

shall provide for programs, projects, and activities that encourage the development of new technology in the field of semiconductors.

**(b) Budget categories**

The programs, projects, and activities described in subsection (a) shall be included in the budget for general science and research activities of the Department of Energy, except that any programs, projects, and activities that directly support and directly benefit the defense activities of the Department shall be included in the budget for atomic energy defense activities of the Department of Energy.

(Pub. L. 100-180, div. C, title I, §3146, Dec. 4, 1987, 101 Stat. 1243.)

**§ 4627. Cost-sharing agreements**

**(a) Permitted provisions**

The director of each national laboratory of the Department of Energy that is participating in the Initiative or the contractor operating any such national laboratory, in carrying out programs under a contract with the Department of Energy, may include in any research and development agreement entered into with a domestic firm in connection with such Initiative a cooperative provision for the domestic firm to pay a portion of the cost of the research and development activities.

**(b) Limitations**

(1) Not more than an amount equal to 1 percent of any national laboratory's annual budget shall be received from nonappropriated funds derived from contracts entered into under the Initiative in any fiscal year, except to the extent approved in advance by the Secretary of Energy.

(2) No Department of Energy national laboratory may receive more than \$10,000,000 of nonappropriated funds under any cooperative research and development agreement entered into under this subsection in connection with the Initiative, except to the extent approved in advance by the Secretary of Energy.

(Pub. L. 100-180, div. C, title I, §3147, Dec. 4, 1987, 101 Stat. 1244.)

**§ 4628. Department of Energy oversight of cooperative agreements relating to Initiative**

**(a) Provisions relating to disapproval and modification of agreements**

If the Secretary of Energy desires an opportunity to disapprove or require the modification of any agreement under section 4627 of this title, the agreement shall provide a 90-day period within which such action may be taken, beginning on the date the agreement is submitted to the Secretary.

**(b) Record of agreements**

Each national laboratory shall maintain a record of all agreements entered into under this section.

(Pub. L. 100-180, div. C, title I, §3148, Dec. 4, 1987, 101 Stat. 1244.)

**§ 4629. Avoidance of duplication**

In carrying out the Initiative, the Secretary of Energy shall ensure that unnecessary duplica-

tive research is not performed at the research facilities (including the national laboratories of the Department of Energy) that are participating in the Initiative.

(Pub. L. 100-180, div. C, title I, §3149, Dec. 4, 1987, 101 Stat. 1244.)

**§ 4630. Authorization of appropriations**

There is authorized to be appropriated to the Department of Energy for fiscal year 1988 the sum of \$25,000,000 for general science and research activities of the Department of Energy under the Initiative.

(Pub. L. 100-180, div. C, title I, §3150, Dec. 4, 1987, 101 Stat. 1244.)

**§ 4631. Technology transfer**

**(a) In general**

The Secretary of Energy shall adopt procedures to provide for timely and efficient transfer of semiconductor technology developed under the Initiative pursuant to applicable laws, Executive orders, and regulations.

**(b) Plan for commercialization enhancement**

(1) Not later than one year after the date on which funds are first appropriated to conduct the Initiative, the Secretary of Energy shall transmit to the committees of Congress named in paragraph (2) a plan for the transfer of semiconductor technology and information generated by the Initiative.

(2) The committees of Congress referred to in paragraph (1) are the Committees on Armed Services of the Senate and House of Representatives, the Committee on Energy and Natural Resources of the Senate, and the Committee on Science, Space, and Technology of the House of Representatives.

(Pub. L. 100-180, div. C, title I, §3151, Dec. 4, 1987, 101 Stat. 1244; Pub. L. 103-437, §5(b)(6), Nov. 2, 1994, 108 Stat. 4582.)

AMENDMENTS

1994—Subsec. (b)(2). Pub. L. 103-437 substituted "Committee on Science, Space, and Technology" for "Committee on Science and Technology".

**§ 4632. Semiconductor research and development**

**(a) Short title**

This section may be cited as the "National Advisory Committee on Semiconductor Research and Development Act of 1988".

**(b) Findings and purposes**

(1) The Congress finds and declares that—

(A) semiconductor technology is playing an ever-increasing role in United States industrial and commercial products and processes, making secure domestic sources of state-of-the-art semiconductors highly desirable;

(B) modern weapons systems are highly dependent on leading edge semiconductor devices, and it is counter to the national security interest to be heavily dependent upon foreign sources for this technology;

(C) governmental responsibilities related to the semiconductor industry are divided among many Federal departments and agencies; and