

§§ 52.2626–52.2629

40 CFR Ch. I (7–1–19 Edition)

§§ 52.2626–52.2629 [Reserved]

§ 52.2630 Prevention of significant deterioration of air quality.

(a) The Wyoming plan, as submitted, is approved as meeting the requirements of Part C of the Clean Air Act except that designation of the Savage Run Wilderness Area, as established in Pub. L. 95–237, from Class II to Class I is disapproved.

(b) Regulation for preventing significant deterioration of air quality. The Wyoming plan, as submitted, does not apply to certain sources in the State. Therefore, the provisions of §52.21 except paragraph (a)(1) are hereby incorporated and made a part of the State implementation plan for the State of Wyoming and are applicable to the following proposed major stationary sources or major modifications:

(1) Sources proposing to construct on Indian Reservations in Wyoming; and

(2) Sources that received an air quality permit from the Wyoming State Department of Environmental Quality prior to September 6, 1979.

(c) The State of Wyoming has clarified the generalized language contained in section 24 of the Wyoming Air Quality Standards and Regulations on the use of the “Guidelines for Air Quality Models.” In a letter to Douglas M. Skie, EPA, dated May 18, 1989, Charles A. Collins, Administrator of the Air Quality Divisions stated:

* * * The Division, will, as a matter of practice, utilize the “Guideline on Air Quality Models” as revised, including Supplement A, in all PSD permit application reviews. The Division will utilize any future revisions to the Guideline in PSD permitting reviews as revisions become effective.

[44 FR 51979, Sept. 6, 1979, as amended at 54 FR 27881, July 3, 1989; 68 FR 11324, Mar. 10, 2003; 68 FR 74491, Dec. 24, 2003]

§ 52.2631 [Reserved]

§ 52.2632 Visibility protection. [Reserved]

§ 52.2633 Stack height regulations.

In a letter dated December 9, 1988, to Douglas M. Skie, EPA, from Charles A. Collins, Administrator of The Air Quality Division, the State committed to conduct stack height evaluations in accordance with the “Guideline for De-

termination of Good Engineering Practice Stack Height (Technical Support Document for the Stack Height Regulations)”, EPA 450/4–80–023R, June 1985.

[54 FR 11188, Mar. 17, 1989]

§ 52.2634 Correction of approved plan.

The following rules of the Wyoming Air Quality Standards and Regulations have been removed from the approved plan pursuant to section 110(k)(6) of the Clean Air Act (as amended in 1990): Section 7, Hydrogen Sulfide; Section 11, Fluorides; and Section 16, Odors.

[61 FR 47059, Sept. 6, 1996]

§ 52.2635 Original identification of plan section.

(a) This section identifies the original “Air Implementation Plan for the State of Wyoming” and all revisions submitted by Wyoming that were federally approved prior to August 31, 2006.

(b) The plan was officially submitted on January 26, 1972.

(c) The plan revisions listed below were submitted on the dates specified.

(1) Compliance schedule information in three plants submitted March 28, 1972, by the Department of Health and Social Services (DHSS). (Non-regulatory.)

(2) Procedural clarification to emergency episodes plan submitted May 3, 1972, by DHSS.

(3) Particulate compliance schedules submitted February 9, 1973, by DHSS.

(4) Emergency episode plan submitted February 27, 1973, by DHSS. (Non-regulatory).

(5) Compliance schedules submitted on March 1, 1973, by DHSS.

(6) Revision of Wyoming’s Standards and Regulations (Chapter I, Section 1–20) submitted April 18, 1973, by DHSS.

(7) Revision of particulate control strategy to require compliance with particulate standards not later than January 31, 1974, except where approved by EPA and compliance schedule portions of the plan submitted May 29, 1973, by DHSS.

(8) Compliance schedule revisions, legal authority additions, update of Wyoming’s Air Quality Standards and Regulations, non-regulatory source surveillance and new source review

Environmental Protection Agency

§ 52.2635

procedures submitted on August 7, 1974, by the Governor.

(9) Legal authority additions and compliance schedule revisions submitted on February 19, 1976, by the Governor.

(10) Requirements for continuous opacity monitoring by all fossil fuel fired steam generators with heat inputs in excess of 250 million Btu per hour and other miscellaneous revisions to the State regulations as submitted by the Air Quality Division (AQD) on May 9, 1978.

(11) Provisions to meet the requirements of Parts C and D and sections 110, 126, and 127 of the Clean Air Act, as amended in 1977 were submitted on January 26, 1979.

(12) A revision to Section 14 of the Wyoming Air Quality Standards and Regulations was submitted on July 18, 1980, and October 27, 1980.

(13) On August 26, 1981 and August 27, 1981, Wyoming submitted revisions to the requirements for Prevention of Significant Deterioration, the Air Quality Monitoring Plan, revisions to the Emergency Episode Contingency Plan, and revisions to stationary source permitting regulations.

(14) Revisions to the new source permit requirements in Sections 21 and 24 of the Wyoming regulations were submitted on April 30, 1981, and February 8, 1982.

(15) On August 30, 1984, the State of Wyoming submitted a plan revision for lead.

(16) Revisions to the new source permit requirements in sections 21 and 24 of the Wyoming regulation for visibility protection were submitted on April 12, 1985.

(i) Incorporation by reference.

(A) Letter from Randolph Wood, Administrator, Wyoming Air Quality Division, dated April 12, 1985, submitting the Wyoming Visibility SIP and Regulations.

(B)(1) Wyoming Air Quality Standards and Regulations (WAQSR), Section 21.n. (1) and (2) adopted on January 22, 1985.

(2) WAQSR, Section 24.b.(1)(f) adopted on January 22, 1985.

(3) WAQSR, Section 24.b.(6) (a) and (b) revised and adopted on January 22, 1985.

(17) A revision to the SIP was submitted by the Administrator of the Wyoming Air Quality Division on September 6, 1988, for visibility general plan requirements, monitoring, and long-term strategies.

(i) Incorporation by reference.

(A) Letter dated September 6, 1988, Charles A. Collins, Administrator of the Wyoming Air Quality Division, submitting a SIP revision for visibility protection.

(B) The SIP revision for visibility protection, "Section 28 *Visibility*" of the Wyoming Air Quality Standards and Regulations, and "Wyoming State Implementation Plan for Class I Visibility Protection" was adopted by the Wyoming Environmental Quality Council on March 23, 1988, and became effective on May 10, 1988.

(18) On September 6, 1988, the Administrator of the Air Quality Division, as the Governor's designee, submitted a plan revising the stack height regulations, Wyoming Air Quality Standards and Regulations (WAQSR) section 21(d).

(i) Incorporation by reference.

(A) Revisions to the Wyoming Air Quality Standards and Regulation section 21(d), stack heights, were adopted and effective on May 10, 1988.

(19) In a letter dated August 5, 1986, the Administrator of the Air Quality Division of Wyoming, submitted the stack height demonstration analysis. EPA is approving the demonstration analysis for all of the stacks.

(i) Incorporation by reference.

(A) Stack height demonstration analysis submitted by the State in a letter dated August 5, 1986.

(20) A revision to the SIP was submitted by the Administrator of the Wyoming Air Quality Division on March 14, 1989, to address the Group III PM-10 SIP requirements and Group II PM-10 SIP requirements for Lander, Wyoming.

(i) Incorporation by reference.

(A) Amendments to the Wyoming Air Quality Standards and Regulations: section 2 (Definitions) (a)(xxx), section 3 (Ambient Standards for Particulate Matter) (a), section 20 (Air Pollution Emergency Episodes) (b)(ii), section 21 (Permit Requirements for Construction, Modification, and Operation)

(c)(ii) and section 24 (Prevention of Significant Deterioration) (a)(xx)(A), (b)(i)(E)(VI)(1)(c)(f)(h.) & (1.), (b)(iii), (b)(iv), (b)(viii), and (b)(xii)(D)(E)(F) & (G), effective February 13, 1989.

(B) March 14, 1989 letter from Charles A. Collins, Administrator of the Wyoming Air Quality Division to James J. Scherer, EPA Region VIII Regional Administrator, identifying the effective date of the above regulation amendments.

(21) On November 20, 1990, the Governor of Wyoming submitted revisions to the plan. The revisions include amendments to the prevention of significant deterioration of air quality (PSD) regulations to incorporate the nitrogen dioxide (NO₂) increments, revisions to the new source review requirements and PSD regulations to make them federally enforceable, and revisions to the PSD regulations to allow establishment of multiple baseline areas which may have different baseline dates and different baseline concentrations.

(i) Incorporation by reference.

(A) Revisions to the Wyoming Air Quality Standards and Regulations, Section 2, *Definitions*, Section 21, *Permit Requirements for Construction, Modification, and Operation*, and Section 24, *Prevention of Significant Deterioration*, effective October 30, 1990.

(ii) Additional material.

(A) November 5, 1990, letter from Douglas Skie, EPA, to Charles A. Collins, Administrator, Air Quality Division, Wyoming Department of Environmental Quality.

(22) On September 6, 1988, the Governor of Wyoming submitted revisions to Section 3 of the Wyoming Air Quality Standards and Regulations, adding subsection (d) which defines "ambient air" for surface coal mines located in Wyoming's Powder River Basin.

(i) Incorporation by reference.

(A) Revisions to Section 3(d) of the Wyoming Air Quality Standards and Regulations, effective June 5, 1987.

(ii) Additional material.

(A) Memorandum of Agreement signed on December 22, 1993 by Dennis Hemmer, Director, Department of Environmental Quality, State of Wyoming, and on January 24, 1994 by Patri-

cia D. Hull, Director, Air, Radiation and Toxics Division, EPA Region VIII.

(23) On November 1, 1993, the Governor of Wyoming submitted a plan for the establishment and implementation of a Small Business Assistance Program to be incorporated into the Wyoming State Implementation Plan as required by section 507 of the Clean Air Act.

(i) Incorporation by reference.

(A) November 1, 1993, letter from the Governor of Wyoming submitting a Small Business Assistance Program plan to EPA.

(B) The State of Wyoming plan for the establishment and implementation of a Small Business Assistance Program, adopted September 16, 1993, by the Wyoming Environmental Quality Council.

(24) On August 28, 1989, the Governor of Wyoming submitted revisions to the Wyoming State implementation plan (SIP) for Sheridan, Wyoming. In addition to the original August 28 submittal, eight submittals containing information in response to EPA requests and to the new Clean Air Act Amendments were submitted. The August 28, 1989, submittal, in combination with the eight subsequent submittals, satisfy those moderate PM₁₀ nonattainment SIP requirements due on November 15, 1991. Included in the August 28, 1989, submittal were PM₁₀ contingency measures for Sheridan to satisfy the requirements of section 172(c)(9) of the Act that were due by November 15, 1993.

(i) Incorporation by reference.

(A) "The City of Sheridan, Air Quality Maintenance Plan," including the Street Winter Maintenance Plan and the contingency plan calling for the use of deicing chemicals on downtown streets, adopted on February 21, 1989.

(ii) Additional material.

(A) Letter dated November 21, 1989, from the Wyoming Department of Environmental Quality to EPA which includes a memorandum dated November 15, 1989 from the Wyoming Attorney General's Office to the Wyoming Department of Environmental Quality; the memorandum includes Wyoming Statute 35-11-201.

(25) On November 12, 1993, the Governor of Wyoming submitted revisions

to the Wyoming State Implementation Plan (SIP). Specifically, the State submitted revisions to the Wyoming Air Quality Standards and Regulations (WAQSR), section 21 "Permit requirements for construction, modification and operation." Among other things, these revisions were made to address the non-attainment New Source Review (NSR) provisions of part D of the Act for PM₁₀ nonattainment areas, which were due to EPA on June 30, 1992.

(i) Incorporation by reference.

(A) The following subsections of section 21 of the Wyoming Air Quality Standards and Regulations "Permit requirements for construction, modification and operation," adopted on September 16, 1993 and effective October 26, 1993: subsections (a)(ii), (a)(iii), (a)(v), (c)(ii)(B), (k)(vii) and (o).

(ii) Additional material.

(A) Letter from Mary A. Throne, Assistant Attorney General, to the Governor of Wyoming, dated October 1, 1993, documenting the necessary legal authority under state law to adopt and implement the revised regulation.

(26) On March 14, 1995, the Governor of Wyoming submitted revisions to the prevention of significant deterioration permitting regulations in Section 24 of the Wyoming Air Quality Standards to incorporate changes in the Federal PSD permitting regulations for utility pollution control projects, PM-10 increments, and to make other minor changes.

(i) Incorporation by reference.

(A) Revisions to Section 24 of the Wyoming Air Quality Standards, subsections (a)(ix)(B), (a)(x)(H)-(K), (a)(xii)(D), (a)(xv), (a)(xix)(D) and (E), (a)(xxviii)-(xxxv), (b)(i)(A)(I), (b)(i)(E)(VI)(1), (b)(viii), and (b)(xii)(I), effective 2/13/95.

(27) On September 15, 1982, the Administrator of the Wyoming Air Quality Division submitted clarifications and revisions to the particulate matter control requirements of Section 25 of the Wyoming Air Quality Standards and Regulations (WAQSR) for FMC Corporation in the Trona Industrial Area. In addition, on May 16, 1985, the Administrator of the Wyoming Air Quality Division submitted revisions to the construction permitting require-

ments in Section 21 of the WAQSR to specify guidelines for best available control technology for new large mining operations. The Governor of Wyoming submitted revisions to Section 21 of the WAQSR, "Permit requirements for construction, modification, and operation," on November 12, 1993. Last, the Governor of Wyoming submitted revisions to Section 24 of the WAQSR, "Prevention of Significant Deterioration," on March 14, 1995.

(i) Incorporation by reference.

(A) Revisions to Section 25 of the WAQSR, "Sweetwater County Non-Attainment Area Particulate Matter Regulations," subsection c.(2), effective September 13, 1982.

(B) Revisions to Section 21 of the WAQSR, "Permit requirements for construction, modification, and operation," subsection c.(5), effective May 10, 1985.

(C) Revisions to Section 21 of the WAQSR, "Permit requirements for construction, modification, and operation," subsection (a)(iv), effective October 26, 1993.

(D) Revisions to Section 24 of the WAQSR, "Prevention of Significant Deterioration," subsections (a)(xix), (b)(iv), and (b)(xii)(H), effective February 13, 1995.

(28) On March 14, 1995, the Governor of Wyoming submitted revisions to the SIP that incorporate the General Conformity requirements of 40 CFR part 93, Subpart B into State regulation.

(i) Incorporation by reference.

(A) Section 32 of the Wyoming Air Quality Standards, "Conformity of General Federal Actions to State Implementation Plans," effective February 13, 1995.

(29) The Governor of Wyoming submitted revisions to sections 2, 4, 5, 8, 9, 10, 14, and 21 of the Wyoming Air Quality Standards and Regulations (WAQSR) on May 21, 1999.

(i) Incorporation by reference.

(A) Revisions to the WAQSR, section 2 Definitions, subsection 2(a)(xxx)(B) excluding the words "or an equivalent or alternative method approved by the Administrator," effective October 15, 1998.

(B) Revisions to the WAQSR, section 4 Sulfur oxides, subsection 4(h) excluding the words “or an equivalent method,” effective October 15, 1998.

(C) Revisions to the WAQSR, section 5 Sulfuric acid mist excluding the words “or an equivalent method,” effective October 15, 1998.

(D) Revisions to the WAQSR, section 8 Ozone, effective October 15, 1998.

(E) Revisions to the WAQSR, section 9 Volatile organic compounds, effective October 15, 1998.

(F) Revisions to the WAQSR, section 10 Nitrogen oxides, subsections 10(b), 10(b)(vii), 10(b)(viii), and 10(b)(ix), excluding the words “or by an equivalent method” in subsection 10(b), effective October 15, 1998.

(G) Revisions to the WAQSR, section 14 Control of particulate emissions, subsection 14(h)(iv) excluding the sentence, “Provided that the Administrator may require that variations to said methods be included or that entirely different methods be utilized if he determines that such variations or different methods are necessary in order for the test data to reflect the actual emission rate of particulate matter,” effective October 15, 1998.

(H) Revisions to the WAQSR, section 21 Permit requirements for construction, modification and operation, subsections 21(a)(vi) and 21(h), effective October 15, 1998.

(ii) Additional material.

(A) September 1, 1998 letter from Dan Olson, Administrator, Wyoming Air Quality Division, to Richard R. Long, Director, Air and Radiation Program, EPA Region 8.

(B) June 23, 2000 letter from Dan Olson, Administrator, Wyoming Air Quality Division, to Richard R. Long, Program Manager, Air and Radiation, EPA Region VIII.

(30) On September 12, 2003, the Governor of Wyoming submitted a revision to the State Implementation Plan. The revision restructures the Wyoming Air Quality Standards and Regulations (WAQS&R) from a single chapter into thirteen separate chapters and renumbers the provisions within each chapter. The submitted revision contains no substantive changes to the existing SIP-approved regulations. The provisions listed in paragraph (c)(30)(i)(A)

are approved into the SIP and supersede and replace the prior codification of the corresponding provisions of the SIP.

(i) Incorporation by reference.

(A) Wyoming Air Quality Standards and Regulations: Chapter 1: Section 2—Authority, Section 3—Definitions, Section 4—Diluting and concealing emissions, Section 5—Abnormal conditions and equipment malfunction; Chapter 2: Section 2—Ambient standards for particulate matter, paragraphs 2(a) and 2(c) only, Section 3—Ambient standards for nitrogen oxides, Section 4—Ambient standards for sulfur oxides, Section 5—Ambient standards for carbon monoxide, Section 6—Ambient standards for ozone, Section 8—Ambient standard for suspended sulfates, Section 10—Ambient standards for lead; Chapter 3: Section 2—Emission standards for particulate matter, Section 3—Emission standards for nitrogen oxides, Section 4—Emission standards for sulfur oxides, Section 5—Emission standards for carbon monoxide, Section 6—Emission standards for volatile organic compounds; Chapter 4: Section 2—Existing sulfuric acid production units, Section 3—Existing nitric acid manufacturing plants; Chapter 6: Section 2—Permit requirements for construction, modification and operation, Section 4—Prevention of significant deterioration; Chapter 7: Section 2—Continuous monitoring requirements for existing sources; Chapter 8: Section 2—Sweetwater County particulate matter regulations, Section 3—Conformity of general federal actions to state implementation plans; Chapter 9: Section 2—Visibility; Chapter 10: Section 2—Open burning restrictions, Section 3—Wood waste burners; Chapter 12: Section 2—Air pollution emergency episodes; Chapter 13: Section 2—Motor vehicle pollution control; all adopted September 13, 1999 and effective October 29, 1999.

(ii) Additional Material.

(A) Remainder of the September 12, 2003 State submittal.

(B) January 12, 2004 letter from Dan Olson, Wyoming Department of Environmental Quality (DEQ), to Richard Long, EPA Region VIII, to address typographical errors and incorrect cross

references identified in the September 12, 2003 submittal.

(C) March 22, 2004 letter from Richard Long, EPA Region VIII, to John Corra, Wyoming DEQ, requesting clarification on the State's commitment to submit substantive SIP revisions following EPA's approval of the restructured and renumbered WAQS&R provisions. In this letter, EPA also asked DEQ to indicate time frames in which DEQ would submit substantive SIP revisions.

(D) March 29, 2004 letter from John Corra, Wyoming DEQ, to Richard Long, EPA Region VIII, addressing the concerns expressed in Mr. Long's March 22, 2004 letter.

[37 FR 10903, May 31, 1972. Redesignated at 71 FR 64462, Nov. 2, 2006]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 52.2635, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.

§ 52.2636 Implementation plan for regional haze.

(a) *Applicability.* (1) This section applies to each owner and operator of the following emissions units in the State of Wyoming for which EPA approved the State's BART determination:

(i) FMC Westvaco Trona Plant Units NS-1A and NS-1B (PM and NO_x);

(ii) TATA Chemicals Partners (previously General Chemical) Boilers C and D (PM and NO_x);

(iii) Basin Electric Power Cooperative Laramie River Station Units 1, 2, and 3 (PM);

(iv) PacifiCorp Dave Johnston Power Plant Unit 3 (PM);

(v) PacifiCorp Dave Johnston Power Plant Unit 4 (PM and NO_x);

(vi) PacifiCorp Jim Bridger Power Plant Units 1, 2, 3, and 4 (PM and NO_x);

(vii) PacifiCorp Naughton Power Plant Units 1 and 2 (PM and NO_x); and

(viii) PacifiCorp Wyodak Power Plant Unit 1 (PM).

(2) This section also applies to each owner and operator of the following emissions units in the State of Wyoming for which the EPA disapproved the State's BART determination and issued a SO₂ and/or NO_x BART Federal Implementation Plan:

(i) Basin Electric Power Cooperative Laramie River Station Units 1, 2, and 3;

(ii) PacifiCorp Dave Johnston Unit 3; and

(iii) PacifiCorp Wyodak Power Plant Unit 1.

(b) *Definitions.* Terms not defined below shall have the meaning given them in the Clean Air Act or EPA's regulations implementing the Clean Air Act. For purposes of this section:

(1) *BART* means Best Available Retrofit Technology.

(2) *BART unit* means any unit subject to a Regional Haze emission limit in Table 1 and Table 2 of this section.

(3) *CAM* means Compliance Assurance Monitoring as required by 40 CFR part 64.

(4) *Continuous emission monitoring system* or *CEMS* means the equipment required by this section to sample, analyze, measure, and provide, by means of readings recorded at least once every 15 minutes (using an automated data acquisition and handling system (DAHS)), a permanent record of SO₂ and/or NO_x emissions, diluent, or stack gas volumetric flow rate.

(5) *FIP* means Federal Implementation Plan.

(6) The term *lb/hr* means pounds per hour.

(7) The term *lb/MMBtu* means pounds per million British thermal units of heat input to the fuel-burning unit.

(8) *NO_x* means nitrogen oxides.

(9) *Operating day* means a 24-hour period between 12 midnight and the following midnight during which any fuel is combusted at any time in the BART unit. It is not necessary for fuel to be combusted for the entire 24-hour period.

(10) The *owner/operator* means any person who owns or who operates, controls, or supervises a unit identified in paragraph (a) of this section.

(11) *PM* means filterable total particulate matter.

(12) *SO₂* means sulfur dioxide.

(13) *Unit* means any of the units identified in paragraph (a) of this section.

(c) *Emissions limitations.* (1) The owners/operators of emissions units subject to this section shall not emit, or cause to be emitted, PM, NO_x, or SO₂ in excess of the following limitations: