authorization of appropriations**

There are authorized to be appropriated such sums as may be necessary to carry out this section for each of fiscal years 2007 through 2011.

(Pub. L. 109–401, title I, §109, Dec. 18, 2006, 120 Stat. 2739.)

**§ 8008. Definitions**

In this chapter:

(1) The term “Additional Protocol” means a protocol additional to a safeguards agreement

with the IAEA, as negotiated between a country and the IAEA based on a Model Additional Protocol as set forth in IAEA information circular (INFCIRC) 540.

(2) The term “appropriate congressional committees” means the Committee on Foreign Relations of the Senate and the Committee on International Relations of the House of Representatives.

(3) The term “dual-use material, equipment, or technology” means material, equipment, or technology that may be used in nuclear or nonnuclear applications.

(4) The term “IAEA safeguards” has the meaning given the term in section 6305(3) of this title.

(5) The term “Indian person” means—

(A) a natural person that is a citizen of India or is subject to the jurisdiction of the Government of India;

(B) a corporation, business association, partnership, society, trust, or any other non-governmental entity, organization, or group, that is organized under the laws of India or has its principal place of business in India; and

(C) any Indian governmental entity, including any governmental entity operating as a business enterprise.

(6) The terms “Missile Technology Control Regime”, “MTCR”, and “MTCR adherent” have the meanings given the terms in section 2797c of this title.

(7) The term “nuclear materials and equipment” means source material, special nuclear material, production and utilization facilities and any components thereof, and any other items or materials that are determined to have significance for nuclear explosive purposes pursuant to subsection<sup>1</sup> 2139(b) of title 42.

(8) The terms “Nuclear Non-Proliferation Treaty” and “NPT” mean the Treaty on the Non-Proliferation of Nuclear Weapons, done at Washington, London, and Moscow July 1, 1968, and entered into force March 5, 1970 (21 UST 483).

(9) The terms “Nuclear Suppliers Group” and “NSG” refer to a group, which met initially in 1975 and has met at least annually since 1992, of Participating Governments that have promulgated and agreed to adhere to Guidelines for Nuclear Transfers (currently IAEA INFCIRC/254/Rev.8/Part 1) and Guidelines for Transfers of Nuclear-Related Dual-Use Equipment, Materials, Software, and Related Technology (currently IAEA INFCIRC/254/Rev.7/Part 2).

(10) The terms “nuclear weapon” and “nuclear explosive device” mean any device designed to produce an instantaneous release of an amount of nuclear energy from special nuclear material that is greater than the amount of energy that would be released from the detonation of one pound of trinitrotoluene (TNT).

(11) The term “process” includes the term “reprocess”.

(12) The terms “reprocessing” and “reprocess” refer to the separation of irradiated nu-

<sup>1</sup> So in original. Probably should be “section”.

clear materials and fission products from spent nuclear fuel.

(13) The term “sensitive nuclear technology” means any information, including information incorporated in a production or utilization facility or important component part thereof, that 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.

(14) The term “source material” has the meaning given the term in section 2014(z) of title 42.

(15) The term “special nuclear material” has the meaning given the term in section 2014(aa) of title 42.

(16) The term “unsafeguarded nuclear fuel-cycle activity” means research on, or development, design, manufacture, construction, operation, or maintenance of—

(A) any existing or future reactor, critical facility, conversion plant, fabrication plant, reprocessing plant, plant for the separation of isotopes of source or special fissionable material, or separate storage installation with respect to which there is no obligation to accept IAEA safeguards at the relevant reactor, facility, plant, or installation that contains source or special fissionable material; or

(B) any existing or future heavy water production plant with respect to which there is no obligation to accept IAEA safeguards on any nuclear material produced by or used in connection with any heavy water produced therefrom.

(Pub. L. 109–401, title I, §110, Dec. 18, 2006, 120 Stat. 2739.)

#### REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this title”, meaning title I of Pub. L. 109–401, Dec. 18, 2006, 120 Stat. 2726, which is classified principally to this chapter. For complete classification of title I to the Code, see Short Title note set out under section 8001 of this title and Tables.

#### CHANGE OF NAME

Committee on International Relations of House of Representatives changed to Committee on Foreign Affairs of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007.

### CHAPTER 88—NUCLEAR NON-PROLIFERATION TREATY—UNITED STATES ADDITIONAL PROTOCOL IMPLEMENTATION

Sec.	
8101.	Findings.
8102.	Definitions.
8103.	Severability.

#### SUBCHAPTER I—GENERAL PROVISIONS

8111. Authority.

#### SUBCHAPTER II—COMPLEMENTARY ACCESS

8121.	Requirement for authority to conduct complementary access.
8122.	Procedures for complementary access.
8123.	Consents, warrants, and complementary access.
8124.	Prohibited acts relating to complementary access.

#### Sec. SUBCHAPTER III—CONFIDENTIALITY OF INFORMATION

8131. Protection of confidentiality of information.

#### SUBCHAPTER IV—ENFORCEMENT

8141.	Recordkeeping violations.
8142.	Penalties.
8143.	Specific enforcement.

#### SUBCHAPTER V—ENVIRONMENTAL SAMPLING

8151.	Notification to Congress of IAEA Board approval of wide-area environmental sampling.
8152.	Application of national security exclusion to wide-area environmental sampling.
8153.	Application of national security exclusion to location-specific environmental sampling.
8154.	Rule of construction.

#### SUBCHAPTER VI—PROTECTION OF NATIONAL SECURITY INFORMATION AND ACTIVITIES

8161.	Protection of certain information.
8162.	IAEA inspections and visits.

#### SUBCHAPTER VII—REPORTS

8171.	Report on initial United States declaration.
8172.	Report on revisions to initial United States declaration.
8173.	Content of reports on United States declarations.
8174.	Report on efforts to promote the implementation of additional protocols.
8175.	Notice of IAEA notifications.

#### SUBCHAPTER VIII—AUTHORIZATION OF APPROPRIATIONS

8181.	Authorization of appropriations.
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### § 8101. Findings

Congress makes the following findings:

(1) The proliferation of nuclear weapons and other nuclear explosive devices poses a grave threat to the national security of the United States and its vital national interests.

(2) The Nuclear Non-Proliferation Treaty has proven critical to limiting such proliferation.

(3) For the Nuclear Non-Proliferation Treaty to be effective, each of the non-nuclear-weapon State Parties must conclude a comprehensive safeguards agreement with the IAEA, and such agreements must be honored and enforced.

(4) Recent events emphasize the urgency of strengthening the effectiveness and improving the efficiency of the safeguards system. This can best be accomplished by providing IAEA inspectors with more information about, and broader access to, nuclear activities within the territory of non-nuclear-weapon State Parties.

(5) The proposed scope of such expanded information and access has been negotiated by the member states of the IAEA in the form of a Model Additional Protocol to its existing safeguards agreements, and universal acceptance of Additional Protocols by non-nuclear weapons states is essential to enhancing the effectiveness of the Nuclear Non-Proliferation Treaty.

(6) On June 12, 1998, the United States, as a nuclear-weapon State Party, signed an Additional Protocol that is based on the Model Additional Protocol, but which also contains