APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Air Pollution Control Board

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February 26, 2009

NOTICE OF WORKSHOP

TO DISCUSS PROPOSED AMENDMENTS TO REGULATION X TO INCORPORATE BY REFERENCE CURRENT VERSIONS OF FEDERAL NEW SOURCE PERFORMANCE STANDARDS (NSPS)

SUBPART Db - STANDARDS OF PERFORMANCE FOR INDUSTRIAL-COMMERCIAL-INSTITUTIONAL STEAM GENERATING UNITS

SUBPART Dc - STANDARDS OF PERFORMANCE FOR SMALL INDUSTRIAL-COMMERCIAL-INSTITUTIONAL STEAM GENERATING UNITS

The San Diego County Air Pollution Control District (District) will hold a public meeting to consider comments concerning proposed amendments to Regulation X (Standards of Performance for New Stationary Sources) to repeal outdated federal versions and incorporate, by reference, current federal versions of New Source Performance Standards (NSPS) for utility boilers – Subparts Db and Dc. Comments addressing this proposal may be submitted in writing before, or made at, the workshop, which is scheduled as follows:

DATE: **Thursday, April 16, 2009**

TIME: **1:30 p.m. – 3:30 p.m.**

PLACE: **San Diego County Air Pollution Control District**
Main Conference Room
10124 Old Grove Road
San Diego, CA 92131

Under the Federal Clean Air Act, the U.S. Environmental Protection Agency (EPA) is required to establish, and periodically update, NSPS to ensure that emissions from newly built or reconstructed facilities throughout the country meet specified limits. The NSPS are contained as Subparts of Title 40, Chapter 1, Part 60, of the Code of Federal Regulations. EPA may delegate primary implementation and enforcement authority to air districts that have locally adopted the federal NSPS. Accordingly, after a new or amended NSPS is promulgated by EPA, the District amends Regulation X (Standards of Performance for New Stationary Sources) to incorporate the new or amended Subpart by reference. The District then requests and routinely receives delegated authority to implement and enforce the NSPS.

NSPS Subpart Db applies to industrial, commercial and institutional steam generating units with a heat input capacity greater than 29 megawatts (100 million British Thermal Units per hour, (Btu/hr)) for which construction, reconstruction or modification began after June 19, 1984.

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Subpart Dc applies to smaller units with a heat input capacity between 2.9 and 29 megawatts (10 and 100 MM Btu/hr), inclusive, and for which construction, reconstruction or modification began after June 9, 1989.

NSPS Subparts Db and Dc contain emission standards for particulate matter (PM) and sulfur dioxide (SO_2). Subpart Db also controls emissions of oxides of nitrogen (NOx). Both subparts contain requirements for monitoring of emission rates and fuel usage, recordkeeping and reporting, specify test methods and procedures and provide definitions of major terms used.

The existing versions of Subparts Db and Dc of the District's Regulation X were adopted in 2001 and 1997, respectively. Since then, both Subparts were amended by EPA several times and the District versions are now outdated. Therefore, the District proposes amending Regulation X to repeal the older versions and incorporate, by reference, the current federal Subparts Db and Dc. EPA's recent amendments are summarized below.

NSPS SUBPART Db Amendments

EPA amended NSPS Subpart Db in 2000, 2004, 2006, and 2007 to accomplish the following:

- Exempt duct burners in combined cycle turbines from continuous emission monitoring.
- Reduce the SO_2 and PM emission limits applicable to units for which construction, modification or reconstruction began after February 28, 2005.
- Provide a new definition for "very low sulfur oil" for such units as containing not more than 0.3 weight percent sulfur. For units manufactured on or before February 2005, "very low sulfur oil" means oil fuel that contains not more than 0.5 wt. percent of sulfur.
- Specify that units burning only gaseous or oil fuels that contain not more than 0.3% of sulfur may demonstrate compliance with PM and SO_2 standards by maintaining records of supplier certifications of sulfur content of the fuels burned.
- Clarify some definitions and incorporate the most recent American Society for Testing and Materials (ASTM) test methods.

NSPS SUBPART Dc Amendments

EPA amended NSPS Subpart Dc in 1999, 2000, 2006, and 2007, to accomplish the following:

- Reduce the SO_2 and PM emission limits applicable to units for which construction, modification or reconstruction began after February 28, 2005.
- Allow owners or operators of units fired only on natural gas or low sulfur oil with less than 0.5 wt. percent of sulfur to comply with the SO_2 and/or PM emission limits by keeping fuel suppliers certificates for the fuels used. These certificates must contain data specified in the Subpart.
- Simplify recordkeeping and reporting requirements.
- Update references to ASTM testing methods and clarify several definitions.

Upon adoption by the Air Pollution Control Board, the District will petition EPA for delegation of authority to implement and enforce the current federal versions of Subparts Db and Dc.

If you would like a copy of the current federal versions of Subpart Db or Dc, please visit the District's Website at www.sdapcd.org, under Rules & Regulations, Public Workshops Schedule, or you may call Janet McCue at (858) 586-2712. If you have any questions concerning this proposal, please contact Natalie Yates at (858) 586-2756 or Robert Reider at (858) 586-2640.

Rosa Mª Abreu

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