

(A) improving the productivity, quality, or energy efficiency of the design, development, testing, or manufacture of a product; or

(B) expanding the technical capability to design, develop, test, or manufacture a product that is fundamentally different in character from existing products and that will result in improved energy efficiency;

(2) the term “advanced materials” means materials that are processed, synthesized, fabricated, and manufactured to develop high performance properties that exceed the corresponding properties of conventional materials for structural, electronic, magnetic, or photonic applications, or for joining, welding, bonding, or packaging components into complex assemblies, including—

(A) advanced monolithic materials such as metals, ceramics, and polymers;

(B) advanced composite materials such as metal matrix (including intermetallics), polymer matrix, ceramic matrix, continuous fiber ceramic composite, and carbon matrix composites; and

(C) advanced electronic, magnetic, and photonic materials, including superconducting, semiconductor, electrooptic, magneto optic, thin-film, and special purpose coating materials used in technologies for energy efficiency, renewable energy, or electric power applications; and

(3) the term “United States” means the 50 States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the United States Virgin Islands, Guam, the Northern Mariana Islands, and any other territory or possession of the United States.

(Pub. L. 102-486, title XXII, §2206, Oct. 24, 1992, 106 Stat. 3091.)

#### SUBCHAPTER XI—POLICY AND ADMINISTRATIVE PROVISIONS

### § 13521. Policy on major construction projects

#### (a) Report and management plan

The Secretary shall submit to the Congress a report and management plan for any major construction project involving \$100,000,000 or more, prior to the expenditure of those funds.

#### (b) Congressional review

Expenditure of funds for a project described in subsection (a) may be made after a period of 30 calendar days (not including any day on which either House of Congress is not in session because of adjournment of more than 3 calendar days prior to a day certain) has passed after receipt of the report and management plan by Congress.

(Pub. L. 102-486, title XXIII, §2301, Oct. 24, 1992, 106 Stat. 3092.)

### § 13522. Energy Research, Development, Demonstration, and Commercial Application Advisory Board

#### (a) Establishment

The Secretary shall establish an Energy Research, Development, Demonstration, and Com-

mercial Application Advisory Board (hereafter in this section referred to as the “Advisory Board”).

#### (b) Responsibilities

The Advisory Board shall provide impartial technical advice to the Secretary to assist in the development of energy research, development, demonstration, and commercial application plans and reports under sections 5905 and 5914<sup>1</sup> of this title, under section 7321 of this title, and as otherwise provided in subchapters VIII through XI of this chapter. The Advisory Board shall also periodically review such plans and reports and their implementation in relation to the goals stated in section 13401 of this title, and report the results of such review to the Secretary and the Congress. Such report shall be included as part of the report required under section 5914<sup>1</sup> of this title.

#### (c) Use of existing advisory board

The Secretary may use an existing advisory board to carry out the responsibilities described in subsection (b).

(Pub. L. 102-486, title XXIII, §2302, Oct. 24, 1992, 106 Stat. 3092.)

#### REFERENCES IN TEXT

Subchapters VIII through XI of this chapter, referred to in subsec. (b), was in the original “titles XX through XXIII of this Act”, meaning titles XX through XXIII of Pub. L. 102-486, Oct. 24, 1992, 106 Stat. 3057-3092, which enacted subchapters VIII through XI of this chapter and amended sections 5103, 5107, 5108, 5110, 5307, 5905, 12003, 12004, and 12006 of this title.

Section 5914 of this title, referred to in subsec. (b), was omitted from the Code.

#### TERMINATION OF ADVISORY BOARDS

Advisory boards established after Jan. 5, 1973, to terminate not later than the expiration of the 2-year period beginning on the date of their establishment, unless, in the case of a board established by the President or an officer of the Federal Government, such board is renewed by appropriate action prior to the expiration of such 2-year period, or in the case of a board established by Congress, its duration is otherwise provided by law. See sections 3(2) and 14 of Pub. L. 92-463, Oct. 6, 1972, 86 Stat. 776, set out in the Appendix to Title 5, Government Organization and Employees.

### § 13523. Management plan

#### (a) Plan preparation

The Secretary, in consultation with the Advisory Board established under section 13522 of this title, shall prepare a management plan for the conduct of research, development, demonstration, and commercial application of energy technologies that is consistent with the goals stated in section 13401 of this title.

#### (b) Contents of plan

The management plan under subsection (a) shall provide for—

(1) investigation of promising energy and energy efficiency resource technologies that have been identified as potentially significant future contributors to national energy security;

(2) development of energy and energy efficiency resource technologies that have the po-

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