Wheelabrator Ridge Energy, Inc.
Ridge Generating Station

Facility ID No. 1050216
Polk County

Title V Air Operation Permit Renewal

Permit No. 1050216-014-AV
(Renewal of Title V Air Operation Permit No. 1050216-013-AV)

Permitting & Compliance Authority:

State of Florida
Department of Environmental Protection
Air Resource Management, Southwest District

13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

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Title V Air Operation Permit Renewal

Permit No. 1050216-014-AV

Table of Contents

Section **Page Number**

I. Facility Information.
- A. Facility Description. 2
- B. Summary of Emissions Units. 2
- C. Applicable Regulations. 2

II. Facility-wide Conditions. 4

III. Emissions Units and Conditions.
- A. EU No. 001 – Multi-fuel Steam Boiler 6
- B. EU No. 002 - Lime Storage Building 19
- C. EU No. 005 - Existing Non-Emergency CI RICE (Engine) > 500 HP 21
  - EU No. 006 - Existing Non-Emergency CI RICE (Engine) ≤ 300 HP
  - EU No. 007 - Existing Emergency CI RICE (Engine) ≤ 500 HP

IV. Appendices. 24
- Appendix A, Glossary
- Appendix BD, BACT Determination (issued February 14, 1997)
- Appendix CAM, Compliance Assurance Monitoring Plan
- Appendix I, List of Insignificant Emissions Units and/or Activities
- Appendix NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63)
- Appendix NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines)
- Appendix NESHAP 40 CFR 63 Subpart JJJJJJ (Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources)
- Appendix NSPS 40 CFR 60 Subpart A (General Provisions for 40 CFR 60)
- Appendix NSPS, Subpart D_b (Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units)
- Appendix RR, Facility-wide Reporting Requirements
- Appendix TR, Facility-wide Testing Requirements
- Appendix TV, Title V General Conditions
- Appendix U, List of Unregulated Emissions Units and/or Activities
- Summary of NESHAP 40 CFR 63 Subpart ZZZZ Applicable Requirements for Existing RICE at Area Sources

Referenced Attachments. 25
- Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996)
- Statement of Basis
- Table H, Permit History
- Table 1, Summary of Air Pollutant Standards and Terms
- Table 2, Compliance Requirements

DRAFT/PROPOSED PERMIT

PERMITTEE:
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

Permit No. 1050216-014-AV
Ridge Generating Station
Facility ID No. 1050216
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V air operation permit for the above referenced facility. The renewal permit also incorporates NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) which is applicable to the existing stationary reciprocating internal combustion engines (RICE) at this facility; and NESHAP 40 CFR 63 Subpart JJJJJJ (National Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources) which is applicable to the multifuel boiler at this facility. The existing Ridge Generating Station is located in Polk County at 3131 K-Ville Avenue in Auburndale, Florida. UTM Coordinates are: Zone 17, 416.7 km East and 3100.54 km North. Latitude is: 28° 01' 38.9" North; and, Longitude is: 81° 50' 51" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: *DATE, 2011*
Renewal Application Due Date: *Exp. DATE -225, 20xx*
Expiration Date: *Eff. DATE + 5 years, 20xx*

(DRAFT/PROPOSED)

_____

Cindy Zhang-Torres, P.E.
Air Permitting Manager
Southwest District

CZ/dz/pp

Subsection A. Facility Description.

The Ridge Generating Station is an electric power generation facility with a capacity of 50 megawatts of generator output. This facility consists of one steam boiler (EU No. 001) which provides steam for a steam powered electric generator**,** as well as one lime storage building (EU No. 003) and one ash handling system (EU No. 002). The steam boiler is a multi-waste fueled unit which fires a mixture of waste wood, yard waste, waste tires, and landfill gas (LFG).

The facility also includes various stationary reciprocating internal combustion engines (RICE) which are included as emission units (EU Nos. 005 through 007) due to their being subject to the requirements of 40 CFR 63 Subpart ZZZZ (NESHAP for Stationary Reciprocating Internal Combustion Engines).

Subsection B. Summary of Emissions Units

EU No.	Brief Description
Regulated Emissions Units	
001	Multi-fuel Steam Boiler
003	Lime Storage Building
005	Existing Non-Emergency Stationary CI RICE (Engine) > 500 HP
006	Existing Non-Emergency Stationary CI RICE (Engine) ≤ 300 HP
007	Existing Emergency Stationary CI RICE (Engine) ≤ 500 HP
Unregulated Emissions Units and Activities	
002	Ash Handling System

Subsection C. Applicable Regulations

Based on the Title V air operation permit renewal application received July 29, 2010, this facility is not a major source of hazardous air pollutants (HAP). The existing facility is a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Federal Regulations (included as part of this permit as attached appendices)	**EU No(s).**
NSPS 40 CFR 60 Subpart A, New Source Performance Standards (NSPS) General Provisions	001
NSPS 40 CFR 60 Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	001
NESHAP 40 CFR 63 Subpart A, National Emissions Standards for Hazardous Air Pollutants (NESHAP) General Provisions	005 through 007
NESHAP 40 CFR 63 Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines	005 through 007
NESHAP 40 CFR 63 Subpart JJJJJJ, NESHAP for Industrial, Commercial, and Institutional Boilers Area Sources	001
40 CFR 64 Compliance Assurance Monitoring (CAM)	001

State Regulations	EU Nos.
Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C.	all
Rule 62-296.212.400(10), Control Technology Review, F.A.C. (Best Available Control Technology (BACT) Determination)	001

(NSPS 40 CFR 60 Subpart Ea Applicability Note - This unit is exempt from the requirements of NSPS 40 CFR 60 Subpart Ea (Standards of Performance for Municipal Waste Combustors for which Construction is Commenced after December 20, 1989 and on or before September 20, 1994) on the basis that it is subject to a federally enforceable permit condition (see Specific Condition No. A.3.d.) limiting combustion of municipal solid waste (MSW) to 30 percent or less (by weight) of the fuel feed stream as measured on a calendar quarterly basis (in accordance with the provisions of 40 CFR 60.50a(d) and 60.51a (definition of "Co-fired combustor").)

(Rule 62-296.416, F.A.C. Applicability Note - This unit is not subject to Rule 62-296.416, F.A.C., Waste-to-Energy Facilities, since in accordance with the definition of "Waste to Energy Facility" contained in Rule 62-210.200, F.A.C., it primarily burns fuels other than solid waste (primary fuels for this facility consist of vegetative wastes, clean dry wood, wood fuel from construction or demolition debris, landfill gas, and waste tires, all of which are specifically excluded from the definition of solid waste).)

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices - The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. **Not federally Enforceable -** Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions - The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department as follows:

The following requirements are "not federally enforceable"

a. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of solvent materials.
b. All VOC/OS from washings (equipment clean-up) shall be directed into containers that prevent evaporation into the atmosphere.
c. Tightly cover or close all VOC containers when they are not in use.
d. Prevent excessive air turbulence across exposed VOCs.
e. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1)(a), F.A.C.]

FW4. Unconfined Particulate Matter - No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements:

a. vehicular traffic areas such as roads and parking areas are paved;
b. areas that have been disturbed are revegetated;
c. the conveyor system from the stacker reclaimer to the steam boiler (EU 001) is covered and maintained to minimize leaks;
d. facility roads are swept;
e. water is applied to the truck dumps and the stacker discharge, as needed; and
f. ash trucks shall are covered during transport.

[Rule 62-296.320(4)(c)2., F.A.C.; Proposed by applicant in the Title V permit applications received June 17, 1996, February 1, 2008, and July 29, 2010]

FW5. General Visible Emissions - No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement.
[Rule 62-296.320(4)(b)1, F.A.C.]

Annual Reports and Fees
*(See **Appendix RR, Facility-wide Reporting Requirements for additional details**.)*

FW6. Annual Operating Report - The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year. *(Permitting Note - See also **Appendix RR**, Item RR5 for more AOR information.)*
[Rule 62-210.370(3), F.A.C.]

FW7. Annual Emissions Fee Form and Fee - The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. *(Permitting Note - See also **Appendix RR**, Item RR6. for more Title V emissions fee information.)*
[Rule 62-213.205, F.A.C.]

FW8. Annual Statement of Compliance - The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. *(Permitting Note - See also **Appendix RR**, Item RR7. for more annual statement of compliance information.)*
[Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

FW9. Prevention of Accidental Releases (Section 112(r) of CAA) - If and when the facility becomes subject to 112(r), the permittee shall submit the information shown below.

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.

b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

Operation Requirements

FW10. Hours of Operation - Unless otherwise noted, all emission sources at this facility are allowed to operate continuously, i.e., 8760 hours per year.
[Rule 62-4.070(3), F.A.C., Rule 62-210.200, F.A.C. (Definition of Potential to Emit)]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
001	Multi-fuel Steam Boiler - This emissions unit consists of a 50-MW multi-fuel, steam-driven electric power plant, with one multi-waste fuel, traveling grate boiler providing the total steam production. The waterwall construction boiler burns a mixture of waste wood, yard waste, waste tires, and landfill gas (LFG)*. *(* LFG Note: The LFG combusted at this facility is from the adjacent Polk County North Central Landfill (ARMS Facility ID 1050298).)* Emission controls consist of the following (listed in order that they occur in the exhaust gas flow path): - Nitrogen oxides (NOx) emissions are controlled by a selective non-catalytic reduction (SNCR) system (injection of urea solution into combustion flue gas). - Sulfur dioxide (SO_2), acid gas and organic compound (including VOC) emissions from the boiler are controlled by a spray dryer absorber (spraying of atomized lime slurry into the flue gas). - Particulate matter (PM/PM10) emissions are controlled by a fabric filter (baghouse) . The boiler utilizes continuous emissions monitoring systems (CEMS) on the exhaust stack for compliance purposes for NO_X, SO_2, carbon monoxide (CO), and opacity. The fabric filter (baghouse) particulate matter (PM) control device for this emission unit is subject to the compliance assurance monitoring (CAM) requirements included in **Appendix CAM**. The exhaust stack continuous opacity monitoring system (COMS) and pressure drop across the fabric filter are the performance indicators. *(CAM Applicability Note - While this emission unit also has emission limitations and control devices for NOx and SO_2, the facility has continuous emission monitoring systems (CEMS) to monitor NOx and SO_2 that have been specified as the emission limit compliance methods for these two pollutants. The CAM regulation, 40 CFR 64.2(b)(vi), exempts units with CEMs as the required compliance method from the CAM requirements.)*

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity - The maximum power production (gross output) of the generating unit is limited to 50 megawatts (MW) (approximately equivalent to a maximum boiler heat input rate of 630 MMBtu per hour).
[Rule 62-4.160(2), F.A.C. and 62-210.200, F.A.C., Definitions - (PTE); Construction Permit AC53-206244/PSD-FL-183]

(Compliance Note - Compliance with the Specific Condition No. A.1. capacity limitation shall be determined by monitoring generator output megawatts (MW) and comparison to the maximum permitted capacity of 50 MW.)

A.2. Methods of Operation - Permitted Fuels - Fuel for firing the boiler shall consist only of the following:

a. wood*; (*See also Specific Condition No. A.3.d below.)*

b. yard waste**; (*See also Specific Condition No. A.3.d below.)*

c. landfill gas (LFG); and

d. waste tires, with the tire firing rate limited to a maximum of 18,505 pounds of tires per hour, based on a 24-hour block average of all periods of boiler operation during the 24-hour block. *(See also Specific Condition No. A.3.d and A.6. below.)*

[Rules 62-210.200(228), 62-4.160(2), and 62-213.440(1), F.A.C.; Construction Permits AC53-206244/PSD-FL-183A as amended on 04/06/99 (1050216-002-AC), and 1050216-011-AC]

(Wood Fuel Permitting Note - Wood fuel includes, but is not limited to, wood pallets, utility poles, construction debris, and railroad ties (Construction Permit 1050216-006-AC/PSD-FL-183C). The definition of wood from 40 CFR 60 Subpart Db is as follows: "Wood means wood, wood residue, bark, or any derivative fuel or residue thereof, in any form, including, but not limited to, sawdust, sander dust, wood chips, scraps, slabs, millings, shavings, and processed pellets made from wood or other forest residues.")*

*(** Yard Waste Permitting Note - Yard waste means grass, grass clippings, bushes, shrubs, and clippings from bushes and shrubs that are generated by residential, commercial/retail, institutional, and/or industrial sources as part of maintenance activities associated with yards or other private or public lands. Yard waste does not include construction, renovation, and demolition wastes, which are exempt from the definition of MSW. Yard waste does not include clean wood, which is also exempt from the definition of MSW. (Above definition taken from CFR 60.51a (Subpart Ea Definitions.))*

A.3. Methods of Operation - Prohibited Fuels - The following shall not be burned at any time in the boiler:

a. hazardous waste (as defined in 40 CFR 261 and Rule 62-730.020, F.A.C.);

b. medical/infectious waste (as defined in 40 CFR 60.51c);

c. biomedical waste (as defined in Rule 62-712.200, F.A.C.);

d. municipal type solid waste (as defined in 40 CFR 60 Subpart Ea*), except for tires, yard waste and waste wood. The combined total of tires, yard waste, and any waste wood that is defined as municipal solid waste in 40 CFR 60 Subpart Ea*, that is burned shall not exceed 30 percent (by weight) of the facility fuel feed stream, as measured on a calendar quarterly basis **.

[Rule 62-210.200(228), F.A.C., Construction Permit AC53-206244/PSD-FL-18 as amended by Construction Permit 1050216-011-AC]

(Municipal Solid Waste Definition Note - In accordance with the provisions of 40 CFR 60.51a (Subpart Ea, Definitions), municipal solid waste does not include construction, renovation, and demolition wastes (which includes railroad ties and telephone poles), wood pallets or clean wood. Clean wood means untreated wood or untreated wood products including clean untreated lumber, tree stumps (whole or chipped), and tree limbs (whole or chipped).)*

*(** NSPS Applicability Note - On the basis of this limitation on firing of municipal solid waste, this unit is exempt from the requirements of 40 CFR 60 Subpart Ea in accordance with the provisions of 40 CFR 60.50a(d) and 60.51a (definition of "Cofired combustor").)*

Control Technology

A.4. Circumvention of Control Equipment - The permittee shall not circumvent any air pollution control device nor allow the emissions of air pollutants without the applicable air pollution control devices (i.e., selective non-catalytic reduction (SNCR) system, spray dryer absorber*, and fabric filter (baghouse) dust collector**) operating properly.
[Rules 62-210.650, F.A.C.]

(Spray Dryer Permitting Note - Absorbent/lime slurry shall be used in the spray dryer absorber as required to maintain compliance with the SO_2 standard. See Alternate Method of Operation condition below.)*

*(** Fabric Filter Permitting Note - See **Appendix CAM** for fabric filter performance indicator information.)*

A.5. Alternate Method of Operation - During low load operations when tires are not being used as fuel, the spray dryer absorber may be operated without use of absorbent (lime slurry) (water will still be injected to minimize temperatures). Absorbent injection shall not be stopped until one (1) hour after the tire feed to the boiler has been stopped. Low load is defined as periods of operation at a load level of below 30 MW.

(Permitting Note - Tires are the primary source of sulfur, and therefore SO_2 emissions. When tires are not fired the SO_2 concentration is low. This unit has a continuous SO_2 emission monitor on the exhaust stack which shows compliance with the 30-day rolling average SO_2 limit without the use of absorbent in the spray dryer during low load, zero tire firing conditions (which typically occur daily from 12:00am to 9:00am).)

[Rule 62-213.420(3)(l), F.A.C.; Construction Permit 1050216-007-AC]

A.6. Cessation of Tire Feeding During Malfunctions - In the event of any malfunction resulting in failure of emission control equipment or emission-related process equipment to perform as required by this permit, the operator shall immediately stop the feeding of tires into the boiler and shall use other permitted fuel to maintain a minimum of 1800 °F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order.
[Rule 62-210.700, F.A.C.; Construction Permit 1050216-011-AC]

Emission Limitations and Standards

(Permitting Note - The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.)

Unless otherwise specified, the averaging times for Specific Condition A.7. are based on the specified averaging time of the applicable compliance test method.

A.7. Boiler Emission Limitations – Emissions from the boiler shall not exceed the following limitations.

Pollutant	Pounds/Hour Limit	Tons/Year Limit	Method Of Compliance
SO_2	65.0	284.7	30-day rolling average CEMS *
NO_x	90.0	394.2	30-day rolling average CEMS *
CO	200.0	876.0	30-day rolling average CEMS *
VOC	22.1	96.8	EPA Method 25A stack test
HCl	2.1	9.2	EPA Method 26 or 26A stack test
Hg	0.022	0.096	EPA Method 29 or 101A stack test
Pb	0.25	1.1	EPA Method 12 or 29 stack test
Be	0.0063	0.028	EPA Method 29 or 104 stack test
VE	10% opacity		6-min. average COMS* & EPA Method 9 **
PM/PM_{10}	0.0080 gr/dscf (corrected to 7% O_2)		EPA Method 5 stack test **

Notes -

CEMS = Continuous Emissions Monitoring System

COMS = Continuous Opacity Monitoring System

* Reference Conditions A.14.c. & d., A.15., and A.16.

** *The particulate matter and opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. (Subpart Db - 40 CFR 60.43b(g])*

[Rule 62-212.400, F.A.C.; Construction Permits AC53-206244/PSD-FL-183A as amended on 02/14/97, 04/06/99, and 06/30/99, and 1050216-007-AC *(HCl limit only)*; **Appendix BD** (Revised BACT Determination issued 02/14/97)]

A.8. NSPS 40 CFR 60 Subpart Db PM and VE Emission Limitations* - The following emission limitations from NSPS 40 CFR 60 Subpart Db apply to this emission unit:

a. Particulate Matter (PM) Emission Standard* - No owner or operator of an affected facility that combusts wood shall cause to be discharged from that affected facility any gases that contain particulate matter in excess of 43 ng/J (0.10 lb/million Btu) heat input if the affected facility has an annual capacity factor greater than 30 percent (0.30) for wood. *

(continued)

A.8. *(continued)*

b. Visible Emissions Standard* - No owner or operator of an affected facility that combusts coal, oil, wood, or mixtures of these fuels with any other fuels shall cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity *.

(NSPS 40 CFR 60 Subpart Db Emission Standards Note - The visible emissions (VE) and particulate matter (PM) emission limitations contained in Specific Condition No. A.7. are more stringent than the above NSPS Subpart Db standards. Compliance with the PM and VE limitations of Specific Condition No. A.7. will also demonstrate compliance with the NSPS Subpart Db standards.)*

[Rule 62-204.800(8), F.A.C; NSPS Subpart Db 40 CFR 60.43b(c)(1), and 60.43b(f)]

Excess Emissions

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of a federal NSPS, NESHAP or Acid Rain program provision.

A.9. Excess Emissions Allowed - Excess emissions resulting from startup, shutdown or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two (2) hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A.10. Excess Emissions Prohibited - Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

A.11. Sudden and Unforeseeable Events - A statement that a situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3).
[Rule 62-213.440(1)(d)5, F.A.C.]

A.12. Malfunction Reporting - In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

Monitoring of Operations

A.13. Compliance Assurance Monitoring (CAM) - The baghouse fabric filter particulate matter (PM) emission control device for this emission unit is subject to the 40 CFR 64 Compliance Assurance Monitoring (CAM) requirements contained in the attached **Appendix CAM**. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation;

however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C. [40 CFR 64; Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.; **Appendix CAM]**

Continuous Monitoring Requirements

A.14. Required Continuous Monitoring Equipment - Continuous monitoring equipment shall be installed, operated, calibrated and maintained to measure and record the following:

a. Generator output (MW);

b. Furnace temperature (degrees F);

c. Stack opacity (COMS – continuous opacity monitoring system);

d. SO_2, NO_x and CO emissions (CEMS - continuous emission monitoring systems);

e. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability. The tire feed rate data shall be maintained and provided to the Department upon request.

[Rule 62-297.310, F.A.C., Construction Permit AC53-206244/PSD-FL-183]

A.15. Demonstrating Compliance with Visible Emissions (VE) Opacity Standards - The permittee shall use a continuous opacity monitor system (COMS) to demonstrate continuous compliance with the visible emissions (VE) opacity standards in Condition Nos. A.7. and A.8. The averaging time for compliance using the COMS is a 6-minute average.
[Rule 62-213.440(1), F.A.C.; Construction Permit AC53-206244/PSD-FL-183; as established in initial Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

A.16. Compliance with NOx, SO_2 and CO Standards - Compliance with nitrogen oxides (NOx), sulfur dioxide (SO_2), and carbon monoxide (CO) emissions limits for the boiler shall be demonstrated continuously based upon a 30-day rolling average of the continuous emission monitoring systems (CEMS) data. The 30-day rolling average shall be determined by calculating the arithmetic average of all hourly emission rates for the 30 successive boiler operating days, except for data obtained during startup, shutdown, and malfunction.
[Rule 62-213.440(1), F.A.C.; Construction Permit AC53-206244/PSD-FL-183 as amended on 02/14/97]

A.17. Continuous Emissions Monitoring Equipment Operation Requirements -The continuous emissions monitoring systems required in Specific Condition Nos. A. 14.c. & d., A.15. and A.16. shall be operated and record data during all periods of operation of the boiler including periods of startup, shutdown, malfunction or emergency conditions, except for continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments. Continuous monitoring systems are subject to the applicable requirements of 40 CFR 60, Subpart A - General Provisions, and 40 CFR 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, including but not limited to 40 CFR 60 Appendices B (Performance Specifications for Continuous Emission Monitoring Systems) and F (Quality Assurance Requirements for Gas Continuous Emission Monitoring Systems).
[Rules 62-204.800(8)(e) and 62-213.440(1), F.A.C.; NSPS Subpar A 40 CFR 60.13(a)]

Compliance Test Methods and Procedures

(Permitting Note - The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.)

A.18. Common Testing Requirements - Unless otherwise specified, compliance tests shall be conducted in accordance with the requirements and procedures specified in **Appendix TR, Facility-Wide Testing Requirements,** of this permit.
[Rule 62-297.310, F.A.C.]

A.19. Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

(Permitting Note - The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.)

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

A.20. Compliance Test Methods - Required compliance tests shall be performed in accordance with the following reference methods *(see also Specific Condition No. A.7.)*:

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5	Determination of Particulate Emissions from Stationary Sources *(for PM/ PM_{10} - all PM is assumed to be PM_{10}.)*
6C*	Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure) *(for SO_2*)*
7E*	Determination of Nitrogen Oxides (NO_x) Emissions from Stationary Sources (Instrumental Analyzer Procedure) *(for NO_x*)*
9	Visual Determination of the Opacity of Emissions from Stationary Sources
10*	Determination of Carbon Monoxide (CO) Emissions from Stationary Sources *(for CO*)*
12	Determination of Inorganic Lead (Pb) Emissions from Stationary Sources *(for Pb)*
25A	Method for Determining Gaseous Organic Concentrations (Flame Ionization) *(for VOC)*
26 or 26A	Determination of Hydrogen Chloride (HCl) Emissions form Stationary Sources *(for HCl)* Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources – Isokinetic Method *(for HCl)*

Method	Description of Method and Comments
29	Determination of Metal Emissions from Stationary Sources (40 CFR 61, Appendix B) *(for Hg, Pb, or Be)*
101A	Determination of Particulate and Gaseous Mercury (Hg) Emissions from Sewage Sludge Incinerators (40 CFR 61, Appendix B) *(optional for Hg)*
104	Determination of Beryllium (Be) Emissions from Stationary Sources (40 CFR 61, Appendix B) *(optional for Be)*

(Test Method Note - Test methods 6C, 7E, or 10 will be used if (respectively) sulfur dioxide (SO_2), nitrogen oxides (NOx), or carbon monoxide (CO) tests are required by the Department in accordance with Rule 62-297.310(7)(b), F.A.C. - Special Compliance Tests.)*

The above methods are described in 40 CFR 60, Appendix A (unless other wise noted), or 40 CFR 61, Appendix B (as noted), and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.401, F.A.C.; 40 CFR 60, Appendix A; 40 CFR 61, Appendix B; 40 CFR Construction Permits AC53-206244/PSD-FL-183A as amended on 02/14/97, 04/06/99, and 06/30/99, and 1050216-007-AC *(HCl limit only)*; Appendix BD (Revised BACT Determination issued 02/14/97)]

A.21. Compliance Stack Testing Requirements –

a. Annual Testing - In order to document compliance with the emission limitations of Specific Condition No. A7., the permittee shall test the boiler exhaust gases for the following annually during each federal fiscal year (October 1 – September 30):

(1). Volatile organic compounds (VOC);
(2). Hydrogen chloride (HCl);
(3). Particulates (PM); and
(4). Visible emissions (VE).

b. Testing Prior to Permit Expiration - In order to document compliance with the emission limitations of Specific Condition No. A7., the permittee shall test the boiler exhaust gases for the following at least 270 days prior to and no more than 365 days prior to the expiration date of this permit:

(1). Mercury (Hg);
(2). Lead (Pb); and
(3). Beryllium (Be).

Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest emissions can reasonably be expected to occur. The fuel mixture for each compliance test shall be submitted with the test notification to the Department prior to testing *(see Specific Condition No.A.19.)*. The permittee may request, at the time of notification, that the annual stack test for HCl be waived based on prior year(s) test results, except that a stack test for HCl shall be conducted during the 9 - 12 month period prior to the expiration date of this permit. Since the renewal application is required to be submitted at least 225 days prior to the expiration date of this permit, testing during the 9 - 12 month time period will be used to demonstrate
(continued)

A.21. *(continued)*

compliance with the emission limitations and Rule 62-297.310(7)(a)3., F.A.C.
[Rules 62-297.310(7)(a), F.A.C. and 62-4.070(4), F.A.C.; as established in Title V Operation Permit 1050216-008-AV and all subsequent Title V operation permits]

A.22. Particulate Matter Stack Test Results Reporting – In order to document compliance with Specific Condition Nos. A.7. and A.8., the results of any particulate matter (PM) compliance stack test shall be reported in terms of grains/dry standard cubic foot (dscf) (corrected to 7% O_2), and pounds per million Btu of heat input.
[Rules 62-4.070(3), and 62-210.800(8), F.A.C.; NSPS Subpart Db 40 CFR 60.43b(c)(1) and 60.46b(d)(6); as established in Title V Operation Permit 1050216-008-AV and all subsequent Title V operation permits]

A.23. Information To Be Included With Test Reports - All test reports submitted to the Department shall include, at a minimum, the following information for the test period:

a. type of fuels being fired;
b heat input rate (MMBtu per hour) and firing rate for each fuel;
c. generator output (MW)*;
d. temperature in the combustion zone;
e. pressure drop across the baghouse (inches of H_2O);
f. stack flow rate (standard cubic feet per minute); and
g. spray dryer absorber liquid flow rate.

Failure to submit the above information, or operating at conditions which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance.
[Rule 62-4.070(3), F.A.C.; as established in initial Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

Recordkeeping Requirements

A.24. Other Reporting Requirements - See **Appendix RR, Facility-Wide Reporting Requirements**, for additional reporting requirements.

A.25. Unit Operating Records - The permittee shall maintain an hourly record of the generator output (MW), and furnace temperature (°F). The permittee shall maintain a daily record of the amount of wood, yard waste, tires (including the weight equivalent based on 24-hour block average *(see Specific Condition No. A.2.d.)*), and landfill gas fired in the boiler. All of the above records shall be retained at the facility and be made available to the Department upon request.
[Rule 62-4.070(3), F.A.C.; as established in initial Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

A.26. Fuel Records - The permittee shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for landfill gas, wood, and municipal-type solid waste for the recording period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.
[NSPS Subpart Db 40 CFR 60.49b(d); Rule 62-4.070(3), F.A.C.; as established in initial Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

A.27. Municipal Solid Waste Fuel Records **-** The permittee shall keep a record on a calendar quarter basis of the weight of municipal solid waste (tires, yard waste, and any waste wood that is considered municipal solid waste) combusted and the weight of all other fuels combusted. The record shall also include a percentage calculation that demonstrates that the combined total of tires, yard waste, and any waste wood does not exceed 30% (by weight) of the facility fuel feed stream as required by Specific Condition No. A.3.
[NSPS Subpart Db 40 CFR 60.49b(d), Rule 62-4.070(3), F.A.C.; as established in Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

A.28. Operation Records for Alternate Method of Operation - In order to document compliance with the requirements of Specific Condition No. A.5., the permittee shall keep operating records for all periods of boiler operation when absorbent is not being used in the spray dryer absorber. At a minimum the records shall include the following for each such period:

a. date;
b. time absorbent injection was stopped and restarted;
c. time tire feed was stopped and restarted; and
d. maximum unit load (MW) during the period.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1050216-007-AC]

Reporting Requirements

A.29. Excess Emissions Reporting - The permittee shall submit a written report of emissions in excess of the emission limiting standards as set forth in Condition A.7., for each calendar quarter. The nature and cause of the excessive emissions shall be explained. The report shall be submitted within 30 days following each calendar quarter. If there are no excess emissions during the calendar quarter, the facility shall submit a report semiannually stating that no excess emissions occurred during the semiannual reporting period. The semiannual report shall be submitted within 30 days following the semiannual reporting period.
[40 CFR 60.49b(h), 40 CFR 60.7(c), Rule 62-4.070(3), F.A.C.]

A.30. Quarterly SO_2, CO, and NOx Emission Reports - The permittee shall submit a quarterly report to the Department within 30 days following each calendar quarter. This report shall contain the 30-day rolling averages for SO_2, CO, and NOx, all time periods of boiler operation as well as a statement of CEM and/or boiler malfunction, start-up or shutdown.
[Rules 62-4.070(3), F.A.C. and 62-213.440(1), F.A.C.]

A.31. Federal NSPS Requirements **-** All applicable recordkeeping and reporting requirements of 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, and 40 CFR 60, Subpart A - General Provisions, shall be met. (See **Appendix NSPS 40 CFR 60 Subpart Db** and **Appendix NSPS 40 CFR 60 Subpart A**.)
[Rule 62-204.800(8), F.A.C.; NSPS 40 CFR 60 Subparts A and Db]

Other Requirements

A.32. Federal New Source Performance Standard (NSPS) Rule Requirements - In addition to the specific conditions listed above, this emissions unit is also subject to the applicable requirements contained in **Appendix NSPS 40 CFR 60 Subpart Db (**Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units) and **Appendix NSPS 40 CFR 60 Subpart A** (General Provisions for 40 CFR 60), which are attached to and made a part of this permit. The applicable requirements for 40 CFR 60 Subpart Db are shown below.

NSPS 40 CFR 60 Subpart Db (01-28-09 FR) Applicable Provision References *

*(Note - **Entire section** applies unless otherwise noted with specific applicable subsection references shown below the section caption.)*

40 CFR Section	
§ 60.40b	Applicability and delegation of authority. (a), (b), and (g)
§ 60.41b	Definitions.
§ 60.43b	Standard for particulate matter (PM). (c)(1), (e), (f), and (g)
§ 60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides. (a), (b), (d), and (j)
§ 60.48b	Emission monitoring for particulate matter and nitrogen oxides. (a)
§ 60.49b	Reporting and recordkeeping requirements. (d), (f), and (h)

(Permitting Note - The above applicability references are based upon current operations as reflected in the initial Title V permit renewal application dated 07/27/10. Any change in operations may change the applicable provisions.)*

[Rules 62-210.800(8), and 62-213.440, F.A.C.; NSPS 40 CFR 60 Subparts Db and A]

A.33. Federal NESHAP Rule Requirements - In addition to the specific conditions listed above, this emissions unit is also subject to the applicable requirements contained in **Appendix NESHAP 40 CFR 60 Subpart JJJJJJ** (National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers Area Sources) and **Appendix NSPS 40 CFR 63 Subpart A** (General Provisions for 40 CFR 63), which are attached to and made a part of this permit. The applicable requirements for 40 CFR 63 Subpart JJJJJJ are shown below.

(continued)

A.33. *(continued)*

NESHAP 40 CFR 63 Subpart JJJJJJ (03-21-11 FR) Applicable Provision References *

*(Note - **Entire section** (or Table) applies unless otherwise noted with specific applicable subsection references shown in **bold** below the section caption.)*

40 CFR
Section

What This Subpart Covers

63.11193 Am I subject to this subpart?

63.11194 What is the affected source of this subpart?
(a)(1) and (b)

63.11196 What are my compliance dates?
(a)(1) & (3)

Emission Limits, Work Practice Standards, Emission Reduction Measures, and Management Practices

63.11200 What are the subcategories of boilers?

63.11201 What standards must I meet?
(b) and (d)

General Compliance Requirements

63.11205 What are my general requirements for complying with this subpart?
(a)

Initial Compliance Requirements

63.11210 What are my initial compliance requirements and by what date must I conduct them?
(c)

63.11214 How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?
(b) and (c)

Continuous Compliance Requirements

63.11223 How do I demonstrate continuous compliance with the work practice and management practice standards?

63.11225 What are my notification, reporting, and recordkeeping requirements?
(a)(1), (2) & (4); (b); (c)(1), (2), (4) & (5); (d); (f); and (g)

(continued)

A.33. *(continued)*

Other Requirements and Information

63.11235 What parts of the General Provisions apply to me?

63.11236 Who implements and enforces this subpart?

63.11237 What definitions apply to this subpart?

Table 2 to Subpart JJJJJJ of Part 63—Work Practice Standards
Items 1. and 3.

Table 8 to Subpart JJJJJJ of Part 63—Applicability of General Provisions to Subpart JJJJJJ

(Permitting Note - The above applicability references are based upon current operations as reflected in the initial Title V permit renewal application dated 07/27/10. Any change in operations may change the applicable provisions.)*

[Rules 62-210.800(11), and 62-213.440, F.A.C.; NESHAP 40 CFR 63 Subparts JJJJJJ and A]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
003	Lime Storage Building – Lime is fed from the lime silo into a slaker to form a high solids slurry. After being screened for grit removal, the solids slurry is stored in an agitated tank. The slurry is then pumped to the spray dryer absorber (SDA) where it is diluted before being introduced into an atomizer located at the inlet of the spray dryer absorber. The lime silo is equipped with a #22 WCC Model 36 bin vent filter dust collector (baghouse). The bin vent filter controls emission exhausted from the silo during silo loading and unloading (transfer of lime out of the silo).

(Permitting note - This emission unit is regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.)

Essential Potential to Emit (PTE) Parameters

B.1. Lime Silo Loading Capacity - The maximum lime silo loading rate shall not exceed 25 tons per hour for each shipment.
[Rule 62-4.160(2), F.A.C. and Rule 62-210.200, F.A.C., Definitions - (PTE); as established in initial Title V Permit 1050216-001-AV]

Emission Limitations and Standards

B.2. Visible Emissions (VE) Limitations - Visible emissions from the lime silo bin vent filter (baghouse) shall not exceed 10% opacity.
[Rule 62-212.400, F.A.C., Construction Permit 1050216-006-AC/PSD-FL-183C]

Compliance Test Methods and Procedures

B.3. Visible Emissions (VE) Testing - Test the lime silo bin vent filter (baghouse) exhaust for visible emissions annually during each federal fiscal year (October 1 to September 30). The test shall be conducted at a silo loading rate that is representative of normal operation conditions to be considered a valid compliance test.
[Rules 62-297.310(7)(a)4, F.A.C. and 62-4.070(3), F.A.C.]

B.4. VE Compliance Test Method - Compliance with the visible emission (VE) limitations of Condition B.2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The minimum requirements for compliance testing shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A.
[Rule 62-297, F.A.C.]

Monitoring of Operations

B.5. Lime Silo Baghouse Pressure Drop Monitoring - The pressure drop across the lime silo baghouse shall be monitored during each compliance test, and a summary of this data shall be included in each emissions test report along with the process/ operating data (quantity and type of material transferred).
[Rule 62-297.310(8), F.A.C., as established in initial Title V Operation Permit 1050216-001-AV and all subsequent Title V operation permits]

Recordkeeping Requirements

B.6. Lime Silo Loading Records - In order to document compliance with Condition B.1, the permittee shall maintain the following Lime Silo loading records:

a. record the hours of loading the silo for each shipment;

b. record the quantity of lime transferred to the silo for each shipment; and

c. record the lime transfer (loading) rate to the silo in tons/hour for each shipment based on a. and b. above (b/a).

The above records shall be completed within 5 business days**.** The records shall be made available for inspection by the Department upon request.
[Rule 62-4.070(3), F.A.C.; as established in initial Title V Permit 1050216-001-AV and all subsequent Title V operation permits]

The specific conditions in this section apply to the following emissions units:

E.U. ID No.	Brief Description
005	Existing Non-Emergency Stationary Compression Ignition (CI) Reciprocating Internal Combustion Engines (RICE) rated at > 500 HP *(subject to NESHAP 40 CFR 63 Subpart ZZZZ)*
006	Existing Non-Emergency Stationary Compression Ignition (CI) Reciprocating Internal Combustion Engines (RICE) rated at ≤ 300 HP *(subject to NESHAP 40 CFR 63 Subpart ZZZZ)*
007	Existing Emergency Generator Stationary Compression Ignition (CI) Reciprocating Internal Combustion Engines (RICE) ≤ 300 HP *(subject to NESHAP 40 CFR 63 Subpart ZZZZ)*

EU 005 - Existing Stationary CI RICE > 500 HP, consists of the following stationary compression ignition (CI) engines at this facility:

Engine Manufacturer -Model	Engine HP Rating	Date (Year) of Manuf./Const.	Engine Location/Purpose
Caterpillar Diesel Model 3412EDITA *	1000	Prior to June 2006	Portable tub grinder (*rental unit which was placed onsite in November 2010 **)*

(40 CFR 63 Subpart ZZZZ Applicability Note – If an engine associated with a tub grinder used at this facility remains at this facility for ≤ 12 consecutive months, then it would be considered as a non-road engine (those which are in or on a portable or transportable piece of equipment which remains at this facility for ≤ 12 consecutive months) and thus not a stationary RICE and not subject to NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines) (Subpart ZZZZ 40 CFR 63.6585(a)).*

EU 006 - Existing Stationary CI RICE < 300 HP, consists of the following stationary compression ignition (CI) engines at this facility:

Engine Manufacturer -Model	Engine HP Rating	Date (Year) of Manuf./Const.	Engine Location/Purpose
Deutz Diesel Model Miller 300 F3L 1011	32	Prior to June 2006	Portable welding machine
Deutz Model Lincoln Vantage 500F4L2011	49	Prior to June 2006	Portable welding machine

EU 007 - Existing Emergency* Generator Stationary CI RICE < 500 HP, consists of the following stationary emergency generator compression ignition (CI) engine at this facility:

Engine Manufacturer - Model	Engine HP Rating	Date (Year) of Manuf./Const.	Emergency Generator Location/Purpose
Detroit Diesel Model 70647312	305	Prior to June 2006	Emergency diesel fire pump *

(Emergency RICE Note – In order to be considered an emergency RICE subject to the 40 CFR 63 Subpart ZZZZ requirements for emergency CI RICE, the engine must be operated in accordance with the requirements specified in 40 CFR 63.6640(f) (see **Appendix NESHAP 40 CFR 63 Subpart ZZZZ**).)*

(Permitting Note - All of the above stationary CI RICE engines are exempt from the construction permit requirements of Rule 62-210.300(1), F.A.C., in accordance with the provisions of Rule 62-210.300(3)(a)36., F.A.C. (i.e., conditional exemption for general purpose internal combustion engines) based on overall fuel usage in accordance with the provisions of this rule.)

(Stationary RICE Engine Listing Note - The above listings of stationary CI RICE engines at this facility is based upon the information submitted in an attachment to a November 5, 2010 letter submitted by the applicant's consultant, Golder Associates, in response to a Department request for additional information on stationary RICE at the facility.)

(40 CFR 60 New Source Performance Standard (NSPS) Applicability Note - NSPS 40 CFR 60 Subpart IIII (Standards of Performance for Stationary Compression Ignition (CI) Internal Combustion Engines) does not apply to any of these CI engines based on their date of manufacture (i.e., before June 12, 2006).

Essential Potential to Emit (PTE) Parameters

C.1. Operating Hours - There are no specific limitations on operating hours for these engines.
(See also the Permitting Note below the descriptions of these emission units.)
[Rules 62-4.160(2), and 62-210.200 (Definitions – Potential to Emit), F.A.C.]

Applicable Federal Requirements

C.2. Federal 40 CFR 63 NESHAP Subpart ZZZZ Requirements - The engines in EU Nos. 005, 006 and 007 are subject to the applicable requirements of NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines), which is attached to this permit as **Appendix NESHAP 40 CFR 63 Subpart ZZZZ**, as it applies to existing RICE at area sources of hazardous air pollutants (HAP). The applicable requirements for each engine category and HP rating range are shown in the **Summary of NESHAP 40 CFR 63 Subpart ZZZZ Applicable Requirements for Existing RICE at Area Sources of HAP**, attached to this permit.
[Rule 62-4.070(3), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

(Compliance Note - The final compliance date for the applicable Subpart ZZZZ requirements for the existing compression ignition (CI) RICE engines at this area source of HAP is 05/03/2013.)

C.3. Federal NESHAP 40 CFR 63 Subpart A General Provisions Requirements - The engines in EU Nos. 005, 006 and 007 are subject to the applicable requirements of NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63), as adopted and incorporated by reference in Rules 62-204.800(11)(d), F.A.C., which is attached to this permit as **Appendix NESHAP 40 CFR 63 Subpart A General Provisions**. The applicable requirements of Subpart A are shown in Table 8 to 40 CFR 63 Subpart ZZZZ *(see **Appendix NESHAP 40 CFR 63 Subpart ZZZZ**)*.
[Rule 62-208.800(11)(d), F.A.C.; NESHAP 40 CFR 63 Subpart ZZZZ]

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary

Appendix BD, BACT Determination (issued February 14, 1997)

Appendix CAM, Compliance Assurance Monitoring Plan

Appendix I, List of Insignificant Emissions Units and/or Activities

Appendix NESHAP 40 CFR 63 Subpart A (General Provisions for 40 CFR 63)

Appendix NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Appendix NESHAP 40 CFR 63 Subpart JJJJJJ (Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources)

Appendix NSPS 40 CFR 60 Subpart A (General Provisions for 40 CFR 60)

Appendix NSPS, Subpart D_b (Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units)

Appendix RR, Facility-wide Reporting Requirements

Appendix TR, Facility-wide Testing Requirements

Appendix TV, Title V General Conditions

Appendix U, List of Unregulated Emissions Units and/or Activities

Summary of NESHAP 40 CFR 63 Subpart ZZZZ Applicable Requirements for Existing RICE at Area Sources

REFERENCED ATTACHMENTS.

The Following Attachments Are Included for Applicant Convenience:

Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996)

Statement of Basis

Table H, Permit History

Table 1, Summary of Air Pollutant Standards and Terms

Table 2, Compliance Requirements