

PROJECT SUMMARY

I. INTRODUCTION

An application has been submitted by Tribune Company for renewal of their current state operating permit. Permit limits will prevent the facility from being a major source of emissions so that an operating permit does not have to be obtained under the Clean Air Act Permit Program. The proposed limits would be accompanied by recordkeeping and reporting requirements to assure that the facility is operated as a non-major source.

II. SOURCE DESCRIPTION

Tribune Properties, Inc. operates three gas fired/#6 oil fired boilers, two emergency generators (one diesel fired, one natural gas fired), and three storage tanks. Boilers combust fuel to produce heat energy that then can be converted to other forms of energy such as electric power, steam generation, and process and/or space heating. Emergency generators produce electricity during utility company outages and are driven by internal combustion engines that combust fuel. Storage tanks are used to store petroleum products until needed for use (i.e., #6 fuel oil storage tank for boiler).

III. EMISSIONS

Emissions from fuel combustion are nitrogen oxide (NO_x), carbon monoxide (CO), volatile organic material (VOM), sulfur dioxide (SO₂), and particulate matter (PM). The relative amount of each pollutant emitted per energy input is primarily a function of the combustion process and the type of fuel combusted. The principal air contaminant of concern for natural gas-fired boilers/generators is nitrogen oxides (NO_x) and for oil-fired boilers/generators sulfur dioxide (SO₂).

Fugitive emissions are generated from the three storage tanks. Volatile organic material emissions from each storage tank are minimal.

IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. This site readily complies with all applicable Board standards.

V. PROPOSED PERMIT

The conditions of the proposed permit contain limitations and requirements to assure that this facility will be operated as a non-major source. The permit sets limitations on both the maximum fuel usage and the sulfur content of the fuel. These limitations are consistent with the historical operation and capacity of this operation.

The permit conditions also establish appropriate compliance procedures, including inspection practices, recordkeeping requirements, and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the hospital is operating within the limitations set by the permit.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a permit with federally enforceable limits for this operation.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public concern is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.