TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

Pilgrim's Pride Corporation
19740 US Highway 90
Live Oak, Florida 32060

Live Oak Feed Mill
Facility ID No. 1210007

PROJECT

Project No. 1210007-011-AF
Application for Minor Source Air Construction Permit
Renewal/ Modification

COUNTY

Suwannee, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Section
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7590

4/13/2011

1. GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

Facility Description and Location

Pilgrim's Pride Corporation- Live Oak Feed Mill is an existing feed manufacturing facility, which is categorized under Standard Industrial Classification Code No. 2048. The facility is located in Suwannee County at 1306 West Howard Street in Live Oak, Florida. The UTM coordinates are Zone 17, 307.800 km East, and 3354.100 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to state and federal Ambient Air Quality Standards (AAQS).

Facility Regulatory Categories

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act.
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Project Description

This project is for the operating permit renewal, which also modifies 1210007-008-AF to include 1210007-010-AC (500 HP Johnston Boiler No. 3, a 20.93 MMBtu per hour maximum heat input steam generating boiler fired by Natural Gas or Ultra Low Sulfur Distillate (ULSD) No. 2 fuel oil).

Processing Schedule

03/08/2011 Received the application for a minor source air pollution construction permit.

2. APPLICATION REVIEW

Discussion of Emissions

PM, VE and SO_2

State Requirements

This facility is subject to Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with Less Than 250 Million Btu Per Hour Heat Input, New and Existing Emissions Units.

Federal NSPS Provisions

40 CFR 60, Subpart Dc, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

Other Draft Permit Requirements

40 CFR 63, Subpart DDDDDDD- If this facility has materials that contain chromium or manganese and it is an area source for HAPs, then it is subject to this subpart upon the States adopting the subpart by reference.

4. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Leslie Maybin is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting the project engineer at The Northeast District Office's mailing address is 7825 Baymeadows Way, Suite 200B, Jacksonville, Florida 32256-7590.