

Calendar No. 105109TH CONGRESS
1ST SESSION**S. 1045**

To authorize appropriations for fiscal year 2006 for defense activities of the Department of Energy, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 17, 2005

Mr. WARNER, from the Committee on Armed Services, reported the following original bill; which was read twice and placed on the calendar

A BILL

To authorize appropriations for fiscal year 2006 for defense activities of the Department of Energy, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Department of Energy
5 National Security Act for Fiscal Year 2006”.

6 **SEC. 2. TABLE OF CONTENTS.**

7 The table of contents for this Act is as follows:

1 **TITLE XXXI—DEPARTMENT OF**
2 **ENERGY NATIONAL SECURITY**
3 **PROGRAMS**

4 **Subtitle A—National Security**
5 **Programs Authorizations**

6 **SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-**
7 **TION.**

8 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds
9 are hereby authorized to be appropriated to the Depart-
10 ment of Energy for fiscal year 2006 for the activities of
11 the National Nuclear Security Administration in carrying
12 out programs necessary for national security in the
13 amount of \$9,357,427,000, to be allocated as follows:

14 (1) For weapons activities, \$6,590,319,000.

15 (2) For defense nuclear nonproliferation activi-
16 ties, \$1,637,239,000.

17 (3) For naval reactors, \$786,000,000.

18 (4) For the Office of the Administrator for Nu-
19 clear Security, \$343,869,000.

20 (b) **AUTHORIZATION OF NEW PLANT PROJECTS.**—
21 From funds referred to in subsection (a) that are available
22 for carrying out plant projects, the Secretary of Energy
23 may carry out new plant projects for weapons activities
24 as follows:

1 (1) For readiness in technical base and facili-
2 ties, the following new plant projects:

3 Project 06–D–140, Readiness in Technical
4 Base and Facilities Program (RTBF), project
5 engineering and design, various locations,
6 \$19,113,000.

7 Project 06–D–402, replacement of Fire
8 Stations Number 1 and Number 2, Nevada
9 Test Site, Nevada, \$8,284,000.

10 Project 06–D–403, tritium facility mod-
11 ernization, Lawrence Livermore National Lab-
12 oratory, Livermore, California, \$2,600,000.

13 Project 06–D–404, remediation, restora-
14 tion, and upgrade of Building B–3, Nevada
15 Test Site, Nevada, \$16,000,000.

16 (2) For facilities and infrastructure recapital-
17 ization, the following new plant projects:

18 Project 06–D–160, Facilities and Infra-
19 structure Recapitalization Program (FIRP),
20 project engineering and design, various loca-
21 tions, \$5,811,000.

22 Project 06–D–601, electrical distribution
23 system upgrade, Pantex Plant, Amarillo, Texas,
24 \$4,000,000.

1 Project 06–D–602, gas main and distribu-
2 tion system upgrade, Pantex Plant, Amarillo,
3 Texas, \$3,700,000.

4 Project 06–D–603, Steam Plant Life Ex-
5 tension Project (SLEP), Y–12 National Secu-
6 rity Complex, Oak Ridge, Tennessee, \$729,000.

7 (3) For naval reactors, the following new plant
8 project:

9 Project 06–N–901, Central Office Building
10 2, Bettis Atomic Power Laboratory, West Miff-
11 lin, Pennsylvania, \$7,000,000.

12 **SEC. 3102. DEFENSE ENVIRONMENTAL MANAGEMENT.**

13 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
14 are hereby authorized to be appropriated to the Depart-
15 ment of Energy for fiscal year 2006 for environmental
16 management activities in carrying out programs necessary
17 for national security in the amount of \$6,189,433,000, to
18 be allocated as follows:

19 (1) For defense site acceleration completion,
20 \$5,335,849,000.

21 (2) For defense environmental services,
22 \$853,584,000.

23 (b) AUTHORIZATION OF NEW PLANT PROJECT.—
24 From funds referred to in subsection (a)(1) that are avail-
25 able for carrying out plant projects, the Secretary of En-

1 ergy may carry out, for environmental management activi-
2 ties, the following new plant project:

3 Project 06–D–401, sodium bearing waste treat-
4 ment project, Idaho National Laboratory, Idaho
5 Falls, Idaho, \$15,000,000.

6 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

7 Funds are hereby authorized to be appropriated to
8 the Department of Energy for fiscal year 2006 for other
9 defense activities in carrying out programs necessary for
10 national security in the amount of \$563,423,000.

11 **SEC. 3104. DEFENSE NUCLEAR WASTE DISPOSAL.**

12 Funds are hereby authorized to be appropriated to
13 the Department of Energy for fiscal year 2006 for defense
14 nuclear waste disposal for payment to the Nuclear Waste
15 Fund established in section 302(c) of the Nuclear Waste
16 Policy Act of 1982 (42 U.S.C. 10222(c)) in the amount
17 of \$301,447,000.

18 **Subtitle B—Other Matters**

19 **SEC. 3111. REPORT ON COMPLIANCE WITH DESIGN BASIS**
20 **THREAT.**

21 (a) REPORT REQUIRED.—Not later than 180 days
22 after the date of the enactment of this Act, the Secretary
23 of Energy shall submit to the congressional defense com-
24 mittees a report detailing plans for achieving compliance

1 under the Design Basis Threat issued by the Department
2 of Energy in 2004.

3 (b) CONTENT.—The report required under subsection
4 (a) shall include—

5 (1) an implementation plan with associated
6 funding requirements to achieve by September 30,
7 2007, compliance under the Design Basis Threat of
8 all Department of Energy and National Nuclear Se-
9 curity Administration sites that contain nuclear
10 weapons or special nuclear material; and

11 (2) an evaluation of options for applying secu-
12 rity technologies and innovative protective force de-
13 ployment to increase the efficiency and effectiveness
14 of efforts to protect against the threats postulated in
15 the Design Basis Threat.

16 (c) FORM.—The report required under subsection (a)
17 shall be submitted in classified form with an unclassified
18 summary.

19 **SEC. 3112. COST ESTIMATE FOR WASTE TREATMENT AND**
20 **IMMOBILIZATION PLANT PROJECT, HANFORD**
21 **SITE, RICHLAND, WASHINGTON.**

22 (a) REPORT REQUIRED.—Not later than 180 days
23 after the date of the enactment of this Act, the Secretary
24 of Energy shall submit to the congressional defense com-
25 mittees an independent cost estimate prepared by the

1 Army Corps of Engineers for the Waste Treatment and
2 Immobilization Plant project at the Hanford Site, Rich-
3 land, Washington (in this section referred to as the
4 “project”).

5 (b) CONTENT.—The cost estimate required under
6 subsection (a) shall include estimates of the total cost and
7 annual funding requirements, listed by year, to complete
8 the project, assuming a completion date in each of 2011,
9 2012, 2013, 2014, and 2015.

10 **SEC. 3113. REPORT ON INTERNATIONAL BORDER SECURITY**
11 **PROGRAMS.**

12 (a) REPORT REQUIRED.—Not later than 120 days
13 after the date of the enactment of this Act, the Secretary
14 of Energy shall, in consultation with the Secretary of De-
15 fense, the Secretary of State, and, as appropriate, the Sec-
16 retary of Homeland Security, submit to the Committees
17 on Armed Services of the Senate and the House of Rep-
18 resentatives a report on the management by such Secre-
19 taries of border security programs in the countries of the
20 former Soviet Union and other countries.

21 (b) CONTENT.—The report required under subsection
22 (a) shall include—
23 (1) a description of the roles and responsibil-
24 ities of each department and agency of the United

1 States Government in international border security
2 programs;

3 (2) a description of the interactions and coordi-
4 nation among departments and agencies of the
5 United States Government that are conducting
6 international border security programs;

7 (3) a description of the mechanisms that exist
8 to ensure coordination, avoid duplication, and pro-
9 vide a means to resolve conflicts or problems that
10 might arise in the implementation of international
11 border security programs;

12 (4) a discussion of whether there is existing
13 interagency guidance that addresses the roles, inter-
14 actions, and dispute resolution mechanisms for de-
15 partments and agencies of the United States Gov-
16 ernment that are conducting international border se-
17 curity programs, and the adequacy of such guidance
18 if it exists; and

19 (5) recommendations to improve the coordina-
20 tion and effectiveness of international border secu-
21 rity programs.

1 **TITLE XXXII—DEFENSE NU-**
2 **CLEAR FACILITIES SAFETY**
3 **BOARD**

4 **SEC. 3201. AUTHORIZATION.**

5 There are authorized to be appropriated for fiscal
6 year 2006, \$22,032,000 for the operation of the Defense
7 Nuclear Facilities Safety Board under chapter 21 of the
8 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

9 **TITLE XXXIII—NATIONAL**
10 **DEFENSE STOCKPILE**

11 **SEC. 3301. REVISIONS TO REQUIRED RECEIPT OBJECTIVES**
12 **FOR PREVIOUSLY AUTHORIZED DISPOSALS**
13 **FROM NATIONAL DEFENSE STOCKPILE.**

14 (a) **DISPOSAL AUTHORITY** .—Section 3303(a)(5) of
15 the Strom Thurmond National Defense Authorization Act
16 for Fiscal Year 1999 (Public Law 105–261; 50 U.S.C.
17 98d note), as amended by section 3302 of the Ronald W.
18 Reagan National Defense Authorization Act for Year
19 2005 (Public Law 108–375; 50 U.S.C. 98d note), is
20 amended by striking paragraph (5) and inserting the fol-
21 lowing new paragraphs:

22 “(5) \$900,000,000 by the end of fiscal year
23 2010.

24 “(6) \$1,000,000,000 by the end of fiscal year
25 2013.”.

1 (b) ADDITIONAL DISPOSAL AUTHORITY.—Section
2 3402(b) of the National Defense Authorization Act for
3 Fiscal Year 2000 (Public Law 106–65; 113 Stat. 972; 50
4 U.S.C. 98d note), as amended by section 3302 of the Na-
5 tional Defense Authorization Act for Fiscal Year 2004
6 (Public Law 108–136; 50 U.S.C. 98d note), is amended
7 by striking paragraph (4) and inserting the following new
8 paragraphs:

9 “(4) \$500,000,000 before the end of fiscal year
10 2010.

11 “(5) \$600,000,000 before the end of fiscal year
12 2013.”.

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