Environmental Protection Agency

trust fund, surety bond, letter of credit, financial test, insurance or corporate guarantee that meets the specifications for the mechanisms and instruments revised as appropriate to cover closure and post-closure care in 40 CFR part 144, subpart F. The amount of the funds available shall be no less than $_{
m the}$ amount identified in \$146.72(a)(4)(vi). The obligation t.o maintain financial responsibility for post-closure care survives the termination of a permit or the cessation of injection. The requirement to maintain financial responsibility is enforceable regardless of whether the requirement is a condition of the permit.

PART 147—STATE UNDERGROUND INJECTION CONTROL PROGRAMS

Subpart A—General Provisions

Sec.

147.1 Purpose and scope.

Severability of provisions. 147.2

Subpart B—Alabama

- 147.50 State-administered program—Class II wells.
- 147.51 State-administered program—Class I, III, IV, and V wells. 147.52 State-administered program-Hy-
- draulic Fracturing of Coal Beds.
- 147.60 EPA-administered program—Indian lands.

Subpart C—Alaska

- 147.100 State-administered program—Class II wells.
- 147.101 EPA-administered program.
- 147.102 Aquifer exemptions.
- 147.103 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.104 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

Subpart D—Arizona

- 147.150 State-administered program. [Reserved]
- 147.151 EPA-administered program.
- 147.152 Aquifer exemptions. [Reserved]

Subpart E—Arkansas

- 147.200 State-administered program—Class I, III, IV, and V wells.
- 147.201 State-administered program—Class II wells. [Reserved]

147.205 EPA-administered program—Indian lands.

Subpart F—California

- 147.250 State-administered program—Class II wells.
- 147.251 EPA-administered program—Class I. III, IV, and V wells and Indian lands.
- 147.252 Aquifer exemptions. [Reserved]
- 147.253 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.

Subpart G—Colorado

- 147.300 State-administered program—Class II wells.
- 147.301 EPA-administered program—Class I, III, IV, V wells and Indian lands.
- 147.302 Aquifer exemptions.
- 147.303 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.304 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.
- 147.305 Requirements for all wells.

Subpart H—Connecticut

- 147.350 State-administered program.
- 147.351–147.352 [Reserved]
- 147.353 EPA-administered program—Indian lands
- 147.354-147.359 [Reserved]

Subpart I—Delaware

- 147.400 State-administered program.
- 147.401-147.402 [Reserved]
- 147.403 EPA-administered program—Indian lands.
- 147.404-147.449 [Reserved]

Subpart J—District of Columbia

- 147.450 State-administered program. [Reserved]
- 147.451 EPA-administered program.
- 147.452 Aguifer exemptions. [Reserved]

Subpart K—Florida

- 147.500 State-administered program—Class I, III, IV, and V wells.
- 147.501 EPA-administered program—Class II wells and Indian lands.
- 147.502 Aquifer exemptions. [Reserved] 147.503 Existing Class II (except enhanced recovery and hydrocarbon storage) wells authorized by rule.
- 147.504 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

Subpart L—Georgia

147.550 State-administered program.

Pt. 147

147.551–147.552 [Reserved] 147.553 EPA-administered program—Indian lands.

147.554-147.559 [Reserved]

Subpart M—Hawaii

147.600 State-administered program. [Reserved]

147.601 EPA-administered program.

Subpart N-Idaho

147.650 State-administrative program—Class I, II, III, IV, and V wells.

147.651 EPA-administered program—Indian lands.

147.652 Aquifer exemptions. [Reserved]

Subpart O—Illinois

147.700 State-administered program—Class I, III, IV, and V wells.

147.701 State-administered program—Class II wells.

147.703 EPA-administered program—Indian lands.

Subpart P—Indiana

147.750 State-administered program—Class II wells.

147.751 EPA-administered program.

147.752 Aquifer exemptions. [Reserved]

147.753 Existing Class I and III wells authorized by rule.

Subpart Q—lowa

147.800 State-administered program. [Reserved]

 $147.801 \quad \text{EPA-administered program}.$

147.802 Aquifer exemptions. [Reserved]

Subpart R—Kansas

147.850 State-administered program—Class I, III, IV and V wells.

147.851 State-administered program—Class II wells.

147.852-147.859 [Reserved]

147.860 EPA-administered program—Indian lands.

Subpart S—Kentucky

147.900 State-administered program. [Reserved]

147.901 EPA-administered program.

147.902 Aquifer exemptions. [Reserved]

147.903 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.

147.904 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

147.905 Requirements for all wells—area of review.

40 CFR Ch. I (7-1-05 Edition)

Subpart T—Louisiana

147.950 State-administered program.
 147.951 EPA-administered program—Indian lands

Subpart U-Maine

147.1000 State-administered program.

147.1001 EPA-administered program—Indian lands.

Subpart V—Maryland

147.1050 State-administered program—Class I, II, III, IV, and V wells.

147.1051-147.1052 [Reserved]

147.1053 EPA-administered program—Indian lands.

147.1054-147.1099 [Reserved]

Subpart W—Massachusetts

147.1100 State-administered program.

147.1101 EPA-administered program—Indian lands.

Subpart X—Michigan

147.1150 State-administered program. [Reserved]

147.1151 EPA-administered program.

147.1151 Et A-administered program. 147.1152 Aquifer exemptions. [Reserved]

147.1153 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.

147.1154 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

147.1155 Requirements for all wells.

Subpart Y—Minnesota

147.1200 State-administered program. [Reserved]

147.1201 EPA-administered program.

147.1202 Aquifer exemptions. [Reserved]

147.1210 Requirements for Indian lands.

Subpart Z—Mississippi

147.1250 State-administered program—Class I, III, IV, and V wells.

147.1251 State-administered program—Class II wells.

147.1252 EPA-administered program—Indian lands.

Subpart AA—Missouri

147.1300 State-administered program.

147.1301 State-administered program—Class I, III, IV, and V wells.

147.1302 Aquifer exemptions. [Reserved]

147.1303 EPA-administered program—Indian lands.

Subpart BB—Montana

- 147.1350 State-administered programs-Class II wells
- 147.1351 EPA-administered program.
- 147.1352 Aquifer exemptions.
- 147.1353 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.1354 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.
- 147.1355 Requirements for all wells.
- APPENDIX A TO SUBPART BB OF PART 147-STATE REQUIREMENTS INCORPORATED BY REFERENCE IN SUBPART BB OF PART 147 OF THE CODE OF FEDERAL REGULATIONS.

Subpart CC—Nebraska

- 147.1400 State-administered program—Class II wells.
- 147.1401 State-administered program—Class I, III, IV, and V wells.
- 147.1402 Aquifer exemptions. [Reserved] 147.1403 EPA-administered program—Indian lands.

Subpart DD-Nevada

- 147.1450 State-administered program.
- 147.1451 EPA-administered program—Indian lands.
- 147.1452 Aquifer exemptions. [Reserved]
- 147.1453 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.1454 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

Subpart EE—New Hampshire

147.1500 State-administered program. 147.1501 EPA-administered program—Indian lands.

Subpart FF—New Jersey

- 147.1550 State-administered program.
- 147.1551 EPA-administered program—Indian lands.

Subpart GG—New Mexico

- 147.1600 State-administered program—Class
- 147.1601 State-administered program—Class I, III, IV and V wells.
- 147.1603 EPA-administered program-Indian lands.

Subpart HH—New York

- 147.1650 State-administered program. [Reservedl
- 147.1651 EPA-administered program.
- 147.1652 Aquifer exemptions.

- 147.1653 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.1654 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.
- 147.1655 Requirements for wells authorized by permit.

Subpart II—North Carolina

- 147.1700 State-administered program.
- 147.1701-147.1702 [Reserved]
- 147.1703 EPA-administered program—Indian lands.
- 147.1704-147.1749 [Reserved]

Subpart JJ—North Dakota

- 147.1750 State-administered program—Class II wells.
- 147.1751 State-administered program—Class I, III, IV and V wells.
- 147.1752 EPA-administered program—Indian lands.

Subpart KK—Ohio

- 147.1800 State-administered program—Class II wells.
- 147.1801 State-administered program—Class I, III, IV and V wells.
- 147.1802 Aquifer exemptions. [Reserved]
- 147.1803 Existing Class I and III wells authorized by rule-maximum injection
- 147.1805 EPA-administered program—Indian lands.

Subpart LL—Oklahoma

- 147.1850 State-administered program—Class I, III, IV and V wells.
- 147.1851 State-administered program—Class II wells
- 147.1852 EPA-administered program—Indian lands.

Subpart MM—Oregon

- 147.1900 State-administered program.
- 147.1901 EPA-administered program—Indian lands.

Subpart NN—Pennsylvania

- 147.1950 State-administered program. [Reserved
- 147.1951 EPA-administered program.
- 147.1952 Aguifer exemptions.
- 147.1953 Existing Class I. II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.
- 147.1954 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.
- 147.1955 Requirements for wells authorized by permit.

Pt. 147

Subpart OO—Rhode Island

147.2000 State-administered program—Class I, II, III, IV, and V wells.

 $147.2001 \quad \text{EPA-administered program--Indian} \\ \text{lands.}$

Subpart PP—South Carolina

147.2050 State-administered program.

147.2051 EPA-administered program—Indian lands.

Subpart QQ—South Dakota

147.2100 State-administered program—Class II wells.

147.2101 EPA-administered program—Class I, III, IV and V wells and all wells on Indian lands.

147.2102 Aquifer exemptions.

147.2103 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

147.2104 Requirements for all wells.

Subpart RR—Tennessee

147.2150 State-administered program. [Reserved]

147.2151 EPA-administered program.

147.2152 Aquifer exemptions. [Reserved]

147.2153 Existing Class I, II (except enhanced recovery and hydrocarbon storage) and III wells authorized by rule.

147.2154 Existing Class II enhanced recovery and hydrocarbon storage wells authorized by rule.

147.2155 Requirements for all wells—area of review.

Subpart SS—Texas

147.2200 State-administered program—Class I, III, IV, and V wells.

147.2201 State-administered program—Class II wells.

147.2205 EPA-administered program—Indian lands.

Subpart TT—Utah

147.2250 State-administered program—Class I, III, IV, and V wells.

147.2251 State-administered program—Class II wells.

147.2253 EPA-administered program—Indian lands.

Subpart UU—Vermont

 $147.2300 \quad {\rm State-administered\ program}.$

147.2301-147.2302 [Reserved]

147.2303 EPA-administered program—Indian lands.

147.2304–147.2349 [Reserved]

40 CFR Ch. I (7-1-05 Edition)

Subpart VV—Virginia

147.2350 State-administered program. [Reserved]

147.2351 EPA-administered program.

147.2352 Aquifer exemptions. [Reserved]

Subpart WW—Washington

147.2400 State-administered program—Class I, II, III, IV, and V wells.

147.2403 EPA-administered program—Indian lands.

147.2404 EPA-administered program— Colville Reservation.

Subpart XX—West Virginia

147.2450-147.2452 [Reserved]

147.2453 EPA-administered program—Indian lands.

147.2454-147.2499 [Reserved]

Subpart YY—Wisconsin

147.2500 State-administered program.

147.2510 EPA-administered program—Indian lands.

Subpart ZZ—Wyoming

147.2550 State-administered program—Class I, III, IV, and V wells.

147.2551 State-administered program—Class II wells.

 $147.2553\,$ EPA-administered program—Indian lands.

147.2554 Aquifer exemptions.

147.2555 Aquifer exemptions since January 1, 1999.

Subpart AAA—Guam

147.2600 State-administered program.

147.2601 EPA-administered program—Indian lands.

Subpart BBB—Puerto Rico

147.2650 State-administered program—Class I, II, III, IV, and V wells.

147.2651 EPA-administered program—Indian lands.

Subpart CCC—Virgin Islands

147.2700 State-administered program. [Reserved]

147.2701 EPA-administered program.

Subpart DDD—American Samoa

147.2750 State administered program. [Reserved]

147.2751 EPA-administered program.

147.2752 Aquifer exemptions. [Reserved]

Environmental Protection Agency

Subpart EEE—Commonwealth of the Northern Mariana Islands

147.2800 State-administered program—Class

I, II, III, IV, and V wells.

147.2801 EPA-administered program.

 $147.2802 \quad \text{Aquifer exemptions.} \ [\text{Reserved}]$

Subpart FFF—Trust Territory of the Pacific Islands

147.2850 State-administered program. [Reserved]

147.2851 EPA-administered program.

147.2852 Aquifer exemptions. [Reserved]

Subpart GGG—Osage Mineral Reserve— Class II Wells

147.2901 Applicability and scope.

147.2902 Definitions.

147.2903 Prohibition of unauthorized injection.

147.2904 Area of review.

147.2905 Plugging and abandonment.

147.2906 Emergency permits.

147.2907 Confidentiality of information.

147.2908 Aquifer exemptions.

147.2909 Authorization of existing wells by rule.

147.2910 Duration of authorization by rule.

147.2911 Construction requirements for wells authorized by rule.

147.2912 Operating requirements for wells authorized by rule.

147.2913 Monitoring and reporting requirements for wells authorized by rule.147.2914 Corrective action for wells author-

ized by rule. 147.2915 Requiring a permit for wells au-

thorized by rule. 147.2916 Coverage of permitting require-

ments.

147.2917 Duration of permits.

147.2918 Permit application information.

147.2919 Construction requirements for wells authorized by permit.

147.2920 Operating requirements for wells authorized by permit.

147.2921 Schedule of compliance.

147.2922 Monitoring and reporting requirements for wells authorized by permit.

147.2923 Corrective action for wells authorized by permit.

147.2924 Area permits.

147.2925 Standard permit conditions.

147.2926 Permit transfers.

147.2927 Permit modification.

 $147.2928 \quad \text{Permit termination}.$

147.2929 Administrative permitting procedures.

Subpart HHH—Lands of the Navajo, Ute Mountain Ute, and All Other New Mexico Tribes

147.3000 EPA-administered program.

147 3001 Definition

147.3002 Public notice of permit actions.

147.3003 Aquifer exemptions.

147.3004 Duration of rule authorization for existing Class I and III wells.

147.3005 Radioactive waste injection wells.

147.3006 Injection pressure for existing Class II wells authorized by rule.

147.3007 Application for a permit.

147.3008 Criteria for aquifer exemptions.

147.3009 Area of review.

147.3010 Mechanical integrity tests.

147.3011 Plugging and abandonment of Class III wells.

147.3012 Construction requirements for Class I wells.

147.3013 Information to be considered for Class I wells.

147.3014 Construction requirements for Class III wells.

147.3015 Information to be considered for Class III wells.

 $147.3016\,$ Criteria and standards applicable to Class V wells.

APPENDIX A TO SUBPART HHH OF PART 147— EXEMPTED AQUIFERS IN NEW MEXICO.

Subpart III—Lands of Certain Oklahoma Indian Tribes

147.3100 EPA-administered program.

147.3101 Public notice of permit actions.

147.3102 Plugging and abandonment plans.

147.3103 Fluid seals.

147.3104 Notice of abandonment.

147.3105 Plugging and abandonment report.

147.3106 Area of review.

147.3107 Mechanical integrity.

147.3108 Plugging Class I, II, and III wells.

147.3109 Timing of mechanical integrity test.

AUTHORITY: 42 U.S.C. 300h; and 42 U.S.C. 3901 et sea.

SOURCE: 49 FR 20197, May 11, 1984, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 147 appear at 69 FR 18803, Apr. 9, 2004.

Subpart A—General Provisions

§147.1 Purpose and scope.

(a) This part sets forth the applicable Underground Injection Control (UIC) programs for each of the states, territories, and possessions identified pursuant to the Safe Drinking Water Act (SDWA) as needing a UIC program.

(b) The applicable UIC program for a State is either a State-administered program approved by EPA, or a federally-administered program promulgated by EPA. In some cases, the UIC

§ 147.2

program may consist of a State-administered program applicable to some classes of wells and a federally-administered program applicable to other classes of wells. Approval of a State program is based upon a determination by the Administrator that the program meets the requirements of section 1422 or section 1425 of the Safe Drinking Water Act and the applicable provisions of parts 124, 144, and 146 of this chapter. A federally-administered program is promulgated in those instances where the state has failed to submit a program for approval or where the submitted program does not meet the minimum statutory and regulatory requirements.

(c) In the case of State programs approved by EPA pursuant to section 1422 of the SDWA, each State subpart describes the major elements of such programs, including State statutes and regulations, Statement of Legal Authority, Memorandum of Agreement, and Program Description. State statutes and regulations that contain standards, requirements, and procedures applicable to owners or operators have been incorporated by reference pursuant to regulations of the Office of the Federal Register. Material incorporated by reference is available for inspection in the appropriate EPA Regional Office, in EPA Headquarters, and at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or to: http://www.archives.gov/ 90 federal register/

 $code_of_federal_regulations$

ibr locations.html. Other State statutes and regulations containing standards and procedures that constitute elements of the State program but do not apply directly to owners or operators have been listed but have not been incorporated by reference.

- (d) In the case of State programs promulgated under section 1422 that are to be administered by EPA, the State subpart makes applicable the provisions of parts 124, 144, and 146, and provides additional requirements pertinent to the specific State program.
- (e) Regulatory provisions incorporated by reference (in the case of approved State programs) or promulgated

by EPA (in the case of EPA-administered programs), and all permit conditions or permit denials issued pursuant to such regulations, are enforceable by the Administrator pursuant to section 1423 of the SDWA.

(f) The information requirements located in the following sections have been cleared by the Office of Management and Budget: Sections 147.104, 147.304, 147.754, 147.904, 147.1154, 147.1354, 147.1454, 147.1654, 147.1954, and 147.2154.

The OMB clearance number is No. 2040–0042.

§ 147.2 Severability of provisions.

The provisions in this part and the various applications thereof are distinct and severable. If any provision of this part or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or application of such provision to other persons or circumstances which can be given effect without the invalid provision or application.

Subpart B—Alabama

§ 147.50 State-administered program— Class II wells.

The UIC program for Class II wells in the State of Alabama, except those on Indian lands, is the program administered by the State Oil and Gas Board of Alabama, approved by EPA pursuant to section 1425 of the SDWA. Notice of this approval was published in the FEDERAL REGISTER on August 2, 1982 (47 FR 33268); the effective date of this program is August 2, 1982. This program consists of the following elements, as submitted to EPA in the State's program application:

- (a) Incorporation by reference. The requirements set forth in the State statutes and regulations cited in this paragraph are hereby incorporated by reference and made a part of the applicable UIC program under the SDWA for the State of Alabama. This incorporation by reference was approved by the Director of the Federal Register on June 25, 1984.
- (1) Code of Alabama Sections 9-17-1 through 9-17-109 (Cumm. Supp. 1989);
- (2) State Oil and Gas Board of Alabama Administrative Code, Oil and Gas