

PROJECT SUMMARY

I. Introduction

An application has been submitted by State Farm Mutual Automobile Insurance Company (State Farm) to construct and operate five diesel fired emergency generators. State Farm will use diesel fired emergency generators to supply electricity to the facility for emergency purposes when the facility experiences a loss of electrical services from the public utility company. The permit establishes limits on the diesel fired emergency generators so that the net increase in emissions is not subject to Prevention of Significant Deterioration of Air Quality (PSD), 40 CFR 52.21. The proposed limits would be accompanied by recordkeeping and reporting requirements to assure that the facility is operated in compliance with all rules and regulations.

II. Source Description

The source uses diesel-fired emergency generators to supply electricity to the plant for emergency purposes when the facility experiences a loss of electrical services from the public utility company.

In this project, State Farm is installing a set of five more diesel generators.

III. Emissions

The permit establishes limits on emissions of nitrogen oxide (NO_x) and sulfur dioxide (SO₂) to levels that are less than significant net increase levels for PSD. Pollutants other than NO_x and SO₂ are at levels that are less than significant net increase levels for PSD.

IV. Applicable Emission Standards

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standard for sources of NO_x and SO₂. 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 the facility will not be subject to PSD. The permit sets limitation on the types and amounts of fuel usage. These limitations are consistent with the historical operation and capacities of other types of facilities.

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 facility is operating with the limitations set by the permit and are properly controlling emissions.

VI. Request for Comments

It is Illinois EPA's preliminary determination that the 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 interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.