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STATE OF TEXAS

IMPLEMENTATION PLAN
FOR
ATTAINING
NATIONAL AMBIENT AIR
QUALITY STANDARDS

Texas Air Control Board

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TEXAS WATER DEVELOPMENT BOARD
AUSTIN, TEXAS

REVISION
FEBRUARY 15, 1974

REGULATION VII

CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS

Rule 701. Gas Fired Steam Generating Units.

701.1 Rules 701.2, 701.3 and 701.4 shall apply only in the Dallas-Fort Worth and Houston-Galveston Air Quality Control Regions.

701.2 No person may cause, suffer, allow or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from any "opposed fired" steam generating unit of more than 600,000 lbs/hour maximum continuous steam capacity to exceed 0.7 lbs/million Btu heat input, maximum two-hour average, at maximum steam capacity. An "opposed fired" steam generating unit is defined as a unit having burners installed on two opposite vertical firebox surfaces.

701.3 No person may cause, suffer, allow or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from any "front fired" steam generating unit of more than 600,000 lbs/hour maximum continuous steam capacity to exceed 0.5 lbs/million Btu heat input, maximum two-hour average, at maximum steam capacity. A "front fired" steam generating unit is defined as a unit having all burners installed in a geometric array on one vertical firebox surface.

701.4 No person may cause, suffer, allow or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from any "tangential fired" steam generating unit of more than 600,000 lbs/hour maximum continuous steam capacity to exceed 0.25 lbs/million Btu heat input, maximum two-hour average, at maximum steam capacity. A "tangential fired" steam generating unit is defined as a unit having burners installed on all corners of the unit at various elevations.

Rule 702. Nitric Acid Manufacturing.

702.1 No person may cause, suffer, allow, or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from any nitric acid manufacturing plant to exceed 600 parts per million by volume.

Rule 703. Any person required to modify one steam generating unit to comply with Rule 701 shall be in compliance by July 1, 1974. Any person required to modify two or more steam generating units to comply with Rule 701 shall achieve compliance on at least 50% of such units by July 1, 1974, and shall achieve total compliance by July 1, 1976. On or before December 1, 1972, any person affected by Rule 701 shall submit to the Texas Air Control Board a written report of his compliance status, including but not limited to, the minimum time required to design, procure, install and test abatement equipment or procedures. Thereafter, progress reports shall be submitted to

the Board every six months no later than June 1 and December 1 of each year until compliance is achieved.

Persons affected by Rule 702 shall be in compliance with the provisions of Rule 702 not later than December 31, 1973. On or before September 15, 1972, any person affected by Rule 702 shall submit to the Board a written report of his compliance status, including but not limited to, the minimum time required to design, procure, install and test abatement equipment or procedures. Thereafter, progress reports shall be submitted to the Board every four months, not later than January 15, May 15 and September 15 of each year until compliance is achieved.

Rule 704. The rules contained in this Regulation shall be in force immediately and shall supersede the previous Regulation VII which became effective on March 5, 1972.

Date Adopted: July 27, 1972

Date Filed with Secretary of State: August 1, 1972

Date Effective: August 31, 1972