



REGISTER NOTICE

SAN # 2005-10

1. TITLE OF THE REGULATIONS:

Regulation No. 1148, "Control Of Stationary Combustion Turbine Electric Generating Unit Emissions"

2. BRIEF SYNOPSIS OF THE SUBJECT, SUBSTANCE AND ISSUES:

DNREC is proposing to develop a new regulation to reduce emissions of nitrogen oxides (NO_x) from combustion turbine electric generating units, typically known as peaking units.

Delaware's emission inventory data demonstrates that combustion turbines in Delaware are significant NO_x emitting sources. While some combustion turbines in Delaware generate electricity to meet base-load demands, other combustion turbines generate electricity to meet peak demands. Those periods of peak demand frequently correspond with summer ozone action days. This means that emissions from these units are frequently at their highest when the health threat from ozone is at its worst. Many of Delaware's peaking units have high emission rates of nitrogen oxides and, therefore, should be evaluated for additional NO_x emission controls.

The proposed regulation will also reduce NO_x emissions in the State of Delaware from the subject units during high electric demand days (HEDD). This will meet Delaware's obligation to support the regional HEDD NO_x reduction initiative for the units subject to this regulation.

3. POSSIBLE TERMS OF THE AGENCY ACTION: NONE

4. STATUTORY BASIS OR LEGAL AUTHORITY TO ACT: 7 Delaware Code, Chapter 60

5. OTHER REGULATIONS THAT MAY BE AFFECTED BY THE PROPOSAL:

Regulation No. 12, "Control of Nitrogen Oxides Emissions" may be amended in a subsequent effort to clarify Reasonably Available Control Technology (RACT) requirements as those requirements relate to the units subject to the proposed regulation.

6. NOTICE OF PUBLIC COMMENT:

The public comment period for this proposed regulation will extend through at least May 1, 2007. Interested parties may submit comments in writing during this time frame to: Mark A. Prettyman, Air Quality Management Section, 156 S. State St., Dover, DE 19901, and/or statements and testimony may be presented either orally or in writing at the public hearing to be held on Thursday, April 26, 2007, beginning at 6:00 PM in the DNREC auditorium at the Richardson and Robbins Building, 89 Kings Highway, Dover, DE 19901.

7. PREPARED BY:

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Date