troduction of magnetic fusion energy systems including, but not limited to—

(1) projected costs relative to other alternative energy sources;

(2) projected growth rates in energy demand;

(3) safety-related design limitations;

(4) environmental impacts; and

(5) limitations on the availability of strategic elements, such as helium, lithium, and special metals.

(Pub. L. 96–386, § 4, Oct. 7, 1980, 94 Stat. 1540.)

§ 9304. Comprehensive program management plan; submittal to Congressional committees

(a) The Secretary shall prepare a comprehensive program management plan for the conduct of the research, development, and demonstration activities under this chapter. Such plan shall include at a minimum—

(1) a presentation of the program strategy which will be used to achieve the purposes of this chapter;

(2) a five-year program implementation schedule, including identification of detailed milestone goals, with associated budget and program resources requirements;

(3) risk assessments;

(4) supporting research and development needed to solve problems which may inhibit or limit development of magnetic fusion energy systems; and

(5) an analysis of institutional, environmental, and economic considerations which are limiting the national magnetic fusion program.

(b) The Secretary shall transmit the comprehensive program management plan to the Committee on Science and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate not later than January 1, 1982.

(Pub. L. 96–386, § 5, Oct. 7, 1980, 94 Stat. 1541.)

Statutory Notes and Related Subsidiaries

CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

§ 9305. Magnetic fusion engineering center

(a) Development plan

The Secretary shall develop a plan for the creation of a national magnetic fusion engineering center for the purpose of accelerating fusion technology development via the concentration and coordination of major magnetic fusion engineering devices and associated activities at such a national center.

(b) Factors considered in formulation of development plan

In developing the plan, the Secretary shall include relevant factors including, but not limited to—

(1) means of saving cost and time through the establishment of the national center relative to the cost and schedule currently projected for the program;

(2) means of providing common facilities to be shared by many magnetic fusion concepts;

(3) assessment of the environmental and safety-related aspects of the national center;

(4) provisions for international cooperation in magnetic fusion activities at the national center;

(5) provision of access to facilities for the broader technical involvement of domestic industry and universities in the magnetic fusion energy program;

(6) siting criteria for the national center including a list of potential sites;

(7) the advisability of establishing such a center considering all factors, including the alternative means and associated costs of pursuing such technology; and

(8) changes in the management structure of the magnetic fusion program to allow more effective direction of activities related to the national center.

(c) Report to Congressional committees

The Secretary shall submit not later than July 1, 1981, a report to the House Committee on Science and Technology and the Senate Committee on Energy and Natural Resources characterizing the plan and setting forth the steps necessary for implementation of the plan, including any steps already implemented.

(Pub. L. 96–386, § 6, Oct. 7, 1980, 94 Stat. 1541.)

Statutory Notes and Related Subsidiaries

CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

§ 9306. Repealed. Pub. L. 104–46, title V, § 509, Nov. 13, 1995, 109 Stat. 421

Section, Pub. L. 96–386, § 7, Oct. 7, 1980, 94 Stat. 1542, related to establishment, membership, duties, etc., of technical panel on magnetic fusion and required panel to submit to Energy Research Advisory Board on at least a triennial basis a written report of its findings and recommendations with regard to magnetic fusion program.

§ 9307. Program advisory committees

The Secretary may direct the director of each laboratory or installation at which a major magnetic fusion facility is operated for, or funded primarily by, the Federal Government to establish, for the sole purpose of providing advice to such director, a program advisory committee composed of persons with expertise in magnetic fusion from such domestic industry, universities, government laboratories, and other scientific and technical organizations as such director deems appropriate.

(Pub. L. 96–386, § 8, Oct. 7, 1980, 94 Stat. 1543.)

Statutory Notes and Related Subsidiaries

TERMINATION OF ADVISORY COMMITTEES

Advisory committees established after Jan. 5, 1973, to terminate not later than the expiration of the 2-year period beginning on the date of their establishment,