

Derenzo and Associates, Inc.

Environmental Consultants

November 19, 2007

Ms. Trina Vielhauer, Bureau Chief
Bureau of Air Regulation
Division of Air Resource Management
Department of Environmental Protection
STATE OF FLORIDA
2600 Blair Stone Road, MS 5505
Tallahassee, FL 32399-2400

RECEIVED

NOV 21 2007

BUREAU OF AIR REGULATION

Subject: Brevard Energy, LLC, File No. 0090069-004-AC
PSD Air Construction Permit Application for Significant Modification to landfill gas fueled
electricity generation facility

Dear Ms. Vielhauer:

Derenzo and Associates, Inc. (Derenzo and Associates), on behalf of Brevard Energy, LLC, is submitting to the Florida Department of Environmental Protection, Division of Air Resource Management four (4) copies of an Air Construction Permit application for significant modifications to the permitted landfill gas (LFG) fueled internal combustion (IC) engine electricity generation facility at the Brevard County Central Disposal Facility in Brevard County Florida (Air Construction Permit 0090069-004-AC, PSD-FL-378).

A check payable to the Florida Department of Environmental Protection for \$7,500 is attached to this cover letter with an original set of signed permit application forms. This fee is required to cover the Air Construction Permit application review services for a facility that is subject to Prevention of Significant Deterioration rules.

Appendix A of the enclosed documents provides copies of the completed Department of Environmental Protection Division of Air Resources Management Application for Air Permit - Long Form (original signed documents are attached to this cover letter).

Sincerely,

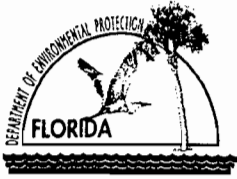
DERENZO AND ASSOCIATES, INC.



Robert L. Harvey
Engineering Services Manager

enclosures

c: Scott Salisbury, Brevard Energy, w/enclosure



Department of Environmental Protection

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

I. APPLICATION INFORMATION

Air Construction Permit – Use this form to apply for an air construction permit for a proposed project:

- subject to prevention of significant deterioration (PSD) review, nonattainment area (NAA) new source review, or maximum achievable control technology (MACT) review; or
- where the applicant proposes to assume a restriction on the potential emissions of one or more pollutants to escape a federal program requirement such as PSD review, NAA new source review, Title V, or MACT; or
- at an existing federally enforceable state air operation permit (FESOP) or Title V permitted facility.

Air Operation Permit – Use this form to apply for:

- an initial federally enforceable state air operation permit (FESOP); or
- an initial/revised/renewal Title V air operation permit.

Air Construction Permit & Revised/Renewal Title V Air Operation Permit (Concurrent Processing Option) – Use this form to apply for both an air construction permit and a revised or renewal Title V air operation permit incorporating the proposed project.

To ensure accuracy, please see form instructions.

Identification of Facility

1. Facility Owner/Company Name: Brevard Energy, LLC	
2. Site Name: Brevard Energy	
3. Facility Identification Number: 0090069-004-AC, PSD-FL-378	
4. Facility Location... Street Address or Other Locator: 2250 Adamson Road City: Cocoa County: Brevard Zip Code: 32926	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (landfill – yes)

Application Contact

1. Application Contact Name: David Derenzo	
2. Application Contact Mailing Address Organization/Firm: Derenzo and Associates, Inc. Street Address: 39395 Schoolcraft Road City: Livonia State: MI Zip Code: 48150	
3. Application Contact Telephone Numbers... Telephone: (734) 464 - 3880 ext. Fax: (734) 464 - 4368	
4. Application Contact Email Address: dderenzo@derenzo.com	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	11-21-07
2. Project Number(s):	0090069-006-AC
3. PSD Number (if applicable):	PSD-FL-378A
4. Siting Number (if applicable):	

APPLICATION INFORMATION

Purpose of Application

This application for air permit is submitted to obtain: (Check one)

Air Construction Permit

Air construction permit.

Air Operation Permit

Initial Title V air operation permit.

Title V air operation permit revision.

Title V air operation permit renewal.

Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.

Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

Air Construction Permit and Revised/Renewal Title V Air Operation Permit (Concurrent Processing)

Air construction permit and Title V permit revision, incorporating the proposed project.

Air construction permit and Title V permit renewal, incorporating the proposed project.

Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:

I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

Application Comment

Brevard Energy, LLC has been issued a PSD Air Construction Permit for the operation of a landfill gas fired electricity generation facility. Analysis of the landfill gas (fuel) generated at the Central Disposal Facility for its sulfur content indicate the calculated sulfur dioxide (SO₂) emission factors exceed the existing permit limit for SO₂ of 27.5 lb/MMscf.

Therefore, Brevard Energy requests that conditions of Permit PSD-FL-378 be modified to increase the SO₂ emission factor and emission rate that is allowed for the permitted facility. The magnitude of the SO₂ emission rate increase that is proposed for the permitted facility exceeds the Prevention of Significant Deterioration (PSD) significant emission rate threshold for SO₂ of 40 tons per year (TpY).

In addition, Brevard Energy is requesting modifications to the compliance demonstration requirements specified in the permit for determination of PM₁₀ emissions.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Proc. Fee
EU No. 004- 009	Six (6) identical landfill gas fueled IC engines and electricity generators (Caterpillar Model G3520C)	AC1A	\$7,500

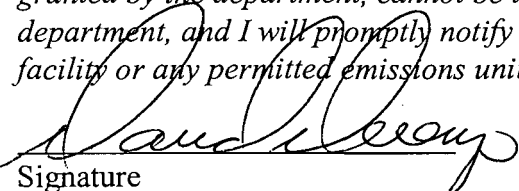
Application Processing Fee

Check one: Attached - Amount: \$ 7,500 Not Applicable

APPLICATION INFORMATION

Owner/Authorized Representative Statement

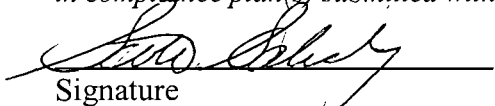
Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name : David R. Derenzo
2. Owner/Authorized Representative Mailing Address: Organization/Firm: Derenzo and Associates, Inc. Street Address: 39395 Schoolcraft Road City: Livonia State: Michigan Zip Code: 48150
3. Owner/Authorized Representative Telephone Numbers... Telephone: (734) 464 – 3880 ext. Fax: (734) 464 – 4368
4. Owner/Authorized Representative Email Address: <u>dderenzo@derenzo.com</u>
5. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative of the facility addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other requirements identified in this application to which the facility is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit.</i>  Signature November 7, 2007 Date

APPLICATION INFORMATION

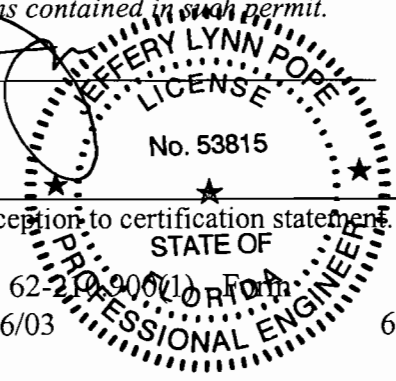
Application Responsible Official Certification

Complete if applying for an initial/revised/renewal Title V permit or concurrent processing of an air construction permit and a revised/renewal Title V permit. If there are multiple responsible officials, the "application responsible official" need not be the "primary responsible official."

1. Application Responsible Official Name: Scott Salisbury (Managing Member)
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input checked="" type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source.
3. Application Responsible Official Mailing Address... Organization/Firm: Brevard Energy, L.L.C. Street Address: 29261 Wall Street City: Wixom State: MI Zip Code: 48393
4. Application Responsible Official Telephone Numbers... Telephone: (248) 380 - 3920 ext. Fax: (248) 380 - 2038
5. Application Responsible Official Email Address: <u>Scott.Salisbury@landfillenergy.com</u>
6. Application Responsible Official Certification: <i>I, the undersigned, am a responsible official of the Title V source addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other applicable requirements identified in this application to which the Title V source is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.</i>  Signature November 8, 2007 Date

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Jeffery L. Pope, P.E. Registration Number: 53815
2. Professional Engineer Mailing Address. Organization/Firm: Burns & McDonnell Street Address: 1431 Opus Place, Suite 400 City: Downers Grove State: IL Zip Code: 60515-1164
3. Professional Engineer Telephone Numbers. Telephone: (630) 724-3328 ext. Fax: (630) 724 - 3201
4. Professional Engineer Email Address: jpope@burnsmcd.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i> <i>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/> , if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.</i> <i>(4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/> , if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input type="checkbox"/> , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.</i> <i>(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/> , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</i> Signature _____ Date <u>11/16/07</u> (seal) 

* Attach any exception to certification statement.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates... Zone 17 East (km) 516.749 North (km) 3140.571		2. Facility Latitude/Longitude... Latitude (DD/MM/SS) 28/23/35.63 Longitude (DD/MM/SS) 80/49/43.80	
3. Governmental Facility Code: 0	4. Facility Status Code: C	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4953
7. Facility Comment : Electricity generation facility is located on leased land at the Central Disposal Facility (east of landfill).			

Facility Contact

1. Facility Contact Name: Michael Laframboise
2. Facility Contact Mailing Address... Organization/Firm: Landfill Energy Systems Street Address: 29261 Wall Street City: Wixom State: MI Zip Code: 48393
3. Facility Contact Telephone Numbers: Telephone: (248) 380-3920 ext. Fax: (284) 380-2038
4. Facility Contact Email Address: Michael.laframboise@landfillenergy.com

Facility Primary Responsible Official

Complete if an “application responsible official” is identified in Section I. that is not the facility “primary responsible official.”

1. Facility Primary Responsible Official Name: Scott Salisbury
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Brevard Energy, LLC Street Address: 29261 Wall Street City: Wixom State: MI Zip Code: 48393
3. Facility Primary Responsible Official Telephone Numbers... Telephone: (248) 380 – 3920 ext. Fax: (248) 380 – 2038
4. Facility Primary Responsible Official Email Address: Scott.Salisbury@landfillenergy.com

FACILITY INFORMATION

Facility Regulatory Classifications

Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a “major source” and a “synthetic minor source.”

1. <input type="checkbox"/> Small Business Stationary Source	<input checked="" type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source	
3. <input checked="" type="checkbox"/> Title V Source	
4. <input checked="" type="checkbox"/> Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5. <input type="checkbox"/> Synthetic Minor Source of Air Pollutants, Other than HAPs	
6. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7. <input checked="" type="checkbox"/> Synthetic Minor Source of HAPs	
8. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9. <input type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11. <input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12. Facility Regulatory Classifications Comment: The permitted Brevard Energy LFG fueled IC engine electricity generation facility is a major source of carbon monoxide (CO) under State and federal PSD permitting programs.	

FACILITY INFORMATION

List of Pollutants Emitted by Facility

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
CO	A	N
NOX	B	N
VOC	B	Y
PM10	B	N
SO2	B	N
HAPS	B	N
H106	SM	Y

FACILITY INFORMATION

B. EMISSIONS CAPS

Facility-Wide or Multi-Unit Emissions Caps

1. Pollutant Subject to Emissions Cap	2. Facility Wide Cap [Y or N]? (all units)	3. Emissions Unit ID No.s Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
VOC	Y			36	ESCPSD
H106	Y			10	ESCMACT

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

The 36 ton per year (TpY) gas engine total VOC emission is based on a voluntary limitation that is 90% of the 40 TpY significant emission threshold. The CAT[®] G3520C engine is designed to produce low NO_x emissions. These lower emissions are produced in part based on the high carbon dioxide content of LFG fuels that results in cooler combustion temperatures, which influence VOC destruction and control efficiencies. Therefore, flexibility in establishing an allowable limit is required to ensure ongoing compliance over all engine fuel quality and mechanical operating conditions.

Brevard Energy experience (based on emission testing performed by Landfill Energy Systems on similar LFG fueled engines) indicates that the AP-42 default LFG constituent concentrations overestimate the potential HCl content of the gas generated at the Central Disposal Facility. Therefore, Brevard Energy will restrict the allowed HCl emissions from the proposed engine operations to less than 10 TpY through appropriate permit limits.

FACILITY INFORMATION

C. FACILITY ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1. Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix D</u> <input type="checkbox"/> Previously Submitted, Date: _____
2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix D</u> <input type="checkbox"/> Previously Submitted, Date: _____
3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Page 12a</u> <input type="checkbox"/> Previously Submitted, Date: _____

Additional Requirements for Air Construction Permit Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix D</u> <input type="checkbox"/> Not Applicable (existing permitted facility)
2. Description of Proposed Construction or Modification: <input checked="" type="checkbox"/> Attached, Document ID: <u>Technical Document, Section 2</u>
3. Rule Applicability Analysis: <input checked="" type="checkbox"/> Attached, Document ID: <u>Technical Document, Sections 5 - 7</u>
4. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.): <input checked="" type="checkbox"/> Attached, Document ID: <u>Page 12a</u> <input type="checkbox"/> Not Applicable (no exempt units at facility)
5. Fugitive Emissions Identification (Rule 62-212.400(2), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Preconstruction Air Quality Monitoring and Analysis (Rule 62-212.400(5)(f), F.A.C.): <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix G</u> <input type="checkbox"/> Not Applicable
7. Ambient Impact Analysis (Rule 62-212.400(5)(d), F.A.C.): <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix G</u> <input type="checkbox"/> Not Applicable
8. Air Quality Impact since 1977 (Rule 62-212.400(5)(h)5., F.A.C.): <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix G</u> <input type="checkbox"/> Not Applicable
9. Additional Impact Analyses (Rules 62-212.400(5)(e)1. and 62-212.500(4)(e), F.A.C.): <input checked="" type="checkbox"/> Attached, Document ID: <u>Technical Document, Section 8</u> <input type="checkbox"/> Not Applicable
10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

FACILITY INFORMATION

Additional Requirements for FESOP Applications

- | |
|--|
| 1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.):
<input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable (no exempt units at facility) |
|--|

Additional Requirements for Title V Air Operation Permit Applications

- | |
|---|
| 1. List of Insignificant Activities (Required for initial/renewal applications only):
<input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable (revision application) |
|---|

- | |
|--|
| 2. Identification of Applicable Requirements (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought): |
|--|

- | |
|--|
| <input type="checkbox"/> Attached, Document ID: _____ |
| <input type="checkbox"/> Not Applicable (revision application with no change in applicable requirements) |

- | |
|---|
| 3. Compliance Report and Plan (Required for all initial/revision/renewal applications): |
|---|

- | |
|---|
| <input type="checkbox"/> Attached, Document ID: _____ |
|---|

Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing.

- | |
|---|
| 4. List of Equipment/Activities Regulated under Title VI (If applicable, required for initial/renewal applications only): |
|---|

- | |
|--|
| <input type="checkbox"/> Attached, Document ID: _____ |
| <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed |
| <input type="checkbox"/> Not Applicable |

- | |
|---|
| 5. Verification of Risk Management Plan Submission to EPA (If applicable, required for initial/renewal applications only) : |
|---|

- | |
|---|
| <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable |
|---|

- | |
|---|
| 6. Requested Changes to Current Title V Air Operation Permit: |
|---|

- | |
|---|
| <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable |
|---|

Additional Requirements Comment

An Air Operation Permit (modification of the Central Disposal Facility Title V Permit) will be pursued as a separate permitting activity (as recommended by Mr. Jeff Koerner of the FDEP-DARM).

C. FACILITY ADDITIONAL INFORMATION

ATTACHMENT (12a)

Precautions to Prevent Emissions of Unconfined Particulate Matter

(4) General Particulate Emission Limiting Standards ...

(b) General Visible Emission Standard.

1. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than ... (20 percent opacity).

Experience obtained by manufacturers and operators of LFG fueled IC engines indicates that visible emissions from the CAT[®] G3520C gas IC engines will be insignificant (emissions are not expected to be visible during normal engine operations).

(c) Unconfined Emissions of Particulate Matter.

1. No person shall cause, let, permit, suffer or allow the emission of unconfined particulate matter from any activity ... without taking reasonable precautions to prevent such emissions...

3. Reasonable precautions include the following:

a. Paving and maintenance of roads, parking areas and yards.

b. Application of water or chemicals to control emissions from such activities as ... grading roads, construction, and land clearing.

Brevard Energy will take appropriate precautions to prevent unconfined emissions of particulate emissions during the construction and operating activities of the proposed LFG fueled electricity generation facility.

Exempt Emission Units

The IC engine lube oil (new and used) storage tanks are permit exempt emission units based on the type and quantities of stored material (and its very low vapor pressures).

EMISSIONS UNIT INFORMATION

Section [1] of [1]

A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in this Section: (Check one)

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in this Section:

Six (6) CAT G3520C IC engine electricity generator sets (each with its own exhaust stack)

3. Emissions Unit Identification Number: EU 004 though 009

4. Emissions Unit Status Code: C	5. Commence Construction Date:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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9. Package Unit:
Manufacturer: Caterpillar, Inc. Model Number: G3520C

10. Generator Nameplate Rating: 1.6 MW (each engine generator set, 9.6 MW total capacity)

11. Emissions Unit Comment:

EU004 : ICE1 – stack1 (1.6 MW) EU007 : ICE4 – stack4 (1.6 MW)
 EU005 : ICE2 – stack2 (1.6 MW) EU008 : ICE5 – stack5 (1.6 MW)
 EU006 : ICE3 – stack3 (1.6 MW) EU009 : ICE6 – stack6 (1.6 MW)

EMISSIONS UNIT INFORMATION

Section [1] of [1]

Emissions Unit Control Equipment

1. Control Equipment/Method(s) Description:

Add-on air pollutant emission controls will not be installed on the proposed electricity generation facility IC engines.

The CAT[®] G3520C gas IC engine 2.75 g/bhp-hr CO emission rate is based on the results of Best Available Control Technology (BACT) analyses (presented with the initial construction permit application in June 2006).

The CAT[®] G3520C gas IC engine 0.60 g/bhp-hr NO_x emission rate is based on the results of BACT analyses (presented with the initial construction permit application in June 2006).

The CAT[®] G3520C gas IC engine 0.24 g/bhp-hr PM₁₀ emission rate is based on the results of BACT analyses (presented with the initial construction permit application in June 2006).

2. Control Device or Method Code(s):

EMISSIONS UNIT INFORMATION

Section [1] of [1]

**C. EMISSION POINT (STACK/VENT) INFORMATION
(Optional for unregulated emissions units.)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: ICE1 – ICE6		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking: Six (6) identical IC engine generators, each engine has an exhaust stack (6 exhaust stacks, 1 for each engine).			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: EU004 = ICE1 stack 1 EU007 = ICE4 stack 4 EU005 = ICE2 stack 2 EU008 = ICE5 stack 5 EU006 = ICE3 stack 3 EU009 = ICE6 stack 6			
5. Discharge Type Code: V	6. Stack Height: feet 20		7. Exit Diameter: feet 1.5
8. Exit Temperature: °F 900	9. Actual Volumetric Flow Rate: acfm 12,050	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm 4,150		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: 17 East (km): 516.749 North (km): 3140.571		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) 28/23/35.63 Longitude (DD/MM/SS) 80/49/43.80	
15. Emission Point Comment: Stack1-ICE1 Stack2-ICE2 Stack3-ICE3 Stack4-ICE4 Stack5-ICE5 Stack6-ICE6			

EMISSIONS UNIT INFORMATION

Section [1] of [1]

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type): Landfill gas used exclusively to fuel 6 IC engines Air pollutant emissions (g/bhp-hr) are related to engine base load horsepower (2233 hp/hr) or maximum fuel use pound per million cubic feet of gas consumed (lb/MMscf).		
2. Source Classification Code (SCC): 20100802		3. SCC Units: MMcf of gas
4. Maximum Hourly Rate: 0.2092	5. Maximum Annual Rate: 1,832	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 0.051	8. Maximum % Ash: 0	9. Million Btu per SCC Unit: 420 (LHV)
10. Segment Comment: Hourly and annual maximum fuel use rates for the operation of 6 IC engines based on fuel heating value of 420 Btu/scf (LHV). Sulfur content based on LFG containing 455 ppmv as H ₂ S.		

EMISSIONS UNIT INFORMATION

Section [1] of [1]

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
CO			EL
NOX			EL
VOC			EL
PM10			EL
SO2			EL
HAPS			EL
H106			EL

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: CO	2. Total Percent Efficiency of Control:
3. Potential Emissions: 81.24 lb/hour 355.8 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 2.75 g/bhp-hr Reference: BACT	7. Emissions Method Code: 5
8. Calculation of Emissions: (2.75 g/bhp-hr) (2233 bhp/ICE) / (453.6 g/lb) = 13.54 lb/hr per ICE (13.54 lb/hr/ICE) (6 ICE) = 81.24 lb/hr for facility (81.24 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 355.8 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 13.54 lb/hour/engine, 59.3 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: NOX	2. Total Percent Efficiency of Control:
3. Potential Emissions: 17.72 lb/hour 77.6 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 0.60 g/bhp-hr Reference: BACT	7. Emissions Method Code: 5
8. Calculation of Emissions: (0.60 g/bhp-hr) (2233 bhp/ICE) / (453.6 g/lb) = 2.95 lb/hr per ICE (2.95 lb/hr/ICE) (6 ICE) = 17.72 lb/hr for facility (17.72 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 77.62 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 2.95 lb/hour/engine, 12.9 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: VOC	2. Total Percent Efficiency of Control:
3. Potential Emissions: 8.22 lb/hour 36.0 tons/year	4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: Reference: 90% of 40 ton/year significance threshold	7. Emissions Method Code: 0
8. Calculation of Emissions: (0.278 g/bhp-hr) (2233 bhp/ICE) / (453.6 g/lb) = 1.37 lb/hr per ICE (1.37 lb/hr/ICE) (6 ICE) = 8.22 lb/hr for facility (8.21 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 36.0 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 1.37 lb/hour/engine, 6.0 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: PM10	2. Total Percent Efficiency of Control:
3. Potential Emissions: 7.08 lb/hour 31.0 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 0.24 g/bhp-hr Reference: BACT	7. Emissions Method Code: 5
8. Calculation of Emissions: (0.24 g/bhp-hr) (2233 bhp/ICE) / (453.6 g/lb) = 1.18 lb/hr per ICE (1.18 lb/hr/ICE) (6 ICE) = 7.08 lb/hr for facility (7.08 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 31.0 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 1.18 lb/hour/engine, 5.17 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: SO2	2. Total Percent Efficiency of Control:
3. Potential Emissions: 15.65 lb/hour 68.7 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 75.65 lb/MMscf fuel burned (based on 455 ppm as H ₂ S)	7. Emissions Method Code: 2
8. Calculation of Emissions: $(455 \text{ scf H}_2\text{S/MMscf}) (\text{scf SO}_2/\text{scf H}_2\text{S}) (64.06 \text{ lb SO}_2/\text{mol}) / (385 \text{ scf/mol}) = 75.65 \text{ lb/MMscf}$ $(75.65 \text{ lb/MMscf}) (581 \text{ cf/min}) (60 \text{ min/hr}) / (1 \times 10^6) = 2.64 \text{ lb/hr per ICE}$ $(2.64 \text{ lb/hr/ICE}) (6 \text{ ICE}) = 15.82 \text{ lb/hr for facility}$ $(15.82 \text{ lb/hr}) (8760 \text{ hr/yr}) / (2000 \text{ lb/ton}) = 69.3 \text{ tons/yr for facility}$	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 2.64 lb/hour/engine, 11.55 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: HAPS	2. Total Percent Efficiency of Control:
3. Potential Emissions: 2.89 lb/hour 12.60 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 13.8 lb/MMcf (AP-42 calculation)	7. Emissions Method Code: 3
8. Calculation of Emissions: (13.8 lb/MMcf) (581 cf/min) (60 min/hr) / (1 x 10 ⁶) = 0.48 lb/hr per ICE (0.48 lb/hr/ICE) (6 ICE) = 2.89 lb/hr for facility (2.89 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 12.6 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: 0.48 lb/hour/engine, 2.11 tons/year/engine	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

Potential/Estimated Fugitive Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: H106	2. Total Percent Efficiency of Control:
3. Potential Emissions: lb/hour <10.0 tons/year	4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 10.9 lb/MMscf (permitted limit)	7. Emissions Method Code: 2
8. Calculation of Emissions: (10.9 lb/MMcf) (581 cf/min) (60 min/hr) / (1 x 10 ⁶) = 0.38 lb/hr per ICE (0.38 lb/hr/ICE) (6 ICE) = 2.28 lb/hr for facility (2.28 lb/hr) (8760 hr/yr) / (2000 lb/ton) = 10.0 tons/yr for facility	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: <1.66 tons/yr/engine, total <10.0 tons/year/facility	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

POLLUTANT DETAIL INFORMATION

Page [1] of [3]

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -
ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: CO 2.75 g/bhp-hr	4. Equivalent Allowable Emissions: 81.24 lb/hour 355.8 tons/year
5. Method of Compliance: Engine exhaust stack emissions testing (one engine annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-212.400	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: NOX 0.60 g/bhp-hr	4. Equivalent Allowable Emissions: 17.72 lb/hour 77.6 tons/year
5. Method of Compliance: Engine exhaust stack emissions testing (one engine annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-212.400	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: VOC 35.5 ppmvd as hexane 3% O2	4. Equivalent Allowable Emissions: 8.22 lb/hour 36.0 tons/year
5. Method of Compliance: Engine exhaust stack emissions testing (once every five years)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-212.400	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -
ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: PM10 0.24 g/bhp-hr	4. Equivalent Allowable Emissions: 7.08 lb/hour 31.0 tons/year
5. Method of Compliance: Engine exhaust stack emissions testing (one engine annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-212.400	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: SO2 75.65 lb/MMscf	4. Equivalent Allowable Emissions: 15.82 lb/hour 69.3 tons/year
5. Method of Compliance: Engine fuel sulfur content analysis (semi-annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-212.400	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: ESCMACT	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: HAPS 27.3 lb/MMscf	4. Equivalent Allowable Emissions: lb/hour <25.0 tons/year
5. Method of Compliance: Engine fuel HAPs content analysis (gas sample semi-annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-204.800	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -
ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: ESCMACT	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: H106 <10.9 lb/MMscf	4. Equivalent Allowable Emissions: lb/hour <10.0 tons/year
5. Method of Compliance: Engine exhaust stack emissions testing (one engine annually)	
6. Allowable Emissions Comment (Description of Operating Method): Rule 62-204.800	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 20 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: Engine exhaust stack emissions testing (one engine annually)	
5. Visible Emissions Comment: Rule 62-296.320 Experience obtained by manufacturers and operators of LFG fueled IC engines indicates that visible emissions from LFG fueled IC engines will be insignificant (emissions are not expected to be visible during normal engine operations).	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1. Process Flow Diagram (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix D</u> <input type="checkbox"/> Previously Submitted, Date _____
2. Fuel Analysis or Specification (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix C</u> <input type="checkbox"/> Previously Submitted, Date _____
3. Detailed Description of Control Equipment (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Section 3</u> <input type="checkbox"/> Previously Submitted, Date _____
4. Procedures for Startup and Shutdown (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date _____ <input checked="" type="checkbox"/> Not Applicable (construction application)
5. Operation and Maintenance Plan (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>June 2006</u> <input type="checkbox"/> Not Applicable
6. Compliance Demonstration Reports/Records <input type="checkbox"/> Attached, Document ID: _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> Previously Submitted, Date: _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> To be Submitted, Date (if known): _____ Test Date(s)/Pollutant(s) Tested: _____ <input checked="" type="checkbox"/> Not Applicable Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.
7. Other Information Required by Rule or Statute <input checked="" type="checkbox"/> Attached, Document ID: <u>Sections 1 - 8</u> <input type="checkbox"/> Not Applicable

EMISSIONS UNIT INFORMATION

Section [1] of [1]

Additional Requirements for Air Construction Permit Applications

1. Control Technology Review and Analysis (Rules 62-212.400(6) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e)) <input checked="" type="checkbox"/> Attached, Document ID: <u>Section 6.0</u> <input type="checkbox"/> Not Applicable
2. Good Engineering Practice Stack Height Analysis (Rule 62-212.400(5)(h)6., F.A.C., and Rule 62-212.500(4)(f), F.A.C.) <input checked="" type="checkbox"/> Attached, Document ID: <u>Appendix G</u> <input type="checkbox"/> Not Applicable
3. Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (submitted with initial construction permit application)

Additional Requirements for Title V Air Operation Permit Applications

1. Identification of Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____
2. Compliance Assurance Monitoring <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
3. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
4. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

5. Acid Rain Part Application

- Certificate of Representation (EPA Form No. 7610-1)
 - Copy Attached, Document ID: _____
- Acid Rain Part (Form No. 62-210.900(1)(a))
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- New Unit Exemption (Form No. 62-210.900(1)(a)2.)
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.)
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- Phase II NOx Averaging Plan (Form No. 62-210.900(1)(a)5.)
 - Attached, Document ID: _____
 - Previously Submitted, Date: _____
- Not Applicable