



**WHEELABRATOR RIDGE ENERGY INC.**  
A WASTE MANAGEMENT COMPANY

3131 K-ville Avenue  
Auburndale, FL 33823  
(863) 665-2255  
(863) 665-0400 Fax

BUREAU OF AIR REGULATION

Certified Mail 7000-0520-0014-8793-1144

May 3, 2000

MAY 08 2000

RECEIVED

Mr. John Reynolds  
Mail Stop 5505  
Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**RE: Wheelabrator Ridge Energy - Title V Permit No. 1050216-001-AV;  
Modification to PSD Permit AC53-206244 (PSD-FL-183A) and Title V  
Air Operating Permit 1050216-001-AV;  
Construction of High Efficiency Wet Scrubber System for Ash Handling  
Building Ventilation.  
Application Modification**

Dear Mr. Reynolds:

As Gerald Kissel from the Southwest District requested during his May 2 conversation with John Neil, attached please find a revised page 4 of the Department's Form No. 62-210.900(1); Application for Air Permit - Long Form for insertion in Wheelabrator Ridge Energy's application.

If you have any questions please contact John Neil at (863) 665-2255 Ext 250.

Sincerely Yours

John N Rivara  
Plant Manager

cc G. Kissel (DEP Southwest District)  
T. Porter (WESI)

cc: File  
EPA  
NPS  
pelk CO.

**Purpose of Application and Category**

Check one (except as otherwise indicated):

**Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: \_\_\_\_\_

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: \_\_\_\_\_

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with air construction permit application. Also check Category III.

Operation permit to be revised/corrected: **1050216-001-AV** \_\_\_\_\_

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

\_\_\_\_\_

Department of  
Environmental Protection

FLORIDA DEP LOGO

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and the professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: <b>Wheelabrator Ridge Energy Inc.</b>	
2. Site Name: <b>Ridge Generating Station</b>	
3. Facility Identification Number: <input type="checkbox"/> Unknown <b>1050216</b>	
4. Facility Location: <b>3131 K-Ville Avenue</b> Street Address or Other Locator: City: <b>Auburndale</b> County: <b>Polk</b> Zip Code: <b>33823</b>	
5. Relocatable Facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	<b>May 2, 2000</b>
2. Permit Number:	<b>1050216-004-AC</b>
3. PSD Number (if applicable):	<b>PSD-F1-292</b>
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:

**John N. Rivara - Plant Manager**

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: **Wheelabrator Ridge Energy Inc.**

Street Address: **3131 K-Ville Avenue**

City: **Auburndale** State: **Florida**

Zip Code: **33823**

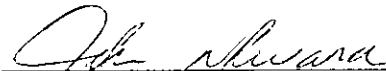
3. Owner/Authorized Representative or Responsible Official Telephone Numbers:

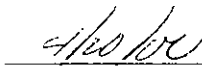
Telephone: **(863) 665-2255**

Fax: **(863) 665-0400**

4. Owner/Authorized Representative or Responsible Official Statement:

*I, the undersigned, am the owner or authorized representative\* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. 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 unit 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. 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 any permitted emissions unit.*

  
Signature

  
Date

\* Attach letter of authorization if not currently on file.

**Scope of Application**

This application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
002	Ash Handling Building Wet Scrubber System	AC1E

**Purpose of Application and Category**

Check one (except as otherwise indicated):

**Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title-V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: \_\_\_\_\_

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: \_\_\_\_\_

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with air construction permit application. Also check Category III.

Operation permit to be revised/corrected: \_\_\_\_\_

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

\_\_\_\_\_

**Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): \_\_\_\_\_

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: \_\_\_\_\_

- Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

**Category III: All Air Construction Permit Applications for All Facilities and Emissions Units**

This Application for Air Permit is submitted to obtain:

- Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: **1050216-001-AV**

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): \_\_\_\_\_

- Air construction permit for one or more existing, but unpermitted, emissions units.

**Application Processing Fee**

Check one:

Attached - Amount: \$ 80,000

Not Applicable.

**Construction /Modification Information**

1. Description of Proposed Project or Alterations: **Installation of a 20,000 cfm TRI-MER High Efficiency Wet Scrubber on reconstructed ash handling system building. To provide building ventilation for employee safety.**

2. Projected or Actual Date of Commencement of Construction:

**June 2, 2000**

3. Projected Date of Completion of Construction:

**July 31, 2000**

**Professional Engineer Certification**

1. Professional Engineer Name: Elizabeth A. Broadway, P.E.

Registration Number: PE 38558

2. Professional Engineer Mailing Address:

Organization/Firm: Tondelli Engineering, P.A.

Street Address: 3606 West Swann Avenue

City: Tampa

State: FL

Zip Code: 33609

3. Professional Engineer Telephone Numbers:

Telephone: (813) 875-2929

Fax: (813) 874-3001



4. Professional Engineer Statement:

I, the undersigned, hereby certify except as particularly noted herein\*, that:

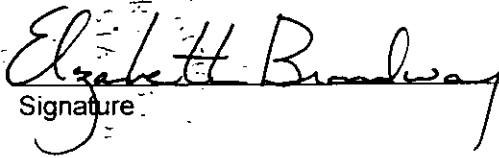
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(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.

If the purpose of this application is to obtain a Title V source air operation permit (check here  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 schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here  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.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here  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.

  
Signature

4/19/00  
Date

(seal)

\* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact: <b>John Neil Director of Health, Safety and Environmental Compliance</b>		
2. Application Contact Mailing Address: Organization/Firm: <b>Wheelabrator Ridge Energy Inc.</b> Street Address: <b>3131 K-Ville Avenur</b> City: <b>Auburndale</b> State: <b>Florida</b> Zip Code: <b>33823</b>		
3. Application Contact Telephone Numbers: Telephone: <b>(863) 665-2255</b> Fax: <b>(863) 665-0400</b>		

Application Comment

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: <b>17</b> East (km): <b>416.7</b> North (km): <b>3100.4</b>			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): Longitude (DD/MM/SS):			
3. Governmental Facility Code: <b>0</b>	4. Facility Status Code: <b>A</b>	5. Facility Major Group SIC Code: <b>49</b>	6. Facility SIC(s): <b>4911</b>
7. Facility Comment (limit to 500 characters):			

Facility Contact

1. Name and Title of Facility Contact: <b>John Neil - Director of Health, Safety and Environmental Compliance</b>			
2. Facility Contact Mailing Address: Organization/Firm: <b>Wheelabrator Ridge Energy Inc</b> Street Address: <b>3131 K-Ville Avenue</b> City: <b>Auburndale</b> State: <b>Florida</b> Zip Code: <b>33823</b>			
3. Facility Contact Telephone Numbers: Telephone: <b>(863) 665-2255</b> Fax: <b>(863) 665-0400</b>			

## Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V source by EPA Designation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters):

**B. FACILITY REGULATIONS**

**Rule Applicability Analysis** (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

**Not Applicable**

**List of Applicable Regulations** (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)


C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
<b>SO2 - Sulfur Dioxide</b>	<b>A</b>
<b>VOC - Volatile Organic Compounds</b>	<b>B</b>
<b>PM10 - Particulate Matter - PM10</b>	<b>B</b>
<b>NOX - Nitrogen Oxides</b>	<b>A</b>
<b>CO - Carbon Monoxide</b>	<b>A</b>
<b>H106 - Hydrogen Chloride</b>	<b>A</b>
<b>H021 - Beryllium</b>	<b>B</b>
<b>PB - Lead</b>	<b>B</b>
<b>H114 - Mercury</b>	<b>B</b>
<b>SAM - Sulfuric Acid Mist</b>	<b>B</b>
<b>H107 - Benzene</b>	<b>B</b>
<b>H015 - Arsenic</b>	<b>B</b>
<b>DIOX - Dioxins/Furans</b>	<b>B</b>
<b>H027 - Cadmium</b>	<b>B</b>
<b>H046 - Chromium</b>	<b>B</b>
<b>H150 - Polychlorinated BiPhenyls</b>	<b>B</b>
<b>HAPS - Total Haps</b>	<b>A</b>

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information: Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		



E. FACILITY SUPPLEMENTAL INFORMATION

**Supplemental Requirements for Applications:**

1. Area Map Showing Facility Location:		
<input checked="" type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
2. Facility Plot Plan:		
<input checked="" type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s):		
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter:		
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification:		
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application:		
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	

**Additional Supplemental Requirements for Category I Applications Only**

7. List of Proposed Exempt Activities:	
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI:	
<input type="checkbox"/> Attached, Document ID: _____	
<input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed	
<input checked="" type="checkbox"/> Not Applicable	
9. Alternative Methods of Operation:	
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
10. Alternative Modes of Operation (Emissions Trading):	
<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable

11. Identification of Additional Requirements:

Attached, Document ID: \_\_\_\_\_  Not Applicable

12. Compliance Assurance Monitoring Plan:

Attached, Document ID: \_\_\_\_\_  Not Applicable

13. Risk Management Plan Verification:

Plan Submitted to Implementing Agency - Verification Attached,  
Document ID: \_\_\_\_\_

Plan to be Submitted to Implementing Agency by Required Date

Not Applicable

14. Compliance Report and Plan:

Attached, Document ID: \_\_\_\_\_  Not Applicable

15. Compliance Certification (Hard-copy Required):

Attached, Document ID: \_\_\_\_\_  Not Applicable

**III. EMISSIONS UNIT INFORMATION**

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Information Sections submitted as part of this as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT  
(Regulated and Unregulated Emissions Units)**

**Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

- 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.

2. Single Process, Group Process, or Fugitive Only? 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.

**B. GENERAL EMISSIONS UNIT INFORMATION  
(Regulated and Unregulated Emissions Units)**

**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): <b>Ash Handling System Building</b>		
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input type="checkbox"/> Unknown		
3. Emissions Unit Status Code:  <b>C</b>	4. Acid Rain Unit?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code:  <b>49</b>
6. Emissions Unit Comment (limit to 500 characters): <b>Ventilation system for ash handling system building.</b>		

**Emissions Unit Control Equipment**

**A.**

1. Description (limit to 200 characters): <b>High Efficiency Wet Scrubber for building ventilation. (95-99%)</b>
2. Control Device or Method Code:  <b>001</b>

**B.**

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C.**

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION**  
(Regulated Emissions Units Only)

**Emissions Unit Details**

1.	Initial Startup Date:		
	<b>Estimated: July 31,2000</b>		
2.	Long-term Reserve Shutdown Date:		
	<b>Not Applicable</b>		
3.	Package Unit: <b>Ash handling system building vent wet scrubber.</b>		
	Manufacturer: <b>Tri-Mer Corp</b>	Model Number: <b>2000-H</b>	
4.	Generator Nameplate Rating:	<b>Not Applicable</b>	MW
5.	Incinerator Information:		
	Dwell Temperature:		°F
	Dwell Time:		seconds
	Incinerator Afterburner Temperature:		°F

**Emissions Unit Operating Capacity**

1.	Maximum Heat Input Rate:	<b>Not Applicable</b>	mmBtu/hr
2.	Maximum Incineration Rate:	<b>Not Applicable</b>	lb/hr tons/day
3.	Maximum Process or Throughput Rate:	<b>12.5 tons per year.</b>	
4.	Maximum Production Rate:	<b>Not Applicable</b>	
5.	Operating Capacity Comment (limit to 200 characters):		

**Emissions Unit Operating Schedule**

Requested Maximum Operating Schedule:			
	<b>24</b> hours/day		<b>7</b> days/week
	<b>52</b> weeks/year		<b>8,760</b> hours/year

**D. EMISSIONS UNIT REGULATIONS  
(Regulated Emissions Units Only)**

**Rule Applicability Analysis** (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

**Not Applicable**

**List of Applicable Regulations** (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

<b>62-296.320(4)(a)2</b>	
<b>62-296.320(4)(b)1</b>	
<b>62-296.320(4)(b)4</b>	
<b>62-297.310(4)(a)2</b>	
<b>62-297.310(7)(c)</b>	



E. EMISSION POINT (STACK/VENT) INFORMATION  
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: <b>ID Point 2 on site plan</b>	
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <b>Not Applicable</b>	
4. ID Numbers or Descriptions of Emissions Units with this Emission Point in Common: <b>Not Applicable</b>	
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input checked="" type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height:	<b>Not Applicable</b> feet
7. Exit Diameter:	<b>Not Applicable</b> feet
8. Exit Temperature:	<b>Not Applicable</b> °F

9. Actual Volumetric Flow Rate:	<b>Not Applicable</b> acfm
10. Percent Water Vapor:	<b>Not Applicable</b> %
11. Maximum Dry Standard Flow Rate:	<b>Not Applicable</b> dscfm
12. Nonstack Emission Point Height:	<b>15</b> feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters):	

F. SEGMENT (PROCESS/FUEL) INFORMATION  
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): <b>Ash loadout area (emissions related to tons of ash throughput)</b>	
2. Source Classification Code (SCC): <b>30183001 - Storage Transfer</b>	
3. SCC Units: <b>Tons</b>	
4. Maximum Hourly Rate: <b>12.5</b>	5. Maximum Annual Rate: <b>109,500</b>
6. Estimated Annual Activity Factor: <b>Not Applicable</b>	
7. Maximum Percent Sulfur: <b>Not Applicable</b>	8. Maximum Percent Ash: <b>Not Applicable</b>
9. Million Btu per SCC Unit: <b>Not Applicable</b>	
10. Segment Comment (limit to 200 characters): <b>For informational purposes only.</b>	

**Segment Description and Rate:** Segment \_\_\_\_\_ of \_\_\_\_\_

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	



**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION**  
 (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

**Pollutant Detail Information:**

1. Pollutant Emitted:	
<b>PM10</b>	
2. Total Percent Efficiency of Control:	<b>95 - 99 %</b>
3. Potential Emissions:	<b>1.03 lb/hour</b> <b>4.51 tons/year</b>
4. Synthetically Limited?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:	
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3                      _____ to _____ tons/year	
6. Emission Factor: <b>0.006 grains/cf</b>	
Reference:	
7. Emissions Method Code:	
<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5	
8. Calculation of Emissions (limit to 600 characters):	
<b><math>(0.006 \text{ grains/cf})(20,000 \text{ cfm})(1 \text{ lb}/7000 \text{ grains})(60 \text{ min/hr}) = 1.03 \text{ lb/hr}</math></b> <b><math>(1.03 \text{ lb/hr})(8760 \text{ hr/yr})(1 \text{ ton}/ 2000 \text{ lbs}) = 4.51 \text{ ton/yr}</math></b>	
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	

**Allowable Emissions** (Pollutant identified on front of page)

**A.**

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**B.**

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION  
(Regulated Emissions Units Only)

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: <b>VE20</b>			
2. Basis for Allowable Opacity:		<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity: <b>20%</b>			
Normal Conditions:	%	Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:			min/hour
4. Method of Compliance: <b>EPA Method 9 -- (62-296.320(4)(b)4)</b>			
5. Visible Emissions Comment (limit to 200 characters): <b>62-296.320(4)(b)1</b>			

**Visible Emissions Limitations:** Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype:			
2. Basis for Allowable Opacity:		<input type="checkbox"/> Rule	<input type="checkbox"/> Other
3. Requested Allowable Opacity:			
Normal Conditions:	%	Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:			min/hour
4. Method of Compliance:			
5. Visible Emissions Comment (limit to 200 characters):			



**J. CONTINUOUS MONITOR INFORMATION  
(Regulated Emissions Units Only)**

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT  
TRACKING INFORMATION  
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip the remaining statements.

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming Dioxide?

If the emissions unit addressed in this section emits nitrous oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:

PM	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
SO <sub>2</sub>	<input type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
NO <sub>2</sub>	<input type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown

4. Baseline Emissions:

PM	<b>0</b> lb/hour	<b>0</b> tons/year
SO <sub>2</sub>	lb/hour	tons/year
NO <sub>2</sub>		tons/year

5. PSD Comment (limit to 200 characters):

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION  
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1. Process Flow Diagram	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment	<input checked="" type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
5. Compliance Test Report	<input type="checkbox"/> Attached, Document ID: _____		
	<input type="checkbox"/> Previously submitted, Date: _____		
	<input checked="" type="checkbox"/> Not Applicable		
6. Procedures for Startup and Shutdown	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	
7. Operation and Maintenance Plan	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	
8. Supplemental Information for Construction Permit Application	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	
9. Other Information Required by Rule or Statute	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	

**Additional Supplemental Requirements for Category I Applications Only**

10. Alternative Methods of Operation
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading)
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required)
<input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____
<input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____
<input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____
<input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____
<input type="checkbox"/> Not Applicable

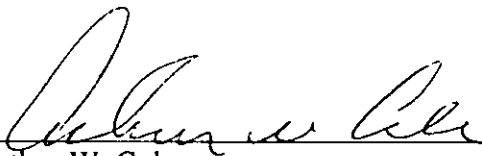
**RIDGE GENERATING STATION LIMITED PARTNERSHIP**

**DELEGATION OF AUTHORITY**

---

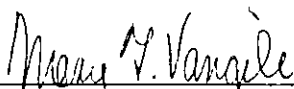
I, Arthur W. Cole, Vice President of WHEELABRATOR POLK INC., General Partner of RIDGE GENERATING STATION LIMITED PARTNERSHIP, do hereby delegate to John N. Rivara, Plant Manager of RIDGE GENERATING STATION LIMITED PARTNERSHIP, to the extent consistent with applicable law and regulations, the authority to execute for and in the name of the Limited Partnership, any and all applications for regulatory permits.

Dated this 13th day of March 2000.

  
\_\_\_\_\_  
Arthur W. Cole  
Vice President

**State of New Hampshire**  
**County of Rockingham**

*The foregoing was signed before me this 13th day of March 2000, by Arthur W. Cole, known by me to be a Vice President of Wheelabrator Polk Inc.*

  
\_\_\_\_\_  
Mary F. Vangile, Notary Public  
My commission expires August 26, 2003

