



Air Pollution Control Board

Greg Cox	District 1
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Pam Slater	District 3
Ron Roberts	District 4
Bill Horn	District 5

NOTICE OF WORKSHOP

**FOR DISCUSSION OF PROPOSED AMENDMENTS TO
RULE 69.3 - STATIONARY GAS TURBINE ENGINES – REASONABLY
AVAILABLE CONTROL TECHNOLOGY**

The San Diego County Air Pollution Control District will hold a public meeting to consider comments concerning proposed amendments to District Rule 69.3 – Stationary Gas Turbine Engines – Reasonably Available Control Technology. Comments may be submitted in writing before, or made at, the workshop, which is scheduled as follows:

DATE: Monday, June 16, 2003
TIME: 1:30 p.m. to 3:30 p.m.
**PLACE: San Diego Air Pollution Control District
Conference Room 139
9150 Chesapeake Drive
San Diego, CA 92123**

Rule 69.3 regulates emissions of oxides of nitrogen (NO_x) from stationary gas turbine engines with a power rating of 0.3 megawatt (MW) or greater. NO_x react in the atmosphere with organic compounds to form photochemical smog. The rule, first adopted in 1994, implements Reasonably Available Control Technology (RACT) mandated by the Federal Clean Air Act. It was approved by the Environmental Protection Agency (EPA) and included in the State Implementation Plan (SIP).

In December 1998, the District adopted new Rule 69.3.1 (Stationary Gas Turbine Engines – Best Available Retrofit Control Technology (BARCT)) to comply with the California Clean Air Act. At the same time, Rule 69.3 was amended to ensure consistency with Rule 69.3.1 definitions, requirements for continuous emission monitoring, and compliance determination. However, the emission standards of Rule 69.3 remained the same as those adopted in 1994. In May 1999, amended Rule 69.3 was submitted to EPA as a SIP revision.

In August 2002, EPA notified the District that amended Rule 69.3 contains certain deficiencies that prevent its full approval. Therefore, the District is proposing that the rule be amended again to satisfy EPA requirements.

The proposed amendments will:

- Reduce the exemption level in Subsection (b)(1)(iv) from 1 MW to 0.8 MW and specify that this exemption also applies to units that were derated before September 27, 1994. This change is to address an EPA comment that Rule 69.3 currently exempts turbines with power ratings less than 1 MW while ARB's RACT/ BARCT guidance suggests an exemption level of 0.3 MW. There is presently one existing turbine rated at 0.88 MW that would be affected by the change to this exemption. The District has determined that it would be cost-effective to apply a RACT level NOx control for the turbine rated at 0.88 MW. Application of NOx control to 14 other smaller turbines is either not technologically feasible or not cost-effective.
- Reduce the time period during startup, shutdown, or a fuel change when a turbine engine is exempt from the NOx emission standards of the rule. For units with add-on control equipment, the exemption would be reduced from 120 minutes to a maximum of 60 minutes. For units without add-on control the exemption would be reduced to a maximum of 30 minutes. This aligns the rule more closely with similar provisions in the rules of other California air districts. The District is interested in receiving information and comments from industry regarding this proposal.
- Specify that units subject to the NOx emission standards of the rule be source tested at least annually, unless more frequent testing is required in writing by the Air Pollution Control Officer.
- Clarify the definition of a stationary gas turbine engine by excluding any equipment powered by or delivering power to the turbine, and by excluding any hardware or software that controls the turbine.
- Include a definition of "add-on control."

In addition, the rule has been revised to provide some minor clarifications and updates.

If you would like a copy of proposed amended Rule 69.3, please access the District's Website at www.sdapcd.co.san-diego.ca.us under Rules & Regulations, Supporting Activities, Workshops or call Luann Serbesku at (858) 650-4544. If you have any questions concerning the rule, please call Randy Consolacion at (858) 650-4536, Natalie Zlotin at (858) 650-4540 or Steve Moore at (858) 650-4598.

MICHAEL R. LAKE, Assistant Director
Air Pollution Control District

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