

takes effect, no new underground injection well may be operated in such area unless the Administrator has issued a permit for such operation.

(2) Any person may petition the Administrator for the issuance of a permit for the operation of such a well in such an area. A petition submitted under this paragraph shall be submitted in such manner and contain such information as the Administrator may require by regulation. Upon receipt of such a petition, the Administrator shall publish it in the Federal Register. The Administrator shall give notice of any proceeding on a petition and shall provide opportunity for agency hearing. The Administrator shall act upon such petition on the record of any hearing held pursuant to the preceding sentence respecting such petition. Within 120 days of the publication in the Federal Register of a petition submitted under this paragraph, the Administrator shall either issue the permit for which the petition was submitted or shall deny its issuance.

(3) The Administrator may issue a permit for the operation of a new underground injection well in an area designated under subsection (a) only, if he finds that the operation of such well will not cause contamination of the aquifer of such area so as to create a significant hazard to public health. The Administrator may condition the issuance of such a permit upon the use of such control measures in connection with the operation of such well, for which the permit is to be issued, as he deems necessary to assure that the operation of the well will not contaminate the aquifer of the designated area in which the well is located so as to create a significant hazard to public health.

**(c) Civil penalties; separate violations; penalties for willful violations; temporary restraining order or injunction**

Any person who operates a new underground injection well in violation of subsection (b), (1) shall be subject to a civil penalty of not more than \$5,000 for each day in which such violation occurs, or (2) if such violation is willful, such person may, in lieu of the civil penalty authorized by clause (1), be fined not more than \$10,000 for each day in which such violation occurs. If the Administrator has reason to believe that any person is violating or will violate subsection (b), he may petition the United States district court to issue a temporary restraining order or injunction (including a mandatory injunction) to enforce such subsection.

**(d) "New underground injection well" defined**

For purposes of this section, the term "new underground injection well" means an underground injection well whose operation was not approved by appropriate State and Federal agencies before December 16, 1974.

**(e) Areas with one aquifer; publication in Federal Register; commitments for Federal financial assistance**

If the Administrator determines, on his own initiative or upon petition, that an area has an aquifer which is the sole or principal drinking water source for the area and which, if contaminated, would create a significant hazard to public health, he shall publish notice of that deter-

mination in the Federal Register. After the publication of any such notice, no commitment for Federal financial assistance (through a grant, contract, loan guarantee, or otherwise) may be entered into for any project which the Administrator determines may contaminate such aquifer through a recharge zone so as to create a significant hazard to public health, but a commitment for Federal financial assistance may, if authorized under another provision of law, be entered into to plan or design the project to assure that it will not so contaminate the aquifer.

(July 1, 1944, ch. 373, title XIV, §1424, as added Pub. L. 93-523, §2(a), Dec. 16, 1974, 88 Stat. 1678.)

**§ 300h-4. Optional demonstration by States relating to oil or natural gas**

**(a) Approval of State underground injection control program; alternative showing of effectiveness of program by State**

For purposes of the Administrator's approval or disapproval under section 300h-1 of this title of that portion of any State underground injection control program which relates to—

(1) the underground injection of brine or other fluids which are brought to the surface in connection with oil or natural gas production or natural gas storage operations, or

(2) any underground injection for the secondary or tertiary recovery of oil or natural gas,

in lieu of the showing required under subparagraph (A) of section 300h-1(b)(1) of this title the State may demonstrate that such portion of the State program meets the requirements of subparagraphs (A) through (D) of section 300h(b)(1) of this title and represents an effective program (including adequate recordkeeping and reporting) to prevent underground injection which endangers drinking water sources.

**(b) Revision or amendment of requirements of regulation; showing of effectiveness of program by State**

If the Administrator revises or amends any requirement of a regulation under section 300h of this title relating to any aspect of the underground injection referred to in subsection (a), in the case of that portion of a State underground injection control program for which the demonstration referred to in subsection (a) has been made, in lieu of the showing required under section 300h-1(b)(1)(B) of this title the State may demonstrate that, with respect to that aspect of such underground injection, the State program meets the requirements of subparagraphs (A) through (D) of section 300h(b)(1) of this title and represents an effective program (including adequate recordkeeping and reporting) to prevent underground injection which endangers drinking water sources.

**(c) Primary enforcement responsibility of State; voiding by Administrator under duly promulgated rule**

(1) Section 300h-1(b)(3) of this title shall not apply to that portion of any State underground injection control program approved by the Administrator pursuant to a demonstration under subsection (a) of this section (and under subsection (b) of this section where applicable).

(2) If pursuant to such a demonstration, the Administrator approves such portion of the State program, the State shall have primary enforcement responsibility with respect to that portion until such time as the Administrator determines, by rule, that such demonstration is no longer valid. Following such a determination, the Administrator may exercise the authority of subsection (c) of section 300h-1 of this title in the same manner as provided in such subsection with respect to a determination described in such subsection.

(3) Before promulgating any rule under paragraph (2), the Administrator shall provide opportunity for public hearing respecting such rule.

(July 1, 1944, ch. 373, title XIV, §1425, as added Pub. L. 96-502, §2(a), Dec. 5, 1980, 94 Stat. 2737; amended Pub. L. 99-339, title II, §201(a), June 19, 1986, 100 Stat. 653.)

#### AMENDMENTS

1986—Subsec. (a)(1). Pub. L. 99-339 inserted “or natural gas storage operations, or” after “production”.

### § 300h-5. Regulation of State programs

Not later than 18 months after June 19, 1986, the Administrator shall modify regulations issued under this chapter for Class I injection wells to identify monitoring methods, in addition to those in effect on November 1, 1985, including groundwater monitoring. In accordance with such regulations, the Administrator, or delegated State authority, shall determine the applicability of such monitoring methods, wherever appropriate, at locations and in such a manner as to provide the earliest possible detection of fluid migration into, or in the direction of, underground sources of drinking water from such wells, based on its assessment of the potential for fluid migration from the injection zone that may be harmful to human health or the environment. For purposes of this subsection, a class I injection well is defined in accordance with 40 CFR 146.05 as in effect on November 1, 1985.

(July 1, 1944, ch. 373, title XIV, §1426, as added Pub. L. 99-339, title II, §201(b), June 19, 1986, 100 Stat. 653; amended Pub. L. 104-66, title II, §2021(f), Dec. 21, 1995, 109 Stat. 727; Pub. L. 104-182, title V, §501(f)(2), Aug. 6, 1996, 110 Stat. 1691.)

#### AMENDMENTS

1996—Pub. L. 104-182 directed technical amendment of section catchline and subsec. (a) designation. The provision directing amendment of subsec. (a) designation could not be executed because section does not contain a subsec. (a).

1995—Pub. L. 104-66 struck out subsec. (a) designation and heading before “Not later than” and struck out heading and text of subsec. (b). Text read as follows: “The Administrator shall submit a report to Congress, no later than September 1987, summarizing the results of State surveys required by the Administrator under this section. The report shall include each of the following items of information:

“(1) The numbers and categories of class V wells which discharge nonhazardous waste into or above an underground source of drinking water.

“(2) The primary contamination problems associated with different categories of these disposal wells.

“(3) Recommendations for minimum design, construction, installation, and siting requirements that

should be applied to protect underground sources of drinking water from such contamination wherever necessary.”

### § 300h-6. Sole source aquifer demonstration program

#### (a) Purpose

The purpose of this section is to establish procedures for development, implementation, and assessment of demonstration programs designed to protect critical aquifer protection areas located within areas designated as sole or principal source aquifers under section 300h-3(e) of this title.

#### (b) “Critical aquifer protection area” defined

For purposes of this section, the term “critical aquifer protection area” means either of the following:

(1) All or part of an area located within an area for which an application or designation as a sole or principal source aquifer pursuant to section 300h-3(e) of this title, has been submitted and approved by the Administrator and which satisfies the criteria established by the Administrator under subsection (d).

(2) All or part of an area which is within an aquifer designated as a sole source aquifer as of June 19, 1986, and for which an areawide ground water quality protection plan has been approved under section 208 of the Clean Water Act [33 U.S.C. 1288] prior to June 19, 1986.

#### (c) Application

Any State, municipal or local government or political subdivision thereof or any planning entity (including any interstate regional planning entity) that identifies a critical aquifer protection area over which it has authority or jurisdiction may apply to the Administrator for the selection of such area for a demonstration program under this section. Any applicant shall consult with other government or planning entities with authority or jurisdiction in such area prior to application. Applicants, other than the Governor, shall submit the application for a demonstration program jointly with the Governor.

#### (d) Criteria

Not later than 1 year after June 19, 1986, the Administrator shall, by rule, establish criteria for identifying critical aquifer protection areas under this section. In establishing such criteria, the Administrator shall consider each of the following:

(1) The vulnerability of the aquifer to contamination due to hydrogeologic characteristics.

(2) The number of persons or the proportion of population using the ground water as a drinking water source.

(3) The economic, social and environmental benefits that would result to the area from maintenance of ground water of high quality.

(4) The economic, social and environmental costs that would result from degradation of the quality of the ground water.

#### (e) Contents of application

An application submitted to the Administrator by any applicant for a demonstration pro-