

**WALT DISNEY WORLD COMPANY
WALT DISNEY WORLD RESORT COMPLEX**

**REEDY CREEK IMPROVEMENT DISTRICT
REEDY CREEK ENERGY SERVICES
LM6000 REPOWERING PROJECT**

**APPLICATION FOR
TITLE V AIR OPERATION PERMIT REVISION**

Prepared for:

**REEDY CREEK ENERGY SERVICES
Orlando, Florida**

Prepared by:

ECT

Environmental Consulting & Technology, Inc.

*3701 Northwest 98th Street
Gainesville, Florida 32606*

ECT No. 040383-0100

July 2006

RCES Reedy Creek Energy Services

July 21, 2006

RECEIVED

JUL 24 2006

Mr. Al Linero, P.E.
Florida Department of Environmental Protection
Division of Air Resource Management
111 South Magnolia Drive, Suite 23
Tallahassee, Florida 32301

BUREAU OF AIR REGULATION

Re: Reedy Creek Improvement District
LM6000 Repowering Project
FDEP Air Permit No. 0950111-025-AC
Title V Air Operation Permit Application

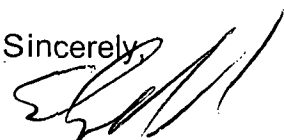
Dear Mr. Linero:

Project No. : 09 50111-025-AC

The Department issued Air Construction Permit No. 0950111-025-AC dated June 13, 2005 to the Walt Disney World Company, Reedy Creek Improvement District (RCID) authorizing the installation and initial operation of a replacement LM6000 PC gas turbine. Section 2, Condition 7 requires submission of an application of a Title V operation permit. Please find enclosed three (3) copies of the subject title V application. Please note that this application incorporates the conditions of pending Air Construction Permit 0950111-026-AC, a revision to the original air construction permit which was published for public notice on this date. The required initial stack test results were transmitted under separate cover in May, 2006. One copy of the application has been forwarded to the Florida Department of Environmental Protection, Central District.

Please contact me at (407) 824-4943 if you have any questions regarding this submission.

Sincerely,



Edward Godwin, P.E.
Chief Mechanical Engineer
Reedy Creek Energy Services

Attachments

cc: Mr. Leonard Kozlov
Program Administrator
Air Resources Management
Florida Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

INTRODUCTION

The Reedy Creek Improvement District (RCID) is a public corporation of the State of Florida and is located in Orange and Osceola Counties in central Florida, about 15 miles southwest of the city of Orlando. RCID is intersected diagonally (northeast to southwest) by U.S. Interstate Highway Number 4 and midway (east to west) by U.S. Route 192. The land in RCID (exclusive of about 2,118 acres primarily owned by RCID itself, 450 acres owned by the state of Florida, and 24 acres owned by others) is primarily owned by wholly-owned subsidiaries of the Walt Disney Company. RCID is the site of the Walt Disney World (WDW) Resort Complex, which was first opened to the public on October 1, 1971.

RCID currently owns a wastewater collection and treatment system, a reclaimed water system, an electric generation and distribution system, a solid waste and disposal system, a potable water system, a natural gas distribution system, a high temperature hot water system, and a chilled water system. By contract, Reedy Creek Energy Services, Inc. (RCES), operates these systems on behalf of RCID.

In January 2005, an Air Construction Permit application was submitted to the Florida Department of Environmental Protection (FDEP) requesting approval to repower the WDW/RCID/RCES electric generation system combined-cycle unit by replacing the existing General Electric (GE) LM5000 combustion turbine (CT) with a GE LM6000 CT. In response to this permit application, FDEP issued Air Permit No. 090111-025-AC with an effective date of June 10, 2005, and an expiration date of November 1, 2006.

The replacement GE LM6000 CT commenced operation on February 6, 2006. Initial compliance tests, as required by Air Permit No. 090111-025-AC, Section 3., Condition No. 17., were conducted on April 6, 2006, by Air Consulting and Engineering, Inc. Separate measurements of nitrogen oxides (NO_x), carbon monoxide (CO), and opacity were obtained while the GE LM6000 CT was fired with natural gas and No. 2 distillate fuel oil. The initial compliance tests demonstrated that the GE LM6000 CT was operating in compliance with the applicable NO_x, CO, and opacity permit emission limits. A report

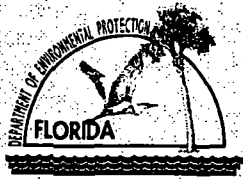
of the initial compliance tests was submitted to the FDEP Central District Office on May 12, 2006.

Operation of the WDW Resort Complex emission sources, including the WDW/RCID/RCES electric generation system, is presently authorized by FINAL Permit Revision No. 0950111-024-AV. This Title V air operation permit was issued with an effective date of January 1, 2003, a revision effective date of January 18, 2005, and an expiration date of December 31, 2007. The Title V air operation permit was revised in 2005 to reclassify three diesel electric generators serving the DISC building from insignificant to regulated status.

Air Permit No. 090111-025-AC, Section 2., Condition No. 7. requires the submittal of a Title V air operation permit revision application at least 90 days prior to permit expiration, but no later than 180 days after commencing operation. As noted above, the replacement GE LM6000 CT commenced operation on February 6, 2006. For the LM6000 Repowering Project, the Title V air operation permit revision application is due at least by August 3, 2006 (i.e., 90 days prior to permit expiration), but no later than August 5, 2006 (i.e., 180 days after commencing operation). Accordingly, the deadline for submittal of the Title V air operation permit revision application is August 3, 2006.

A request to revise Air Permit No. 090111-025-AC to allow for an increase in permitted heat input capacity and to clarify the calculation and recording of the NO_x 4-hour rolling average was submitted to FDEP on May 17, 2006. WDW/RCID/RCES requests that these pending revisions to Air Permit No. 090111-025-AC, once finalized, also be incorporated into the revised Title V air operation permit.

This permit application, using FDEP Form No. 62-210.900(1) dated June 16, 2003, Application for Air Permit—Long Form, constitutes WDW/RCID/RCES's application to revise FINAL Permit Revision No. 0950111-024-AV to address the replacement GE LM6000 CT pursuant to the requirements of Air Permit No. 090111-025-AC and Chapter 62-213, Florida Administrative Code (F.A.C.).



Department of Environmental Protection

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

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BUREAU OF AIR REGULATION

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: Walt Disney World Company	
2. Site Name: Walt Disney World Resort Complex, Reedy Creek Improvement District	
3. Facility Identification Number: 0950111	
4. Facility Location Street Address or Other Locator: 1375 Buena Vista Drive City: Lake Buena Vista County: Orange and Osceola Zip Code: 32830-8402	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Application Contact Name: Edward Godwin, P.E.	
2. Application Contact Mailing Address... Organization/Firm: Reedy Creek Energy Services Street Address: P.O. Box 10000 City: Lake Buena Vista State: Florida Zip Code: 32830-1000	
3. Application Contact Telephone Numbers... Telephone: (407) 824-4943 ext. Fax: (407) 824-4529	
4. Application Contact Email Address: ed.godwin@disney.com	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Project Number(s):	0950111-027-AV
3. PSD Number (if applicable):	
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

In January 2005, an Air Construction Permit application was submitted to the Florida Department of Environmental Protection (FDEP) requesting approval to repower the WDW/RCID/RCES electric generation system combined cycle unit by replacing the existing General Electric (GE) LM5000 combustion turbine (CT) with a GE LM6000 CT. In response to this permit application, the FDEP issued Air Permit No. 090111-025-AC with an effective date of June 10, 2005 and an expiration date of November 1, 2006.

A request to revise Air Permit No. 090111-025-AC to allow for an increase in permitted heat input capacity and to clarify the calculation and recording of the NO_x four-hour rolling average was submitted to the Department on May 17, 2006. WDW/RCID/RCES requests that these pending revisions to Air Permit No. 090111-025-AC, once finalized, also be incorporated into the revised Title V air operation permit.

This permit application, using DEP Form No. 62-210.900(1) dated 06/16/03, Application for Air Permit – Long Form, constitutes WDW/RCID/RCES's application to revise FINAL Permit Revision No. 0950111-024-AV to address the replacement GE LM6000 CT pursuant to the requirements of Air Permit No. 090111-025-AC and Chapter 62-213, Florida Administrative Code.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Proc. Fee
088	GE LM6000 Combustion Turbine (CT) and Heat Recovery Steam Generator Duct Burner (DB)	N/A	N/A

Application Processing Fee

Check one: Attached - Amount: \$ _____ Not Applicable

A permit processing fee is not required for a modification to a Title V source pursuant to Rule 62-213.205(4), F.A.C.

APPLICATION INFORMATION

N/A

Owner/Authorized Representative Statement

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

1. Owner/Authorized Representative Name :
2. Owner/Authorized Representative Mailing Address... Organization/Firm: Street Address: City: State: Zip Code:
3. Owner/Authorized Representative Telephone Numbers... Telephone: () - ext. Fax: () -
4. Owner/Authorized Representative Email Address:
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 _____ Date _____

APPLICATION INFORMATION

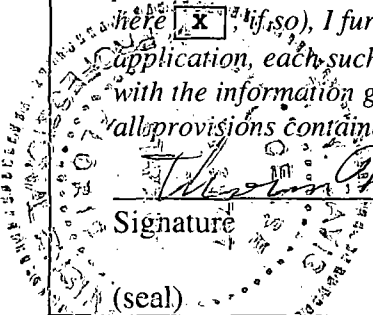
Application Responsible Official Certification

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: Lee Schmudde, Vice President
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input checked="" 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 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: Walt Disney World Company Street Address: P.O. Box 10000 City: Lake Buena Vista State: Florida Zip Code: 32830-1000
4. Application Responsible Official Telephone Numbers... Telephone: (407) 828 - 1723 ext. Fax: (407) 828 - 4311
5. Application Responsible Official Email Address: lee.schmudde@disney.com
6. Application Responsible Official Certification: <p><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></p> <p><i>Lee Schmudde</i> <u>7/20/06</u> Signature Date</p>

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Thomas W. Davis Registration Number: 36777
2. Professional Engineer Mailing Address... Organization/Firm: Environmental Consulting & Technology, Inc. Street Address: 3701 Northwest 98th Street City: Gainesville State: Florida Zip Code: 32606-5004
3. Professional Engineer Telephone Numbers... Telephone: (352) 332 - 0444 ext. Fax: (352) 332 - 6722
4. Professional Engineer Email Address: tdavis@ectinc.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 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 checked="" 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 (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) 449.70 North (km) 3,138.00		2. Facility Latitude/Longitude... Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 79	6. Facility SIC(s): 7996
7. Facility Comment :			

Facility Contact

1. Facility Contact Name: Bernie Budnik, Manager, Energy Production Division
2. Facility Contact Mailing Address... Organization/Firm: Reedy Creek Energy Services Street Address: P.O. Box 10000 City: Lake Buena Vista State: Florida Zip Code: 32830-1000
3. Facility Contact Telephone Numbers: Telephone: (407) 824 - 6441 ext. Fax: (407) 824 - 3655
4. Facility Contact Email Address: bernie.budnik@disney.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:
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Street Address: City: State: Zip Code:
3. Application Responsible Official Telephone Numbers... Telephone: () - ext. Fax: ()
4. Facility Primary Responsible Official Email Address:

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 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 checked="" type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7.	<input 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: <p>The LM6000 CT is subject to New Source Performance Standard (NSPS) Subject GG.</p>	

FACILITY INFORMATION

List of Pollutants Emitted by Facility

N/A

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?

FACILITY INFORMATION

B. EMISSIONS CAPS

N/A

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

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

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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: January 2005
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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: January 2005
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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: January 2005

Additional Requirements for Air Construction Permit Applications NOT APPLICABLE

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable (existing permitted facility)
2. Description of Proposed Construction or Modification: <input type="checkbox"/> Attached, Document ID: _____
3. Rule Applicability Analysis: <input type="checkbox"/> Attached, Document ID: _____
4. 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)
5. Fugitive Emissions Identification (Rule 62-212.400(2), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
6. Preconstruction Air Quality Monitoring and Analysis (Rule 62-212.400(5)(f), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Ambient Impact Analysis (Rule 62-212.400(5)(d), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. Air Quality Impact since 1977 (Rule 62-212.400(5)(h)5., F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <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 type="checkbox"/> Attached, Document ID: _____ <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 type="checkbox"/> Not Applicable

FACILITY INFORMATION

Additional Requirements for FESOP Applications NOT APPLICABLE

1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.):
 Attached, Document ID: _____ 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):
 Attached, Document ID: _____ 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):
 Attached, Document ID: _____
 Not Applicable (revision application with no change in applicable requirements)
3. Compliance Report ~~and Plan~~ (Required for all initial/revision/renewal applications):
 Attached, Document ID: Previously submitted on May 12, 2006.
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):
 Attached, Document ID: _____
 Equipment/Activities On site but Not Required to be Individually Listed
 Not Applicable (revision application)
5. Verification of Risk Management Plan Submission to EPA (If applicable, required for initial/renewal applications only):
 Attached, Document ID: _____ Not Applicable (revision application)
6. Requested Changes to Current Title V Air Operation Permit: (See comment below)
 Attached, Document ID: _____ Not Applicable

Additional Requirements Comment

A request to revise Air Permit No. 090111-025-AC to allow for an increase in permitted heat input capacity and to clarify the calculation and recording of the NO_x four-hour rolling average was submitted to the Department on May 17, 2006. WDW/RCID/RCES requests that these pending revisions to Air Permit No. 090111-025-AC, once finalized, also be incorporated into the revised Title V air operation permit.

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:
Cogeneration unit comprised of one nominal 50-MW General Electric LM6000 combustion turbine (CT) and one heat recovery steam generator (HRSG) equipped with a 198 MMBtu/hr duct burner (DB). The CT is fired with either natural gas or No. 2 fuel oil. The duct burner is only fired with natural gas and is only used in fresh-air firing mode; i.e., the duct burner will not operate concurrently with the GE LM 6000 CT.

3. Emissions Unit Identification Number: **088 (LM6000 CT)**

4. Emissions Unit Status Code: A	5. Commence Construction Date: 10/01/2005	6. Initial Startup Date: 02/06/2006	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--------------------------------------------	-----------------------------------------------------	-----------------------------------------------	------------------------------------------------------	----------------------------------------------------------------------------------------------

9. Package Unit:
 Manufacturer: **General Electric** Model Number: **LM6000**

10. Generator Nameplate Rating: **50 MW (CT - nominal)**
8.5 MW (Steam Turbine -nominal)

11. Emissions Unit Comment:
The WDW/RCID/RCES electric-generation system combined cycle unit was repowered by replacing the existing General Electric (GE) LM5000 combustion turbine (CT) with a GE LM6000 CT.

EMISSIONS UNIT INFORMATION

Section [1] of [1]

Emissions Unit Control Equipment

1. Control Equipment/Method(s) Description:

Water Injection – CT

Oxidation Catalyst – CT/HRSG

2. Control Device or Method Code(s): **028 (Water Injection), 109 (Catalytic Oxidizer)**

EMISSIONS UNIT INFORMATION

Section [1] of [1]

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1. Maximum Process or Throughput Rate: N/A
2. Maximum Production Rate: N/A
3. Maximum Heat Input Rate: 505 million Btu/hr (HHV) – CT 198 million Btu/hr (HHV) – HRSG DB
4. Maximum Incineration Rate: pounds/hr N/A tons/day
5. Requested Maximum Operating Schedule: 24 hours/day 7 days/week 52 weeks/year 8,760 hours/year
6. Operating Capacity/Schedule Comment: Maximum CT heat input at a compressor inlet air temperature of 30°F, fuel higher heating value, and 100% load. CT heat input rates will vary depending upon CT characteristics, ambient conditions, fuel type, and CT compressor inlet air conditioning. The HRSG DB will operate only in fresh-air mode (i.e., the duct burner will not operate concurrently with the GE LM 6000 CT).

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: 088		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking: N/A			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/A			
5. Discharge Type Code: V	6. Stack Height: 65 feet	7. Exit Diameter: 11.1 feet	
8. Exit Temperature: 285°F	9. Actual Volumetric Flow Rate: 350,935 acfm	10. Water Vapor: N/A %	
11. Maximum Dry Standard Flow Rate: N/A dscfm		12. Nonstack Emission Point Height: N/A feet	
13. Emission Point UTM Coordinates... Zone: East (km): North (km):		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) : Longitude (DD/MM/SS) :	
15. Emission Point Comment: Data for Field 9 is at a CT compressor inlet air temperature of 48°F and 100% load (Scenario No. 6). CT/HRSG stack actual volumetric flow rates will vary depending upon CT characteristics, ambient conditions, fuel type, and CT compressor inlet air conditioning.			

EMISSIONS UNIT INFORMATION

Section [1] of [1]

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 3

1. Segment Description (Process/Fuel Type): Combustion turbine fired with pipeline-quality natural gas.		
2. Source Classification Code (SCC): 2-01-002-01		3. SCC Units: Million cubic feet burned
4. Maximum Hourly Rate: 0.500	5. Maximum Annual Rate: 4,380	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: N/A	8. Maximum % Ash: N/A	9. Million Btu per SCC Unit: 1,040 (HHV)
10. Segment Comment: Fields 4 and 5 based on 100% load, CT inlet air temperature of 48°F, and 8,760 hr/yr.		

Segment Description and Rate: Segment 2 of 3

1. Segment Description (Process/Fuel Type): Combustion turbine fired with distillate fuel oil.		
2. Source Classification Code (SCC): 2-01-001-01		3. SCC Units: Thousand gallons burned
4. Maximum Hourly Rate: 3.666	5. Maximum Annual Rate: 1,741.4	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0.1	8. Maximum % Ash: 0.1	9. Million Btu per SCC Unit: 137,760 (HHV)
10. Segment Comment: Fields 4 and 5 based on 100% load, CT inlet air temperature of 30°F, and 475 hr/yr.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 3 of 3

1. Segment Description (Process/Fuel Type): Duct burner fired with pipeline-quality natural gas.		
2. Source Classification Code (SCC): 1-01-006-01		3. SCC Units: Million cubic feet burned
4. Maximum Hourly Rate: 0.190	5. Maximum Annual Rate: 167	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: N/A	8. Maximum % Ash: N/A	9. Million Btu per SCC Unit: 1,040 (HHV)
10. Segment Comment: Field 5 based on 173,445 MMBtu/yr heat input.		

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		

**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: NO_x		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 74.0 lb/hour 195.7 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 N/A			
6. Emission Factor: N/A Reference: Vendor Data		7. Emissions Method Code: 0	
8. Calculation of Emissions: Potential Hourly Emissions: 100% load, 30°F CT inlet, oil-firing Potential Annual Emissions: 100% load, 30°F CT inlet, oil-firing (475 hr/yr) 100% load, 48°F CT inlet, gas-firing (8,285 hr/yr) $74.0 \frac{lb}{hr} \times 475 \frac{hr}{yr} \times \frac{ton}{2,000 lb} + 43.0 \frac{lb}{hr} \times 8,285 \frac{hr}{yr} \times \frac{ton}{2,000 lb} = 17.6 + 178.1 = 195.7 \frac{ton}{yr}$			
9. Pollutant Potential/Estimated Fugitive Emissions Comment:			

**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 2

1. Basis for Allowable Emissions Code: ESCPSD	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 25 ppmvd @ 15-percent oxygen	4. Equivalent Allowable Emissions: 43.0 lb/hour 188.3 tons/year
5. Method of Compliance: EPA Reference Methods 7E or 20, and 19	
6. Allowable Emissions Comment (Description of Operating Method): Limits applicable to CT while firing natural gas. Field 4 annual emissions based on maximum of 8,760 hr/yr.	

Allowable Emissions Allowable Emissions 2 of 2

1. Basis for Allowable Emissions Code: ESCPSD	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 42 ppmvd @ 15-percent oxygen	4. Equivalent Allowable Emissions: 74.0 lb/hour 17.6 tons/year
5. Method of Compliance: EPA Reference Methods 7E or 20, and 19	
6. Allowable Emissions Comment (Description of Operating Method): Limits applicable to CT while firing No. 2 fuel oil. Field 4 annual emissions based on maximum of 475 hr/yr.	

Allowable Emissions Allowable Emissions of

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**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: 85
3. Potential Emissions: 12.6 lb/hour 55.2 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 N/A	
6. Emission Factor: N/A Reference: Vendor Data	7. Emissions Method Code: 0
8. Calculation of Emissions: Potential Hourly Emissions: 25% load, 30°F CT inlet, gas-firing Potential Annual Emissions: 25% load, 30°F CT inlet, gas-firing (8,760 hr/yr) $12.6 \frac{lb}{hr} \times 8,760 \frac{hr}{yr} \times \frac{1 ton}{2,000 lb} = 55.2 \frac{ton}{yr}$	
9. Pollutant Potential/Estimated Fugitive Emissions Comment:	

**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 2

1. Basis for Allowable Emissions Code: ESCPSD	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: N/A	4. Equivalent Allowable Emissions: 12.6 lb/hour 55.2 tons/year
5. Method of Compliance: EPA Reference Methods 10 and 19.	
6. Allowable Emissions Comment (Description of Operating Method): Limits applicable to CT while firing natural gas. Field 4 annual emissions based on maximum of 8,760 hr/yr.	

Allowable Emissions Allowable Emissions 2 of 2

1. Basis for Allowable Emissions Code: ESCPSD	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: N/A	4. Equivalent Allowable Emissions: 2.4 lb/hour 0.6 tons/year
5. Method of Compliance: EPA Reference Method 10.	
6. Allowable Emissions Comment (Description of Operating Method): Limits applicable to CT while firing No. 2 fuel oil. Field 4 annual emissions based on maximum of 475 hr/yr.	

Allowable Emissions Allowable Emissions of

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**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: N/A
3. Potential Emissions: 4.9 lb/hour 6.1 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 N/A	
6. Emission Factor: N/A Reference: Vendor Data	7. Emissions Method Code: 2
8. Calculation of Emissions: Potential Hourly Emissions: 100% load, 30°F CT inlet, oil-firing Potential Annual Emissions: 100% load, 30°F CT inlet, oil-firing (475 hr/yr) 100% load, 57.9°F CT inlet, gas-firing (8,285 hr/yr) $4.9 \frac{lb}{hr} \times 475 \frac{hr}{yr} \times \frac{ton}{2,000 lb} + 1.2 \frac{lb}{hr} \times 8,285 \frac{hr}{yr} \times \frac{ton}{2,000 lb} = 1.16 + 4.97 = 6.1 \frac{ton}{yr}$	
9. Pollutant Potential/Estimated Fugitive Emissions Comment:	

**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. **NOT APPLICABLE**

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**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: N/A
3. Potential Emissions: 51.7 lb/hour 23.8 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 N/A	
6. Emission Factor: N/A Reference: Vendor Data	7. Emissions Method Code: 2
<p>8. Calculation of Emissions:</p> <p>Potential Hourly Emissions: 100% load, 30°F CT inlet, oil-firing</p> <p>Potential Annual Emissions: 100% load, 30°F CT inlet, oil-firing (475 hr/yr) 100% load, 48°F CT inlet, gas-firing (8,285 hr/yr)</p> $51.7 \frac{lb}{hr} \times 475 \frac{hr}{yr} \times \frac{ton}{2,000 lb} + 2.8 \frac{lb}{hr} \times 8,285 \frac{hr}{yr} \times \frac{ton}{2,000 lb} = 12.3 + 11.5 = 23.8 \frac{ton}{yr}$	
9. Pollutant Potential/Estimated Fugitive Emissions Comment:	

**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. **NOT APPLICABLE**

Allowable Emissions Allowable Emissions ___ of ___

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions ___ of ___

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions ___ of ___

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**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: PM/PM₁₀	2. Total Percent Efficiency of Control: N/A
3. Potential Emissions: 15.5 lb/hour 16.1 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 N/A	
6. Emission Factor: N/A Reference:	7. Emissions Method Code: 2
8. Calculation of Emissions: Potential Hourly Emissions: 100% load, 30°F CT inlet, oil-firing Potential Annual Emissions: 100% load, 30°F CT inlet, oil-firing (475 hr/yr) 100% load, 48°F CT inlet, gas-firing (8,285 hr/yr) $15.5 \frac{lb}{hr} \times 475 \frac{hr}{yr} \times \frac{ton}{2,000 lb} + 3.0 \frac{lb}{hr} \times 8,285 \frac{hr}{yr} \times \frac{ton}{2,000 lb} = 3.7 + 12.4 = 16.1 \frac{ton}{yr}$	
9. Pollutant Potential/Estimated Fugitive Emissions Comment:	

**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. NOT APPLICABLE

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions __ of __

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

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 2

1. Visible Emissions Subtype: VE 05	2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input checked="" type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 5 % Exceptional Conditions: N/A % Maximum Period of Excess Opacity Allowed: N/A min/hour	
4. Method of Compliance: EPA Reference Method 9	
5. Visible Emissions Comment: Limit applicable during natural gas-firing.	

Visible Emissions Limitation: Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype: VE 10	2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input checked="" type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 10 % Exceptional Conditions: N/A % Maximum Period of Excess Opacity Allowed: N/A min/hour	
4. Method of Compliance: EPA Reference Method 9	
5. Visible Emissions Comment: Limit applicable during distillate fuel oil-firing.	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

Continuous Monitoring System: Continuous Monitor 1 of 2

1. Parameter Code: EM	2. Pollutant(s): NO_x
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: Thermo Electron Corporation Model Number: 42i-LS-ANSSDCB Serial Number: 0521411840	
5. Installation Date: 12/13/2005	6. Performance Specification Test Date: 03/21/2006
7. Continuous Monitor Comment: Acid Rain Program, 40 CFR Part 75.	

Continuous Monitoring System: Continuous Monitor 2 of 2

1. Parameter Code: O₂	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: M & C Products Model Number: PMA100-L Serial Number: 0502217	
5. Installation Date: 12/13/2005	6. Performance Specification Test Date: 03/21/2006
7. Continuous Monitor Comment: Acid Rain Program, 40 CFR Part 75.	

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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>January 2005</u>
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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>January 2005</u>
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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>January 2005</u>
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 checked="" type="checkbox"/> Previously Submitted, Date: <u>January 2005</u> <input 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 type="checkbox"/> Previously Submitted, Date _____ <input checked="" type="checkbox"/> Not Applicable
6. Compliance Demonstration Reports/Records <input type="checkbox"/> Attached, Document ID: _____ Test Date(s)/Pollutant(s) Tested: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>May 12, 2006</u> Test Date(s)/Pollutant(s) Tested: <u>April 6, 2006; NO_x, CO, and Opacity</u> <input type="checkbox"/> To be Submitted, Date (if known): _____ Test Date(s)/Pollutant(s) Tested: _____ <input 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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS UNIT INFORMATION

Section [1] of [1]

Additional Requirements for Air Construction Permit Applications Not Applicable

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

Additional Requirements for Title V Air Operation Permit Applications Not Applicable

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

Additional Requirements Comment

[Empty rectangular box for additional requirements comment]