essary to meet the requirements specified in the annual Nuclear Weapons Stockpile Memorandum.

(b) Required capabilities

The manufacturing infrastructure established under the program under subsection (a) shall include the following capabilities (modernized to attain the objectives referred to in that subsection):

(1) The weapons assembly and high explosives manufacturing capabilities of the Pantex Plant.

(2) The weapon secondary fabrication capabilities of the Y–12 National Security Complex, Oak Ridge, Tennessee.

(3) The capabilities of the Savannah River Site relating to tritium recycling and processing.

(4) The fissile material component processing and fabrication capabilities of the Savannah River Plutonium Processing Facility and the Los Alamos National Laboratory.

(5) The non-nuclear component capabilities of the Kansas City National Security Campus, Kansas City, Missouri.

(Pub. L. 107–314, div. D, title XLII, § 4212, formerly Pub. L. 104–106, div. C, title XXXI, § 3137, Feb. 10, 1996, 110 Stat. 620; Pub. L. 104–201, div. C, title XXXI, § 3132(a), (b), Sept. 23, 1996, 110 Stat. 2829; renumbered Pub. L. 107–314, div. D, title XLII, § 4212, and amended Pub. L. 108–136, div. C, title XXXI, § 3141(e)(13), Nov. 24, 2003, 117 Stat. 1760; Pub. L. 112–239, div. C, title XXXI, § 3131(e), Jan. 2, 2013, 126 Stat. 2181; Pub. L. 113–66, div. C, title XXXI, § 3146(c)(6), Dec. 26, 2013, 127 Stat. 1074; Pub. L. 116–92, div. C, title XXXI, § 3139(b)(3), Dec. 20, 2019, 133 Stat. 1962; Pub. L. 118–159, div. C, title XXXI, § 3111(c)(4), Dec. 23, 2024, 138 Stat. 2295.)

Editorial Notes

CODIFICATION

Section was formerly set out as a note under section 2121 of Title 42, The Public Health and Welfare, prior to renumbering by Pub. L. 108–136.

AMENDMENTS

2024—Subsec. (a)(1). Pub. L. 118–159, § 3111(c)(4)(A), struck out ''as specified in the most recent Nuclear Posture Review'' after ''the following objectives'' in introductory provisions.

Subsec. (b)(1). Pub. L. 118–159, § 3111(c)(4)(B)(i), inserted ''and high explosives manufacturing'' after ''weapons assembly''.

Subsec. (b)(3). Pub. L. 118–159, § 3111(c)(4)(B)(ii), substituted ''processing'' for ''fissile materials components processing and fabrication''.

Subsec. (b)(4), (5). Pub. L. 118–159, § 3111(c)(4)(B)(iii), (iv), added par. (4) and redesignated former par. (4) as (5).

Subsec. (c). Pub. L. 118–159, § 3111(c)(4)(C), struck out subsec. (c). Text read as follows: ''For purposes of subsection (a), the term 'Nuclear Posture Review' means the Department of Defense Nuclear Posture Review as contained in the Report of the Secretary of Defense to the President and Congress dated February 19, 1995, or subsequent such reports.''

2019—Subsec. (a)(1). Pub. L. 116–92, § 3139(b)(3)(A), inserted ''most recent'' before ''Nuclear Posture Review'' in introductory provisions.

Subsec. (b)(2). Pub. L. 116–92, § 3139(b)(3)(B)(i), substituted ''National Security Complex'' for ''Plant''.

Subsec. (b)(4). Pub. L. 116–92, § 3139(b)(3)(B)(ii), substituted ''National Security Campus, Kansas City, Missouri'' for ''Plant''.

2013—Subsec. (a)(2). Pub. L. 113–66, § 3146(c)(6)(A), substituted ''Memorandum'' for ''Review''.

Subsec. (c). Pub. L. 113–66, § 3146(c)(6)(B), substituted ''Congress'' for ''the Congress''.

Subsecs. (d), (e). Pub. L. 112–239 struck out subsecs. (d) and (e), which related, respectively, to funding and submission to Congress by Secretary of plans and reports.

2003—Subsec. (d). Pub. L. 108–136, § 3141(e)(13)(D), inserted ''of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104–106)'' after ''section 3101(b)''.

1996—Subsec. (a). Pub. L. 104–201, § 3132(a), designated existing provisions as par. (1), redesignated former pars. (1) to (5) as subpars. (A) to (E), respectively, and added par. (2).

Subsec. (b)(3). Pub. L. 104–201, § 3132(b), amended par. (3) generally. Prior to amendment, par. (3) read as follows: ''The tritium production, recycling, and other weapons-related capabilities of the Savannah River Site.''

Statutory Notes and Related Subsidiaries

ACCELERATION OF DEPLETED URANIUM MANUFACTURING PROCESSES

Pub. L. 117–263, div. C, title XXXI, § 3121, Dec. 23, 2022, 136 Stat. 3056, provided that:

''(a) ACCELERATION OF MANUFACTURING.—The Administrator for Nuclear Security shall require the nuclear security enterprise to accelerate the modernization of manufacturing processes for depleted uranium by 2030 so that the nuclear security enterprise—

''(1) demonstrates bulk cold hearth melting of depleted uranium alloys to augment existing capabilities on an operational basis for war reserve components;

''(2) manufactures, on a repeatable and ongoing basis, war reserve depleted uranium alloy components using net shape casting;

''(3) demonstrates, if possible, a production facility to conduct routine operations for manufacturing depleted uranium alloy components outside of the current perimeter security fencing of the Y–12 National Security Complex, Oak Ridge, Tennessee; and

''(4) has available high purity depleted uranium for the production of war reserve components.

''(b) ANNUAL BRIEFING.—Not later than March 31, 2023, and annually thereafter through 2030, the Administrator shall provide to the congressional defense committees [Committees on Armed Services and Appropriations of the Senate and the House of Representatives] a briefing on—

''(1) progress made in carrying out subsection (a);

''(2) the cost of activities conducted under such subsection during the preceding fiscal year; and

''(3) the ability of the nuclear security enterprise to convert depleted uranium fluoride hexafluoride to depleted uranium tetrafluoride.

''(c) NUCLEAR SECURITY ENTERPRISE DEFINED.—In this section, the term 'nuclear security enterprise' has the meaning given that term in section 4002 of the Atomic Energy Defense Act (50 U.S.C. 2501).''

§ 2533. Reports on critical difficulties at national security laboratories and nuclear weapons production facilities

(a) Reports by heads of laboratories and facilities

In the event of a difficulty at a national security laboratory or a nuclear weapons production facility that has a significant bearing on confidence in the safety or reliability of a nuclear weapon or nuclear weapon type, the head of the

laboratory or facility, as the case may be, shall submit to the Administrator a report on the difficulty. The head of the laboratory or facility shall submit the report as soon as practicable after discovery of the difficulty.

(b) Transmittal by Administrator

Not later than 10 days after receipt of a report under subsection (a), the Administrator shall transmit the report (together with the comments of the Administrator) to the congressional defense committees, to the Secretary of Energy and the Secretary of Defense, and to the President.

(c) Omitted

(d) Inclusion of reports in annual stockpile assessment

Any report submitted pursuant to subsection (a) shall also be submitted to the President and Congress with the matters required to be submitted under section 2525(f) of this title for the year in which such report is submitted.

(Pub. L. 107–314, div. D, title XLII, § 4213, formerly Pub. L. 104–201, div. C, title XXXI, § 3159, Sept. 23, 1996, 110 Stat. 2842, § 4218(b), (c), formerly Pub. L. 105–85, div. A, title XIII, § 1305(c), (d), Nov. 18, 1997, 111 Stat. 1954; Pub. L. 106–65, div. C, title XXXI, § 3163(f), Oct. 5, 1999, 113 Stat. 946; renumbered Pub. L. 107–314, div. D, title XLII, § 4213, by Pub. L. 108–136, div. C, title XXXI, § 3141(e)(14), Nov. 24, 2003, 117 Stat. 1760; renumbered Pub. L. 107–314, div. D, title XLII, § 4218(c), (d), and amended Pub. L. 112–239, div. C, title XXXI, §§ 3131(f)(1), 3164(a)(3), Jan. 2, 2013, 126 Stat. 2181, 2206; renumbered Pub. L. 107–314, div. D, title XLII, § 4218(b), (c), and amended Pub. L. 113–66, div. C, title XXXI, § 3146(c)(7), (10)(B), Dec. 26, 2013, 127 Stat. 1074, 1075.)

Editorial Notes

CODIFICATION

Section was formerly classified to section 7274*o* of Title 42, The Public Health and Welfare, prior to renumbering by Pub. L. 108–136.

Section is comprised in part of section 4213 of Pub. L. 107–314. See note below. Subsec. (c) of section 4213 of Pub. L. 107–314 amended section 179 of Title 10, Armed Forces.

Section is comprised of sections 4213 and 4218(b), (c) of Pub. L. 107–314. Section 4213, which was formerly part of Pub. L. 104–201, originally enacted this section, and section 4218(b), (c), which was formerly part of Pub. L. 105–85, originally amended this section. Both sections were renumbered to become part of Pub. L. 107–314 and, as a result, are shown in the source credit above as jointly comprising this section.

AMENDMENTS

2013—Pub. L. 113–66, § 3146(c)(10)(B), renumbered Pub. L. 107–314, § 4218(c), (d), as § 4218(b), (c). See 1997 Amendment note below.

Pub. L. 112–239, § 3164(a)(3), renumbered Pub. L. 105–85, § 1305(c), (d), as Pub. L. 107–314, § 4218(c), (d). See 1997 Amendment note below.

Pub. L. 112–239, § 3131(f)(1)(A), substituted ''national security laboratories and nuclear weapons production facilities'' for ''nuclear weapons laboratories and nuclear weapons production plants'' in section catchline.

Subsec. (a). Pub. L. 113–66, § 3146(c)(7)(A), substituted ''facilities'' for ''plants'' in heading and ''laboratory or facility'' for ''laboratory or plant'' in two places in text.

Pub. L. 112–239, § 3131(f)(1)(B), in first sentence, substituted ''national security laboratory'' for ''nuclear weapons laboratory'', ''production facility'' for ''production plant'', and ''Administrator'' for ''Assistant Secretary of Energy for Defense Programs''.

Subsec. (b). Pub. L. 112–239, § 3131(f)(1)(C), substituted ''Administrator'' for ''Assistant Secretary'' in heading and in two places in text.

Subsec. (d). Pub. L. 113–66, § 3146(c)(7)(B), substituted ''assessment'' for ''certification'' in heading and ''submitted to the President and Congress with the matters required to be submitted under section 2525(f) of this title'' for ''included with the decision documents that accompany the annual certification of the safety and reliability of the United States nuclear weapons stockpile which is provided to the President'' in text.

Subsec. (e). Pub. L. 112–239, § 3131(f)(1)(D), struck out subsec. (e), which defined terms ''nuclear weapons laboratory'' and ''nuclear weapons production plant''.

1999—Subsecs. (d), (e). Pub. L. 106–65 added subsec. (d) and redesignated former subsec. (d) as (e).

1997—Subsec. (b). Pub. L. 107–314, § 4218(b), (c), formerly § 4218(c), (d), formerly Pub. L. 105–85, § 1305(c), (d), substituted ''Not later than 10 days'' for ''As soon as practicable'' and ''committees,'' for ''committees and'' and inserted before period at end '', and to the President''.

Statutory Notes and Related Subsidiaries

TRANSFER OF FUNCTIONS

For transfer of functions, personnel, assets, and liabilities of the advanced scientific computing research program and activities at Lawrence Livermore National Laboratory, including the functions of the Secretary of Energy relating thereto, to the Secretary of Homeland Security, see sections 183(1), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

All national security functions and activities performed immediately before Oct. 5, 1999, by nuclear weapons laboratories and production facilities defined in this section, transferred to the Administrator for Nuclear Security of the National Nuclear Security Administration of the Department of Energy, see section 2481 of this title.

§ 2534. Repealed. Pub. L. 113–66, div. C, title XXXI, § 3146(c)(8)(A), Dec. 26, 2013, 127 Stat. 1075

Section, Pub. L. 107–314, div. D, title XLII, § 4214, as added Pub. L. 109–364, div. C, title XXXI, § 3111(a), Oct. 17, 2006, 120 Stat. 2502; amended Pub. L. 112–239, div. C, title XXXI, § 3131(g)(1), Jan. 2, 2013, 126 Stat. 2181, related to plan for transformation of National Nuclear Security Administration nuclear security enterprise.

§ 2535. Repealed. Pub. L. 117–263, div. C, title XXXI, § 3132(a)(1)(A)(i), Dec. 23, 2022, 136 Stat. 3060

Section, Pub. L. 107–314, div. D, title XLII, § 4215, as added Pub. L. 112–239, div. C, title XXXI, § 3114(a)(1), Jan. 2, 2013, 126 Stat. 2170; amended Pub. L. 113–66, div. C, title XXXI, § 3146(c)(9), Dec. 26, 2013, 127 Stat. 1075, related to the replacement project for the Chemistry and Metallurgy Research Building at Los Alamos National Laboratory, New Mexico.

Statutory Notes and Related Subsidiaries

ALTERNATIVE PLUTONIUM STRATEGY; FULL OPERATIONAL CAPABILITY OF REPLACEMENT PROJECT

Pub. L. 112–239, div. C, title XXXI, § 3114(c)–(e), Jan. 2, 2013, 126 Stat. 2171, 2172, as amended by Pub. L. 113–66, div. C, title XXXI, § 3117, Dec. 26, 2013, 127 Stat. 1058, provided that: