

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
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Project Summary for an Application from
Butterball, LLC for a
Federally Enforceable State Operating Permit (FESOP) for
2125 Rochester Drive
Montgomery, Illinois

Site Identification No.: 089469AAH
Application No.: 12100035

Schedule

Public Comment Period Begins: February 13, 2013

Public Comment Period Closes: March 15, 2013

Illinois EPA Contacts

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I. INTRODUCTION

Butterball, LLC has applied for a Federally Enforceable State Operating Permit (FESOP) for its food processing operation located at 2125 Rochester Drive Montgomery, Kane County. The company applied for a FESOP to operate as non-major source for the purposes of the Clean Air Act Permit Program (CAAPP). This plant requires an air pollution control operating permit because it is a source of emissions. The Illinois EPA has prepared a draft of the permit that it would propose to issue for the facility. However, before issuing the permit, the Illinois EPA is holding a public comment period to receive comments on this proposed action and the terms and conditions of the draft permit that it would propose to issue.

II. SOURCE DESCRIPTION

Butterball, LLC operates a food processing facility. The emission units at this plant that require an operating permit include smoke houses, cookers, boilers and generators. These units are sources of emissions because nitrogen oxides are emitted to the atmosphere from the fuel combustion in the boiler and fuel combustion diesel engines powering the generators at this facility.

III. GENERAL DISCUSSION

Federally Enforceable State Operating Permits (FESOPs) are federally enforceable, that is, the terms and conditions of the permits can be enforced by USEPA under federal law, as well as by Illinois government and the public under state law. These permits can establish federally enforceable limitations on the operation and emissions of a source that restrict the potential emissions of the source.

The source will be operating this plant under a FESOP because the actual emissions of the plant are below the levels at which the plant would be considered a major source under Title V of the federal Clean Air Act. However, in the absence of federally enforceable limitations, the plant's potential emissions would be such that the plant would be considered a major source. The permit acts to restrict the plant potential emissions so that it need not be considered a major source. As a result, the source does not need not obtain a Clean Air Act Permit Program (CAAPP) permit for the plant, as would otherwise be required.

The FESOP limits the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for Nitrogen Oxides, 10 tons for an individual HAP and 25 tons for combined HAPs).

IV. APPLICABLE EMISSION STANDARDS

All emission units in Illinois must comply with state emission standards adopted by the Illinois Pollution Control Board. These emission standards represent the basic requirements for sources in Illinois. There are federal regulations 40 CFR 60 Subpart Dc for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR Part 63 Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines. The application shows that the plant is in compliance with applicable state and federal emission standards.

V. CONTENTS OF THE PERMIT

The FESOP permit that the Illinois EPA is proposing to issue would continue to identify the specific emission standards that apply to the emission units at the facility. As explained, the boilers and generators are subject to 40 CFR 60 Subpart Dc for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR Part 63 Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines which requires operation practices. The conditions of this permit are intended to ensure that the source continues to comply with applicable emission standards.

The permit would also contain limitations and requirements to assure that this plant is operated as a non-major source. The permit would limit the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for Nitrogen Oxides, 10 tons for an individual HAP and 25 tons for combined HAPs.

The permit conditions would also continue to require appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The source must carry out these procedures on an on-going basis to demonstrate that the plant is being operated within the limitations set by the permit and the plant's emissions are being properly controlled.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the source has met the requirements for renewal of its permit. The Illinois EPA is therefore proposing to renew the permit.

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 IAC Part 166.

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