varying levels of atmospheric carbon dioxide should be structured, including comments by the Office on the interagency requirements of such a program and comments by the Secretary of State on the international agreements required to carry out such a program;

(2) how the United States can best play a role in the development of such a long-term program on an international basis;

(3) what domestic resources should be made available to such a program;

(4) how the ongoing United States Government carbon dioxide assessment program should be modified so as to be of increased utility in providing information and recommendations of the highest possible value to government policy makers; and

(5) the need for periodic reports to the Congress in conjunction with any long-term program the Office and the Academy may recommend under this section.

(c) Information from other Federal agencies and departments

The Secretary of Energy, the Secretary of Commerce, the Administrator of the Environmental Protection Agency, and the Director of the National Science Foundation shall furnish to the Office or the Academy upon request any information which the Office or the Academy determines to be necessary for purposes of conducting the study required by this section.

(d) Separate assessment by Office of interagency implementation requirements

The Office shall provide a separate assessment of the interagency requirements to implement a comprehensive program of the type described in the third sentence of subsection (b) of this section.

(Pub. L. 96–294, title VII, §711, June 30, 1980, 94 Stat. 774.)

REFERENCES IN TEXT

This Act, referred to in subsec. (a), is Pub. L. 96–294, June 30, 1980, 94 Stat. 611, as amended, known as the Energy Security Act. For complete classification of this Act to the Code, see Short Title note set out under section 8801 of this title and Tables.

§ 8912. Authorization of appropriations

For the expenses of carrying out the carbon dioxide study authorized by section 8911 of this title (as determined by the Office of Science and Technology Policy) there are authorized to be appropriated such sums, not exceeding $3,000,000 in the aggregate, as may be necessary. At least 80 percent of any amounts appropriated pursuant to the preceding sentence shall be provided to the National Academy of Sciences.

(Pub. L. 96–294, title VII, §712, June 30, 1980, 94 Stat. 775.)

CHAPTER 98—OCEAN THERMAL ENERGY CONVERSION RESEARCH AND DEVELOPMENT

Sec.

§ 9001. Congressional findings and declaration of purpose

(a) The Congress finds that—

(1) the supply of nonrenewable fuels in the United States is slowly being depleted;

(2) alternative sources of energy must be developed;

(3) ocean thermal energy is a renewable energy resource that can make a significant contribution to the energy needs of the United States;

(4) the technology base for ocean thermal energy conversion has improved over the past two years, and has consequently lowered the technical risk involved in constructing moderate-sized pilot plants with an electrical generating capacity of about ten to forty megawatts;

(5) while the Federal ocean thermal energy conversion program has grown in size and scope over the past several years, it is in the national interest to accelerate efforts to commercialize ocean thermal energy conversion by building pilot and demonstration facilities and to begin planning for the commercial demonstration of ocean thermal energy conversion technology;

(6) a strong and innovative domestic industry committed to the commercialization of ocean thermal energy conversion must be established, and many competent domestic industrial groups are already involved in ocean thermal energy conversion research and development activity; and

(7) consistent with the findings of the Domestic Policy Review on Solar Energy, ocean thermal energy conversion energy can potentially contribute at least one-tenth of quad of energy per year by the year 2000.

(b) Therefore, the purpose of this chapter is to accelerate ocean thermal energy conversion technology development to provide a technical base for meeting the following goals:

(1) demonstration by 1986 of at least one hundred megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems;

(2) demonstration by 1989 of at least five hundred megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems;

(3) achievement in the mid-1990's, for the gulf coast region of the continental United States and for islands in the United States, its possessions and its territories, an average cost of electricity or energy product equivalent produced by installed ocean thermal energy conversion systems that is competitive with conventional energy sources; and

(4) establish as a national goal ten thousand megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems by the year 1999.