

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110-140, set out as a note under section 1824 of Title 2, The Congress.

SHORT TITLE

Subtitle A (§§ 701-708) of title VII of Pub. L. 110-140, which is classified principally to this part, is known as the “Department of Energy Carbon Capture and Sequestration Research, Development, and Demonstration Act of 2007”. See Short Title note set out under section 17001 of this title.

§ 17252. Review of large-scale programs

The Secretary shall enter into an arrangement with the National Academy of Sciences for an independent review and oversight, beginning in 2011, of the programs under section 16293(c)(3) of this title and under section 17251 of this title, to ensure that the benefits of such programs are maximized. Not later than January 1, 2012, the Secretary shall transmit to the Congress a report on the results of such review and oversight.

(Pub. L. 110-140, title VII, § 704, Dec. 19, 2007, 121 Stat. 1709.)

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§ 17253. Geologic sequestration training and research**(a) Study****(1) In general**

The Secretary shall enter into an arrangement with the National Academy of Sciences to undertake a study that—

(A) defines an interdisciplinary program in geology, engineering, hydrology, environmental science, and related disciplines that will support the Nation’s capability to capture and sequester carbon dioxide from anthropogenic sources;

(B) addresses undergraduate and graduate education, especially to help develop graduate level programs of research and instruction that lead to advanced degrees with emphasis on geologic sequestration science;

(C) develops guidelines for proposals from colleges and universities with substantial capabilities in the required disciplines that seek to implement geologic sequestration science programs that advance the Nation’s capacity to address carbon management through geologic sequestration science; and

(D) outlines a budget and recommendations for how much funding will be necessary to establish and carry out the grant program under subsection (b).

(2) Report

Not later than 1 year after December 19, 2007, the Secretary shall transmit to the Congress a copy of the results of the study provided by the National Academy of Sciences under paragraph (1).

(3) Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out this subsection \$1,000,000 for fiscal year 2008.

(b) Grant program**(1) Establishment**

The Secretary shall establish a competitive grant program through which colleges and universities may apply for and receive 4-year grants for—

(A) salary and startup costs for newly designated faculty positions in an integrated geologic carbon sequestration science program; and

(B) internships for graduate students in geologic sequestration science.

(2) Renewal

Grants under this subsection shall be renewable for up to 2 additional 3-year terms, based on performance criteria, established by the National Academy of Sciences study conducted under subsection (a), that include the number of graduates of such programs.

(3) Interface with regional geologic carbon sequestration partnerships

To the greatest extent possible, geologic carbon sequestration science programs supported under this subsection shall interface with the research of the Regional Carbon Sequestration Partnerships operated by the Department to provide internships and practical training in carbon capture and geologic sequestration.

(4) Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out this subsection such sums as may be necessary.

(Pub. L. 110-140, title VII, § 705, Dec. 19, 2007, 121 Stat. 1709.)

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§ 17254. Relation to Safe Drinking Water Act

The injection and geologic sequestration of carbon dioxide pursuant to this subtitle and the amendments made by this subtitle shall be subject to the requirements of the Safe Drinking Water Act (42 U.S.C. 300f et seq.), including the provisions of part C of such Act (42 U.S.C. 300h et seq.; relating to protection of underground sources of drinking water). Nothing in this subtitle and the amendments made by this subtitle imposes or authorizes the promulgation of any requirement that is inconsistent or in conflict with the requirements of the Safe Drinking Water Act (42 U.S.C. 300f et seq.) or regulations thereunder.

(Pub. L. 110-140, title VII, § 706, Dec. 19, 2007, 121 Stat. 1710.)

REFERENCES IN TEXT

This subtitle, referred to in text, is subtitle A (§§ 701-708) of title VII of Pub. L. 110-140, which enacted this part, amended section 16293 of this title, and enacted provisions set out as a note under section 17001 of this title. For complete classification of subtitle A to the Code, see Short Title note set out under section 17001 of this title and Tables.

The Safe Drinking Water Act, referred to in text, is title XIV of act July 1, 1944, as added Dec. 16, 1974, Pub.