

of appropriations in section 7384g(b) of this title, the Secretary of the Treasury shall transfer directly to the compensation fund from the General Fund of the Treasury, without further appropriation, such amounts as are further necessary to carry out the compensation program.

**(d) Use of compensation fund**

Subject to subsection (e) of this section, amounts in the compensation fund shall be used to carry out the compensation program.

**(e) Administrative costs not paid from compensation fund**

No cost incurred in carrying out the compensation program, or in administering the compensation fund, shall be paid from the compensation fund or set off against or otherwise deducted from any payment to any individual under the compensation program.

**(f) Investment of amounts in compensation fund**

Amounts in the compensation fund shall be invested in accordance with section 9702 of title 31, and any interest on, and proceeds from, any such investment shall be credited to and become a part of the compensation fund.

(Pub. L. 106-398, §1 [div. C, title XXXVI, §3612], Oct. 30, 2000, 114 Stat. 1654, 1654A-497.)

**§ 7384f. Legislative proposal**

**(a) Legislative proposal required**

Not later than March 15, 2001, the President shall submit to Congress a proposal for legislation to implement the compensation program. The proposal for legislation shall include, at a minimum, the specific recommendations (including draft legislation) of the President for the following:

- (1) The types of compensation and benefits, including lost wages, medical benefits, and any lump-sum settlement payments, to be provided under the compensation program.
- (2) Any adjustments or modifications necessary to appropriately administer the compensation program under part B.
- (3) Whether to expand the compensation program to include other illnesses associated with exposure to toxic substances.
- (4) Whether to expand the class of individuals who are members of the Special Exposure Cohort (as defined in section 7384f(14) of this title).

**(b) Assessment of potential covered employees and required amounts**

The President shall include with the proposal for legislation under subsection (a) of this section the following:

- (1) An estimate of the number of covered employees that the President determines were exposed in the performance of duty.
- (2) An estimate, for each fiscal year of the compensation program, of the amounts to be required for compensation and benefits anticipated to be provided in such fiscal year under the compensation program.

(Pub. L. 106-398, §1 [div. C, title XXXVI, §3613], Oct. 30, 2000, 114 Stat. 1654, 1654A-498.)

**§ 7384g. Authorization of appropriations**

**(a) In general**

Pursuant to the authorization of appropriations in section 3103(a),<sup>1</sup> \$25,000,000 may be used for purposes of carrying out this subchapter.

**(b) Compensation fund**

There is hereby authorized to be appropriated \$250,000,000 to the Energy Employees Occupational Illness Compensation Fund established by section 7384e of this title.

(Pub. L. 106-398, §1 [div. C, title XXXVI, §3614], Oct. 30, 2000, 114 Stat. 1654, 1654A-498.)

REFERENCES IN TEXT

Section 3103(a), referred to in subsec. (a), means section 1 [div. C, title XXXVI, §3103(a)] of Pub. L. 106-398, Oct. 30, 2000, 114 Stat. 1654, 1654A-449, which is not classified to the Code.

PART B—PROGRAM ADMINISTRATION

**§ 7384l. Definitions for program administration**

In this subchapter:

(1) The term “covered employee” means any of the following:

- (A) A covered beryllium employee.
- (B) A covered employee with cancer.
- (C) To the extent provided in section 7384r of this title, a covered employee with chronic silicosis (as defined in that section).

(2) The term “atomic weapon” has the meaning given that term in section 2014(d) of this title.

(3) The term “atomic weapons employee” means any of the following:

- (A) An individual employed by an atomic weapons employer during a period when the employer was processing or producing, for the use by the United States, material that emitted radiation and was used in the production of an atomic weapon, excluding uranium mining and milling.
- (B) An individual employed—

(i) at a facility with respect to which the National Institute for Occupational Safety and Health, in its report dated October 2003 and titled “Report on Residual Radioactive and Beryllium Contamination at Atomic Weapons Employer Facilities and Beryllium Vendor Facilities”, or any update to that report, found that there is a potential for significant residual contamination outside of the period in which weapons-related production occurred;

(ii) by an atomic weapons employer or subsequent owner or operators of a facility described in clause (i); and

(iii) during a period, as specified in such report or any update to such report, of potential for significant residual radioactive contamination at such facility.

(4) The term “atomic weapons employer” means an entity, other than the United States, that—

- (A) processed or produced, for use by the United States, material that emitted radi-

<sup>1</sup> See References in Text note below.

ation and was used in the production of an atomic weapon, excluding uranium mining and milling; and

(B) is designated by the Secretary of Energy as an atomic weapons employer for purposes of the compensation program.

(5) The term “atomic weapons employer facility” means a facility, owned by an atomic weapons employer, that is or was used to process or produce, for use by the United States, material that emitted radiation and was used in the production of an atomic weapon, excluding uranium mining or milling.

(6) The term “beryllium vendor” means any of the following:

(A) Atomics International.

(B) Brush Wellman, Incorporated, and its predecessor, Brush Beryllium Company.

(C) General Atomics.

(D) General Electric Company.

(E) NGK Metals Corporation and its predecessors, Kawecki-Berylco, Cabot Corporation, BerylCo, and Beryllium Corporation of America.

(F) Nuclear Materials and Equipment Corporation.

(G) StarMet Corporation and its predecessor, Nuclear Metals, Incorporated.

(H) Wyman Gordan, Incorporated.

(I) Any other vendor, processor, or producer of beryllium or related products designated as a beryllium vendor for purposes of the compensation program under section 7384m of this title.

(7) The term “covered beryllium employee” means the following, if and only if the employee is determined to have been exposed to beryllium in the performance of duty in accordance with section 7384n(a) of this title:

(A) A current or former employee (as that term is defined in section 8101(1) of title 5) who may have been exposed to beryllium at a Department of Energy facility or at a facility owned, operated, or occupied by a beryllium vendor.

(B) A current or former employee of—

(i) any entity that contracted with the Department of Energy to provide management and operation, management and integration, or environmental remediation of a Department of Energy facility; or

(ii) any contractor or subcontractor that provided services, including construction and maintenance, at such a facility.

(C) A current or former employee of a beryllium vendor, or of a contractor or subcontractor of a beryllium vendor, during a period when the vendor was engaged in activities related to the production or processing of beryllium for sale to, or use by, the Department of Energy.

(8) The term “covered beryllium illness” means any of the following:

(A) Beryllium sensitivity as established by an abnormal beryllium lymphocyte proliferation test performed on either blood or lung lavage cells.

(B) Established chronic beryllium disease.

(C) Any injury, illness, impairment, or disability sustained as a consequence of a cov-

ered beryllium illness referred to in subparagraph (A) or (B).

(9) The term “covered employee with cancer” means any of the following:

(A) An individual with a specified cancer who is a member of the Special Exposure Cohort, if and only if that individual contracted that specified cancer after beginning employment at a Department of Energy facility (in the case of a Department of Energy employee or Department of Energy contractor employee) or at an atomic weapons employer facility (in the case of an atomic weapons employee).

(B)(i) An individual with cancer specified in subclause (I), (II), or (III) of clause (ii), if and only if that individual is determined to have sustained that cancer in the performance of duty in accordance with section 7384n(b) of this title.

(ii) Clause (i) applies to any of the following:

(I) A Department of Energy employee who contracted that cancer after beginning employment at a Department of Energy facility.

(II) A Department of Energy contractor employee who contracted that cancer after beginning employment at a Department of Energy facility.

(III) An atomic weapons employee who contracted that cancer after beginning employment at an atomic weapons employer facility.

(10) The term “Department of Energy” includes the predecessor agencies of the Department of Energy, including the Manhattan Engineering District.

(11) The term “Department of Energy contractor employee” means any of the following:

(A) An individual who is or was in residence at a Department of Energy facility as a researcher for one or more periods aggregating at least 24 months.

(B) An individual who is or was employed at a Department of Energy facility by—

(i) an entity that contracted with the Department of Energy to provide management and operating, management and integration, or environmental remediation at the facility; or

(ii) a contractor or subcontractor that provided services, including construction and maintenance, at the facility.

(12) The term “Department of Energy facility” means any building, structure, or premise, including the grounds upon which such building, structure, or premise is located—

(A) in which operations are, or have been, conducted by, or on behalf of, the Department of Energy (except for buildings, structures, premises, grounds, or operations covered by Executive Order No. 12344, dated February 1, 1982, pertaining to the Naval Nuclear Propulsion Program); and

(B) with regard to which the Department of Energy has or had—

(i) a proprietary interest; or

(ii) entered into a contract with an entity to provide management and oper-

ation, management and integration, environmental remediation services, construction, or maintenance services.

(13) The term “established chronic beryllium disease” means chronic beryllium disease as established by the following:

(A) For diagnoses on or after January 1, 1993, beryllium sensitivity (as established in accordance with paragraph (8)(A)), together with lung pathology consistent with chronic beryllium disease, including—

(i) a lung biopsy showing granulomas or a lymphocytic process consistent with chronic beryllium disease;

(ii) a computerized axial tomography scan showing changes consistent with chronic beryllium disease; or

(iii) pulmonary function or exercise testing showing pulmonary deficits consistent with chronic beryllium disease.

(B) For diagnoses before January 1, 1993, the presence of—

(i) occupational or environmental history, or epidemiologic evidence of beryllium exposure; and

(ii) any three of the following criteria:

(I) Characteristic chest radiographic (or computed tomography (CT)) abnormalities.

(II) Restrictive or obstructive lung physiology testing or diffusing lung capacity defect.

(III) Lung pathology consistent with chronic beryllium disease.

(IV) Clinical course consistent with a chronic respiratory disorder.

(V) Immunologic tests showing beryllium sensitivity (skin patch test or beryllium blood test preferred).

(14) The term “member of the Special Exposure Cohort” means a Department of Energy employee, Department of Energy contractor employee, or atomic weapons employee who meets any of the following requirements:

(A) The employee was so employed for a number of work days aggregating at least 250 work days before February 1, 1992, at a gaseous diffusion plant located in Paducah, Kentucky, Portsmouth, Ohio, or Oak Ridge, Tennessee, and, during such employment—

(i) was monitored through the use of dosimetry badges for exposure at the plant of the external parts of employee’s body to radiation; or

(ii) worked in a job that had exposures comparable to a job that is or was monitored through the use of dosimetry badges.

(B) The employee was so employed before January 1, 1974, by the Department of Energy or a Department of Energy contractor or subcontractor on Amchitka Island, Alaska, and was exposed to ionizing radiation in the performance of duty related to the Long Shot, Milrow, or Cannikin underground nuclear tests.

(C)(i) Subject to clause (ii), the employee is an individual designated as a member of the Special Exposure Cohort by the Presi-

dent for purposes of the compensation program under section 7384q of this title.

(ii) A designation under clause (i) shall, unless Congress otherwise provides, take effect on the date that is 30 days after the date on which the President submits to Congress a report identifying the individuals covered by the designation and describing the criteria used in designating those individuals.

(15) The term “occupational illness” means a covered beryllium illness, cancer referred to in paragraph (9)(B), specified cancer, or chronic silicosis, as the case may be.

(16) The term “radiation” means ionizing radiation in the form of—

(A) alpha particles;

(B) beta particles;

(C) neutrons;

(D) gamma rays; or

(E) accelerated ions or subatomic particles from accelerator machines.

(17) The term “specified cancer” means any of the following:

(A) A specified disease, as that term is defined in section 4(b)(2) of the Radiation Exposure Compensation Act (42 U.S.C. 2210 note).

(B) Bone cancer.

(C) Renal cancers.

(D) Leukemia (other than chronic lymphocytic leukemia), if initial occupational exposure occurred before 21 years of age and onset occurred more than two years after initial occupational exposure.

(Pub. L. 106-398, §1 [div. C, title XXXVI, §3621], Oct. 30, 2000, 114 Stat. 1654, 1654A-498; Pub. L. 107-20, title II, §2403(a), July 24, 2001, 115 Stat. 175; Pub. L. 107-107, div. C, title XXXI, §3151(a)(1), (4)(C), Dec. 28, 2001, 115 Stat. 1371, 1374; Pub. L. 108-375, div. C, title XXXI, §§3166(b)(2), 3168(a), Oct. 28, 2004, 118 Stat. 2189, 2190.)

#### REFERENCES IN TEXT

Executive Order No. 12344, referred to in par. (12)(A), is set out as a note under section 2511 of Title 50, War and National Defense.

Section 4(b)(2) of the Radiation Exposure Compensation Act, referred to in par. (17)(A), is section 4(b)(2) of Pub. L. 101-426, which is set out in a note under section 2210 of this title.

#### AMENDMENTS

2004—Par. (3). Pub. L. 108-375, §3168(a), amended par. (3) generally. Prior to amendment, par. (3) read as follows: “The term ‘atomic weapons employee’ means an individual employed by an atomic weapons employer during a period when the employer was processing or producing, for the use by the United States, material that emitted radiation and was used in the production of an atomic weapon, excluding uranium mining and milling.”

Par. (14)(C)(ii). Pub. L. 108-375, §3166(b)(2), substituted “30 days” for “180 days”.

2001—Par. (17)(C). Pub. L. 107-20 added subpar. (C).

Par. (17)(D). Pub. L. 107-107, §3151(a)(1), added subpar. (D).

Par. (18). Pub. L. 107-107, §3151(a)(4)(C), struck out par. (18) which read as follows: “The term ‘survivor’ means any individual or individuals eligible to receive compensation pursuant to section 8133 of title 5.”

#### EFFECTIVE DATE OF 2001 AMENDMENTS

Pub. L. 107-107, div. C, title XXXI, §3151(a)(4)(D), Dec. 28, 2001, 115 Stat. 1374, provided that: “The amendments

made by this paragraph [amending this section and sections 7384s and 7384u of this title] shall take effect on July 1, 2001.”

Pub. L. 107-20, title II, §2403(b), July 24, 2001, 115 Stat. 175, provided that: “This section [amending this section] shall be effective on October 1, 2001.”

#### § 7384m. Expansion of list of beryllium vendors

Not later than December 31, 2002, the President may, in consultation with the Secretary of Energy, designate as a beryllium vendor for purposes of section 7384l(6) of this title any vendor, processor, or producer of beryllium or related products not previously listed under or designated for purposes of such section 7384l(6) of this title if the President finds that such vendor, processor, or producer has been engaged in activities related to the production or processing of beryllium for sale to, or use by, the Department of Energy in a manner similar to the entities listed in such section 7384l(6) of this title.

(Pub. L. 106-398, §1 [div. C, title XXXVI, §3622], Oct. 30, 2000, 114 Stat. 1654, 1654A-502.)

#### DELEGATION OF FUNCTIONS

For delegation of certain functions of the President under this section, see Ex. Ord. No. 13179, Dec. 7, 2000, 65 F.R. 77487, set out as a note under section 7384 of this title.

#### § 7384n. Exposure in the performance of duty

##### (a) Beryllium

A covered beryllium employee shall, in the absence of substantial evidence to the contrary, be determined to have been exposed to beryllium in the performance of duty for the purposes of the compensation program if, and only if, the covered beryllium employee was—

- (1) employed at a Department of Energy facility; or
- (2) present at a Department of Energy facility, or a facility owned and operated by a beryllium vendor, because of employment by the United States, a beryllium vendor, or a contractor or subcontractor of the Department of Energy,

during a period when beryllium dust, particles, or vapor may have been present at such facility.

##### (b) Cancer

An individual with cancer specified in subclause (I), (II), or (III) of section 7384l(9)(B)(ii) of this title shall be determined to have sustained that cancer in the performance of duty for purposes of the compensation program if, and only if, the cancer specified in that subclause was at least as likely as not related to employment at the facility specified in that subclause, as determined in accordance with the guidelines established under subsection (c) of this section.

##### (c) Guidelines

(1) For purposes of the compensation program, the President shall by regulation establish guidelines for making the determinations required by subsection (b) of this section.

(2) The President shall establish such guidelines after technical review by the Advisory Board on Radiation and Worker Health under section 7384o of this title.

(3) Such guidelines shall—

(A) be based on the radiation dose received by the employee (or a group of employees performing similar work) at such facility and the upper 99 percent confidence interval of the probability of causation in the radioepidemiological tables published under section 7(b) of the Orphan Drug Act (42 U.S.C. 241 note), as such tables may be updated under section 7(b)(3) of such Act from time to time;

(B) incorporate the methods established under subsection (d) of this section; and

(C) take into consideration the type of cancer, past health-related activities (such as smoking), information on the risk of developing a radiation-related cancer from workplace exposure, and other relevant factors.

(4) In the case of an atomic weapons employee described in section 7384l(3)(B) of this title, the following doses of radiation shall be treated, for purposes of paragraph (3)(A) of this subsection, as part of the radiation dose received by the employee at such facility:

(A) Any dose of ionizing radiation received by that employee from facilities, materials, devices, or byproducts used or generated in the research, development, production, dismantlement, transportation, or testing of nuclear weapons, or from any activities to research, produce, process, store, remediate, or dispose of radioactive materials by or on behalf of the Department of Energy (except for activities covered by Executive Order No. 12344, dated February 1, 1982 (42 U.S.C. 7158 note) pertaining to the Naval Nuclear Propulsion Program).

(B) Any dose of ionizing radiation received by that employee from a source not covered by subparagraph (A) that is not distinguishable through reliable documentation from a dose covered by subparagraph (A).

##### (d) Methods for radiation dose reconstructions

(1) The President shall, through any Federal agency (other than the Department of Energy) or official (other than the Secretary of Energy or any other official within the Department of Energy) that the President may designate, establish by regulation methods for arriving at reasonable estimates of the radiation doses received by an individual specified in subparagraph (B) of section 7384l(9) of this title at a facility specified in that subparagraph by each of the following employees:

(A) An employee who was not monitored for exposure to radiation at such facility.

(B) An employee who was monitored inadequately for exposure to radiation at such facility.

(C) An employee whose records of exposure to radiation at such facility are missing or incomplete.

(2) The President shall establish an independent review process using the Advisory Board on Radiation and Worker Health to—

(A) assess the methods established under paragraph (1); and

(B) verify a reasonable sample of the doses established under paragraph (1).

##### (e) Information on radiation doses

(1) The Secretary of Energy shall provide, to each covered employee with cancer specified in