

US EPA ARCHIVE DOCUMENT

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 51, 52, 260 and 266

[AH-FRL-4672-7, Docket No. A-88-04]

Requirements for Preparation, Adoption, and Submittal of Implementation Plans

AGENCY: U.S. Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The "Guideline on Air Quality Models (Revised)" (hereinafter, the "Guideline"), as modified by supplement A (1987), sets forth air quality models and guidance for estimating ambient air concentrations due to sources of air pollutants. The Guideline is presently incorporated by reference into the prevention of significant deterioration (PSD) regulations under the Clean Air Act. On February 13, 1991, EPA issued a Notice of Proposed Rulemaking (NPR) to further clarify and update the Guideline, as well as to augment the Guideline with several new modeling techniques, and to codify the Guideline for all air quality planning purposes. Today EPA takes final action in order to add new models to the Guideline and improve existing models. In addition, this action amends the CFR to incorporate supplement B as codified text, as well as giving regulatory status to long-standing EPA policy regarding the use of air quality models for other regulatory programs. Therefore, EPA is setting out the Guideline, revised by supplements A and B, as appendix W to 40 CFR part 51. Adoption of these new and refined modeling techniques and associated guidance should significantly improve the technical basis for impact assessment of air pollution sources.

EFFECTIVE DATE: This rule is effective August 19, 1993.

FOR FURTHER INFORMATION CONTACT: Joseph A. Tikvart, Chief, Source Receptor Analysis Branch, Office of Air Quality Planning and Standards (MD-14), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711; Telephone (919) 541-5562 or C. Thomas Coulter, (919) 541-0832.

ADDRESSES: Docket Statement: All documents relevant to this rule have been placed in Docket No. A-88-04, located in the Central Docket Section, Room M1500 (First Floor, Waterside Mall), U.S. Environmental Protection Agency, 401 M Street SW., Washington, DC

20460. This docket is available for public inspection and copying from 8:30-12 a.m. and 1:30-3:30 p.m., Monday through Friday. A reasonable fee may be charged for copying.

Document Availability: The new modeling techniques are incorporated as supplement B (1993) to the Guideline. Supplement B may be obtained by downloading a text file from the SCRAM (Support Center for Regulatory Air Models) electronic bulletin board system by dialing in on (919) 541-5742. Supplement B may also be obtained upon written request from the Source Receptor Analysis Branch, U.S. Environmental Protection Agency (MD-14), Research Triangle Park, NC 27711. The "Guideline on Air Quality Models (Revised)" (1986), supplement A (1987), and supplement B (1993) are for sale from the U.S. Department of Commerce, Technical Information Service (NTIS), 5825 Port Royal Road, Springfield, VA 22161. These documents are also available for inspection at each of the ten EPA Regional Offices and at the EPA library at 401 M Street SW, Washington, DC.

>>>> Preamble has not been included in this file. <<<<

>>>> Part 52 has not been included because it is not required as part of a State's Hazardous Waste Program. <<<<

PART 260-HAZARDOUS WASTE MANAGEMENT SYSTEM, GENERAL

1. The authority citation for part 260 continues to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), 6921-6927, 6930, 6934, 6935, 6937, 6938, 6939, and 6974.

§ 260.11 [Amended]

2. Section 260.11 is amended by revising the last reference in paragraph (a) to read as follows:

§ 260.11 References.

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"Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised", October 1992, EPA Publication No. EPA-450/R-92-019, Environmental Protection Agency, Research Triangle Park, NC.

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PART 266-STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

1. The authority citation for part 266 is revised to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), 6924, and 6934.

Appendix X - [Removed]

2. Part 266 is amended by removing appendix X.

3. Section 266.104 is amended by revising paragraph (e)(3) to read as follows:

§ 266.104 Standards to control organic emissions.

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(e) * * *

(3) Conduct dispersion modeling using methods recommended in appendix W of part 51 of this chapter ("Guideline on Air Quality Models (Revised)" (1986) and its supplements), the "Hazardous Waste Combustion Air Quality Screening Procedure", provided in appendix IX of this part, or in Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised (incorporated by reference in § 260.11) to predict the maximum annual average off-site ground level concentration of 2,3,7,8-TCDD equivalents determined under paragraph (e)(2) of this section. The maximum annual average concentration must be used when a person resides on-site; and

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4. Section 266.106 is amended by revising paragraph (h) to read as follows:

§ 266.106 Standards to control metals emissions.

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(h) Dispersion Modeling. Dispersion modeling required under this section shall be conducted according to methods recommended in appendix W of part 51 of this chapter ("Guideline on Air Quality Models (Revised)" (1986) and its supplements), the "Hazardous Waste Combustion Air Quality Screening Procedure", provided in appendix IX of this part, or in Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised (incorporated by reference in § 260.11) to predict the maximum annual average off-site ground level concentration. However, on-site concentrations must be considered when a person resides on-site.

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[FR Doc. 93-16867 Filed 7-19-93; 8:45 am]
BILLING CODE 6560-50-P