

stream shall be of a sufficient purity level to allow for safe transport and sequestration.

**(5) Cost-sharing**

The cost-sharing requirements of section 16352 of this title for research and development projects shall apply to this section.

**(b) Authorization of appropriations**

There is authorized to be appropriated to the Secretary to carry out this section \$200,000,000 per year for fiscal years 2009 through 2013.

(Pub. L. 110–140, title VII, § 703, Dec. 19, 2007, 121 Stat. 1708.)

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.)

**§ 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 pro-

vided 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.)

**§ 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.