Title V Air Operation Permit Revision
Proposed Permit No. 0110051-012-AV

Applicant: The applicant for this project is BP Products North America, Inc. The applicant's responsible official and mailing address are: Mr. G.M. D'Amico, Terminal Manager, P.O. Box 22510, Fort Lauderdale, Florida 33335-2510.

Facility Description: The applicant operates the BP Port Everglades Terminal, which is located at 1180 Spangler Road, Fort Lauderdale, Broward County, Florida. The facility is a bulk petroleum products and denatured ethanol storage terminal with a total storage capacity of approximately 592,857 barrels.

The primary emission sources of volatile organic compounds (VOC) and hazardous air pollutants (HAP) are:

EU No.	***Brief Description***
012	*Floating Roof Storage Tanks*. Internal Floating Roof and Domed External Floating Roof Storage Tanks for Petroleum Products and Denatured Ethanol.
015	*Fixed Roof Tanks*. Additive/Diesel/PCW.
001	*Loading Rack with Two VRUs.* Petroleum Products, Gasoline/Ethanol Blend, and Denatured Ethanol
013	*Piping and Equipment.* Valves, fittings, and other equipment associated with petroleum products and ethanol loading or unloading operations.
016	*Emergency Generator Diesel Engines*. One new 250 KW and one existing 250 KW diesel engines.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Project Description: The purpose of this permit is to revise the existing Title V Air Operation Permit No. 0110051-009-AV for BP Products North America existing bulk petroleum products and denatured ethanol terminal to: (1) Incorporate the construction activities completed in accordance with Permit Nos. 0110051-010-AC, (2) Update the operating requirements for compliance with 40 CFR Part 63, Subpart BBBBBB in accordance with the Notification of Compliance Status dated January 6, 2011, (3) Add the applicable requirements for the stationary emergency engines, and (4) Revise the existing Compliance Assurance Monitoring Plan.

Processing Schedule and Related Documents
Application for a Title V Air Operation Permit Renewal received: November 17, 2010.
Notice of Intent to Issue Air Permit issued [xxxxxx]
Public Notice Published [xxxxxxx]

Primary Regulatory Requirements
Title III: The facility is a synthetic minor source of HAP.
Title V: The facility is a Title V major source of VOC in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).
PSD: The facility is a Prevention of Significant Deterioration (PSD) minor source of air pollution in accordance with Rule 62-212.400, F.A.C.
NSPS: The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.
NESHAP: The facility operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63, Subpart BBBBBB. The source is exempted from Subpart R (National Emission

Standards for Gasoline Distribution Facilities) requirements except for recordkeeping of the "Emissions Screening Factor" (Et) parameters.
CAM: Compliance Assurance Monitoring (CAM) does apply to the loading rack with two vapor recovery units.

Project Review
Changes to the existing Title permit (0110051-009-AV) include: (1) Modification of the existing denatured ethanol unloading rack in accordance with 0110051-010-AC to allow for loading of both denatured ethanol and gasoline, (2) Addition of the operating requirements for compliance with 40 CFR Part 63, Subpart BBBBBB in accordance with the Notification of Compliance Status dated January 6, 2011, (3) Addition of a new regulated emission unit for the stationary emergency engines, and (4) Revision of the existing CAM Plan to add a new indicator using a continuous monitoring system.

Conclusion
This project revises the existing Title V air operation permit No. 0110051-009-AV. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210, 62-213 and 214, F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.