

classification of this Act to the Code, see Short Title note set out under section 6201 of Title 42 and Tables. The National Energy Extension Service Act, referred to in par. (3)(D), is title V of Pub. L. 95-39, June 3, 1977, 91 Stat. 191, as amended, which was classified principally to chapter 83 (§7001 et seq.) of Title 42 and was repealed by Pub. L. 102-486, title I, §143(a), Oct. 24, 1992, 106 Stat. 2843. For complete classification of this Act to the Code, see Short Title note set out under section 7001 of Title 42 and Tables.

CHAPTER 72—SEMICONDUCTOR RESEARCH

SUBCHAPTER I—COOPERATIVE RESEARCH PROGRAM

- Sec. 4601. Findings, purposes, and definitions.
 - (a) Findings.
 - (b) Purposes.
 - (c) Definitions.
- 4602. Grants to Sematech.
 - (a) Authority to make grants.
 - (b) Memorandum of understanding.
 - (c) Construction of memorandum of understanding.
 - (d) Funding for FY88.
- 4603. Semiconductor Technology Council.
 - (a) Establishment.
 - (b) Purposes and functions.
 - (c) Membership.
 - (d) Terms of membership.
 - (e) Vacancies.
 - (f) Quorum.
 - (g) Meetings.
 - (h) Compensation.
 - (i) Federal Advisory Committee Act.
 - (j) Support for Council.
- 4603a. Study and report by Semiconductor Technology Council.
 - (a) Study and report.
 - (b) Council recommendations and report.
- 4604. Repealed.
- 4605. Export of semiconductor manufacturing.
- 4606. Protection of information.
 - (a) Freedom of Information Act.
 - (b) Intellectual property.

SUBCHAPTER II—DEPARTMENT OF ENERGY SEMICONDUCTOR TECHNOLOGY RESEARCH EXCELLENCE INITIATIVE

- 4621. Findings.
- 4622. Establishment of semiconductor manufacturing technology research initiative.
- 4623. Participation of national laboratories of Department of Energy.
 - (a) Mission of national laboratories.
 - (b) Agreements.
 - (c) Research and development.
- 4624. Personnel exchanges.
- 4625. Other Department of Energy resources.
 - (a) Availability of resources.
 - (b) Reimbursement.
- 4626. Budgeting for semiconductor manufacturing technology research.
 - (a) Budget submission.
 - (b) Budget categories.
- 4627. Cost-sharing agreements.
 - (a) Permitted provisions.
 - (b) Limitations.
- 4628. Department of Energy oversight of cooperative agreements relating to Initiative.
 - (a) Provisions relating to disapproval and modification of agreements.
 - (b) Record of agreements.
- 4629. Avoidance of duplication.
- 4630. Authorization of appropriations.
- 4631. Technology transfer.
 - (a) In general.
 - (b) Plan for commercialization enhancement.

- Sec. 4632. Semiconductor research and development.
 - (a) Short title.
 - (b) Findings and purposes.
 - (c) Creation of Committee.
 - (d) Functions.
 - (e) Membership and procedures.
 - (f) Authorization of appropriations.

SUBCHAPTER I—COOPERATIVE RESEARCH PROGRAM

§ 4601. Findings, purposes, and definitions

(a) Findings

The Congress finds that it is in the national economic and security interests of the United States for the Department of Defense to provide financial assistance to the industry consortium known as Sematech for research and development activities in the field of semiconductor manufacturing technology.

(b) Purposes

- The purposes of this subchapter are—
- (1) to encourage the semiconductor industry in the United States—
 - (A) to conduct research on advanced semiconductor manufacturing techniques; and
 - (B) to develop techniques to use manufacturing expertise for the manufacture of a variety of semiconductor products; and
 - (2) in order to achieve the purpose set out in paragraph (1), to provide a grant program for the financial support of semiconductor research activities conducted by Sematech.

(c) Definitions

- In this subchapter:
- (1) The terms “Semiconductor Technology Council” and “Council” mean the advisory council established by section 4603 of this title.
 - (2) The term “Sematech” means a consortium of firms in the United States semiconductor industry established for the purposes of (A) conducting research concerning advanced semiconductor manufacturing techniques, and (B) developing techniques to adapt manufacturing expertise to a variety of semiconductor products.

(Pub. L. 100-180, div. A, title II, §271, Dec. 4, 1987, 101 Stat. 1068; Pub. L. 103-160, div. A, title II, §263(c)(1), Nov. 30, 1993, 107 Stat. 1610.)

AMENDMENTS

1993—Subsec. (c)(1). Pub. L. 103-160 substituted “Semiconductor Technology Council” for “Advisory Council on Federal Participation in Sematech”.

§ 4602. Grants to Sematech

(a) Authority to make grants

The Secretary of Defense shall make grants, in accordance with section 6304 of title 31, to Sematech in order to defray expenses incurred by Sematech in conducting research on and development of semiconductor manufacturing technology. The grants shall be made in accordance with a memorandum of understanding entered into under subsection (b) of this section.

(b) Memorandum of understanding

The Secretary of Defense shall enter into a memorandum of understanding with Sematech