Florida Department of Environmental Protection

TO:

Joseph Kahn, Division of Air Resource Management

THROUGH:

Trina Vielhauer, Bureau of Air Regulation 6

Jon Holtom, Title V Section & H.

FROM:

Yousry (Joe) Attalla, Title V Section YHA

DATE:

March 24, 2009

SUBJECT:

Air Permit No. 0950203-008-AV

Northern Star Generation Services, LLC Orlando Cogeneration Limited, L.P. Title V Air Operation CAIR Part Revision

The final permit for this project is attached for your approval and signature, which revises the Title V permit to include the CAIR Part form as a new section added to the existing Title V air operation permit for the above referenced facility.

The attached final determination identifies issuance of the combined draft/proposed permit, summarizes the publication process, and provides the Department's response to comments (if any) on the draft permit. There are no pending petitions for administrative hearings or extensions of time to file a petition for an administrative hearing.

I recommend your approval of the attached final permit for this project.

Attachments

NOTICE OF FINAL PERMIT

In the Matter of an Application for Permit by:

Northern Star Generation Services, LLC 8275 Exchange Drive Orlando, FL 32809-7651

Final Permit No. 0950203-008-AV Facility ID No. 0950203 Orlando Cogeneration Limited, L.P. CAIR Part Revision Project Orange County, Florida

Responsible official:

James T. Murray, Plant Manager

Enclosed is final permit No. 0950203-008-AV. This Title V air operation permit revision is being issued to incorporate the Clean Air Interstate Rule (CAIR) provisions into Title V permit No. 0950203-009-AV. The existing facility is located at 8275 Exchange Drive, Orlando in Orange County, Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

View LV whan

Trina Vielhauer, Chief Bureau of Air Regulation

TLV/jh/yha

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

Mr. James Murray, Plant Manager, Orlando Cogeneration Limited, L.P.: jim.murray@northernstargen.com

Mr. Dave Kellermeyer, Northern Star Generation Services, LLC: dave.kellermeyer@northernstargen.com

Mr. Alan Zahm, P.E., DEP-CD: alan.zahm@dep.state.fl.us

Ms. Katy Forney, EPA-Region 4: forney.kathleen@epamail.epa.gov

Ms. Ana Oquendo, EPA-Region 4: oquendo.ana@epamail.epa.gov

Ms. Barbara Friday, DEP-BAR: barbara.friday@dep.state.fl.us (for posting with U.S. EPA, Region 4)

Ms. Victoria Gibson, DEP-BAR: victoria.gibson@dep.state.fl.us (for reading file)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby

acknowledged.

Page 1 of 1

PERMITTEE:

James T. Murray, Plant Manager Northern Star Generation Services, LLC 8275 Exchange Drive Orlando, FL 32809-7651

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department) Division of Air Resource Management Bureau of Air Regulation, Title V Section 2600 Blair Stone Road, MS #5505 Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 0950203-008-AV Orlando Cogeneration Limited, L.P.

The purpose of this Title V air operation permit revision project is to incorporate the Clean Air Interstate Rule (CAIR) provisions into Title V permit No. 0950203-009-AV.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Permit package on May 23, 2008. The applicant published the Public Notice of Intent to Issue in the <u>Orlando Sentinel</u> on January 31, 2009. The Department received the proof of publication on February 12, 2009.

COMMENTS

No comments on the draft/proposed permit were received from the US EPA Region 4 Office. No comments were received from the public during the 30-day public comment period.

DEPARTMENT INITIATED CHANGES

Changes initiated by the Department were made in this final permit.

STATEWIDE FORMAT CHANGES

A cover page, a Table of Contents and placard page are added to the final permit package.

CONCLUSION

The final action of the Department is to issue the final permit with the changes noted above.

STATEMENT OF BASIS

Northern Star Generation Services, LLC

Orlando Cogeneration Limited, L.P.

Facility ID No. 0950203 Orange County

Title V Air Operation Permit Revision Final Permit No. 0950203-008-AV

This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

On April 18, 2008, the applicant submitted a CAIR Part Form in order to incorporate the Clean Air Interstate Rule provisions into Title V air operation permit No. 0950203-009-AV. The CAIR Part Form is now a part of this permit and has been incorporated as Section V, CAIR Part Form. This section identifies the units that must comply with the standard requirements and special provisions set forth in the CAIR Part Form.

This facility consists of one combustion turbine, one heat recovery steam generator (HRSG) and one duct burner system associated with the HRSG. The facility's nominal output is 128.9 megawatts (MW). This facility utilizes natural gas as its only fuel.

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

Based on the Title V Air Operation Permit renewal application received July 1, 2003 and on the Title V Air Operation Permit revision application received August 9, 2005, this facility is not a major source of hazardous air pollutants (HAP).

Northern Star Generation Services, LLC

Orlando Cogeneration Limited, L.P.

Facility ID No. 0950203 Orange County

Title V Air Operation Permit Revision

Final Permit No. 0950203-008-AV (1st Revision of Title V Air Operation Permit No. 0950203-009-AV)



Permitting Authority

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

2600 Blair Stone Road Mail Station #5505 Tallahassee, Florida 32399-2400

Telephone: (850) 488-0114 Fax: (850) 921-9533

Compliance Authority:

Department of Environmental Protection
Orange County Environmental Protection Department

800 Mercy Drive, Suite 4 Orlando, Florida 32808

Telephone: (407) 632-1400 Fax: (407) 836-1499

Title V Air Operation Permit Revision

Final Permit No. 0950203-008-AV

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Monitoring System Performance (40 CFR 60, July, 1996).	

Table H, Permit History.



Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 Charlie Crist Governor

Jeff Kottkamp Lt. Governor

Michael W. Sole Secretary

Permittee:

Northern Star Generation Services, LLC 8275 Exchange Drive Orlando, Florida 32809-7651

Final Permit No. 0950203-008-AV

Facility ID No. 0950203

Site Name: Orlando Cogeneration Limited, L.P.

SIC No. 4911

Project: Title V Air Operation Permit Revision

The purpose of this permit is for the revision of Title V Air Operation Permit No. 0950203-009-AV to incorporate the Clean Air Interstate Rule (CAIR) Part as an enforceable section of the permit. The existing facility is located at 8275 Exchange Drive, Orlando, Orange County. UTM Coordinates are: Zone 17, 459.5 East (km), 3,146.1 North (km). Latitude is: 28° 26′ 23″; and, Longitude is: 81° 24′ 28″.

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Effective Date: January 1, 2009

Revision Effective Date: March 24, 2009 **Renewal Application Due Date:** May 20, 2013

Expiration Date: December 31, 2013

Joseph Kahn, Director

mua X / whow

Division of Air Resource Management

TLV/jh/yha

SECTION V. CAIR PART FORM

CLEAN AIR INTERSTATE RULE PROVISIONS

Clean Air Interstate Rule (CAIR).

Operated by: Northern Star Generation Services, LLC

Plant: Orlando Cogeneration Limited, L.P.

ORIS Code: 54466

The emissions unit below is regulated under the Clean Air Interstate Rule.

EU No.	EPA Unit ID#	Brief Description	
001	ſ	Combustion Turbine	

1. Clean Air Interstate Rule Application. The Clean Air Interstate Rule Part Form submitted for this facility is a part of this permit. The owners and operators of these CAIR units as identified in this form must comply with the standard requirements and special provisions set forth in the CAIR Part Form (DEP Form No. 62-210.900(1)(b)) dated March 16, 2008, which is attached at the end of this section. [Chapter 62-213, F.A.C. and Rule 62-210.200, F.A.C.]

RECEIVED

Clean Air Interstate Rule (CAIR) Part

≱ <> 2008

For more information, see instructions and refer to 40 CFR 96.121,	, 96.122, 96.2	221, 96.222,	96.321 and 96,322;	and Rule 6	32-296.470,	F.A.C.
,	•		35J#85	$\mathbf{A}(\mathbf{y}) \in \mathcal{A}^{*}$	TO BE SHOWN IN	ATIO

	This submission is: New	Revised	Renewal	3
STEP 1	Plant Name: Orlando CoGen Limit	ted, L.P.	State:	ORIS or EIA Plant Code: 54466
Identify the source by plant name and ORIS				

STEP 2

In column "a" enter the unit ID# for every CAIR unit at the CAIR source.

In columns "b," "c," and "d," indicate to which CAIR program(s) each unit is subject by placing an "X" in the column(s).

For new units, enter the requested information in columns "e" and "f.

	а	b	С	d	е	f
,		Unit will hold nitrogen oxides (NO _X)	Unit will hold sulfur dioxide (SO ₂)	Unit will hold NO _X Ozone Season	New Units	New Units
•		allowances in accordance with 40 CFR	allowances in accordance with 40 CFR	allowances in accordance with 40 CFR	Expected Commence Commercial	Expected Monitor Certification
	Unit ID#	96.106(c)(1)	96.206(c)(1)	96.306(c)(1)	Operation Date	Deadline
	1	Х	Х	Х		
•	<u> </u>					
	-					
						
				T		
			· 			
			· -			

DEP Form No. 62-210.900(1)(b) - Form Effective: 3/16/08

STEP 3

Plant Name (from STEP 1) Orlando CoGen Limited, L.P.

Read the standard requirements.

CAIR NO_X ANNUAL TRADING PROGRAM

CAIR Part Requirements.

- The CAIR designated representative of each CAIR NO_x source and each CAIR NO_x unit at the source shall:
 (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.122 and Rule 52-296.470, F.A.C., in accordance with the adlines specified in Rule 62-213.420, F.A.C.; and (ii) [Reserved]:
- The owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 98, Subpart CC, and operate the source and the unit in compliance with such CAIR

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO_X source and each CAIR NO_X unit at the source shall comply with the monitoring, reporting, and recordikeeping requirements of 40 CFR Part 96, Subpart HH, and Rule 62-296.470, F.A.C. (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HH, shall be used to determine compliance by each CAIR NO_x source with the following CAIR NO_x Emissions Requirements.

NO_x Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at
- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under 40 CFR 98.154(a) in an amount not less than the tons of total NO_x emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with 40 CFR Part 96, Subpart HH.
 (2) A CAIR NO_x unit shall be subject to the requirements under paragraph (1) of the NO_x Requirements starting on the later of January 1, 2009, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.170(b)(1) or (2) and for each control period thereafter.
 (3) A CAIR NO_x allowance shall be deducted, for compliance with the requirements under paragraph (1) of the NO_x Requirements, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.
 (4) CAIR NO_x allowance shall be defined the definition of the complete of the complete

(4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FF and GG.

- (5) A CAIR NO_x allowance is a limited authorization to emit one ton of NO_x in accordance with the CAIR NO_x Annual Trading Program. No provision of the CAIR NO_x Annual Trading Program, the CAIR Part, or an exemption under 40 CFR 96.105 and no provision of law shall be
- construed to limit the authority of the state or the United States to terminate or limit such authorization.

 (6) A CAIR NO_x allowance does not constitute a properly right.

 (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EE, FF, or GG, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO_v unit

Excess Emissions Requirements.

- If a CAIR NO_x source emits NO_x during any control period in excess of the CAIR NO_x emissions limitation, then:

 (1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under 40 CFR 96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and

 (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AA,
- the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO_X source and each CAIR NO_X unit at the source shall keep on site at
- (1) Unless otherwise provided, the owners and operators of the CAIR NO_x source and each CAIR NO_x unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
 (i) The certificate of representation under 40 CFR 96.113 for the CAIR designated representative for the source and each CAIR NO_x unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 98.113 changing the CAIR designated representative.
 (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HH, of this part, provided that to the extent that 40 CFR
- Part 96, Subpart HH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

 (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_X Annual
- (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NOx Annual Trading Program or to
- demonstrate compliance with the requirements of the CAIR NO_x Annual Trading Program.

 (2) The CAIR designated representative of a CAIR NO_x source and each CAIR NO_x unit at the source shall submit the reports required under the
- CAIR NOx Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.

DEP Form No. 62-210.900(1)(b) - Form

Effective: 3/16/08

Orlando CoGen Limited, L.P.

STEP 3. Continued

Liability.

- (1) Each CAIR NO_x source and each CAIR NO_x unit shall meet the requirements of the CAIR NO_x Annual Trading Program.
- (1) Each CAIR NO_X source and each CAIR NO_X unit shall meet the requirements of the CAIR NO_X annual Trading Program. (2) Any provision of the CAIR NO_X Annual Trading Program that applies to a CAIR NO_X source or the CAIR Resignated representative of a CAIR NO_X source shall also apply to the owners and operators of such source and of the CAIR NO_X units at the source.

 (3) Any provision of the CAIR NO_X Annual Trading Program that applies to a CAIR NO_X unit or the CAIR designated representative of a CAIR NO_X unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

Plant Name (from STEP 1)

No provision of the CAIR NO_X Annual Trading Program, a CAIR Part, or an exemption under 40 CFR 96.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_X source or CAIR NO_X unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act

CAIR SO₂ TRADING PROGRAM

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall: (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.222 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
- (ii) Interestively.

 The owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CCC, for the source and operate the source and each CAIR unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR SO₂ source and each SO₂ CAIR unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHH, and Rule 62-296.470, F.A.C. (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHH, shall be used to determine compliance by each CAIR SO₂ source with the following CAIR SO₂ Emission Requirements.

SO₂ Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period, as determined in accordance with 40 CFR 98.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHH.
- (2) A CAIR SO₂ unit shall be subject to the requirements under paragraph (1) of the Sulfur Dioxide Emission Requirements starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.270(b)(1) or (2) and for each control
- period thereafter.

 (3) A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the SO₂ Emission Requirements, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.

 (4) CAIR SO₂ allowances shall be held in, deducted from, or transferred into or among CAIR SO₂ Allowance Tracking System accounts in
- accordance with 40 CFR Part 96, Subparts FFF and GGG.

 (5) A CAIR SO₂ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO₂ Trading Program. No provision of the CAIR SO₂ Trading Program, the CAIR Part, or an exemption under 40 CFR 96.205 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR SO₂ allowance does not constitute a property right.
 (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart FFF or GGG, every allocation, transfer, or deduction of a CAIR SO₂ allowance to or from a CAIR SO₂ unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR

Excess Emissions Requirements.

- If a CAIR SO₂ source emits SO₂ during any control period in excess of the CAIR SO₂ emissions limitation, then:
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAA,
- the Clean Air Act, and applicable state law.

DEP Form No. 62-210.900(1)(b) -- Form

Effective: 3/16/08

Plant Name (from STEP 1) Orlando CoGen Limited, L.P.

STEP 3, Continued

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR SO₂ source and each CAIR SO₂ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at
- any time before the end of 5 years, in writing by the Department or the Administrator.

 (i) The certificate of representation under 40 CFR 96.213 for the CAIR designated representative for the source and each CAIR SO₂ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.213 changing the CAIR designated representative.

 (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
- (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading
- (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

 (2) The CAIR designated representative of a CAIR SO₂ source and each CAIR SO₂ unit at the source shall submit the reports required under the CAIR SO₂ Trading Program, including those under 40 CFR Part 96, Subpart HHH.

Liability.

- (1) Each CAIR SO₂ source and each CAIR SO₂ unit shall meet the requirements of the CAIR SO₂ Trading Program.
- (2) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ source or the CAIR designated representative of a CAIR SO₂ source shall also apply to the owners and operators of such source and of the CAIR SO₂ units at the source.
- (3) Any provision of the CAIR SO2 Trading Program that applies to a CAIR SO2 unit or the CAIR designated representative of a CAIR SO2 unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR SO₂ Trading Program, a CAIR Part, or an exemption under 40 CFR 96.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO₂ source or CAIR SO₂ unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

CAIR NO_x OZONE SEASON TRADING PROGRAM

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall: (f) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.322 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
- (2) The owners and operators of each CAIR NO_x Ozone Season source required to have a Title V operating permit or air construction pe and each CAIR NO_x Ozone Season unit required to have a Title V operating permit or air construction permit at the source shall have a CAIR Part included in the Title V operating permit or air construction permit issued by the DEP under 40 CFR Part 96, Subpart CCCC, for the source and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHHH, and Rule 62-296.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHHH, shall be used to determine compliance by each CAIR NO_x Ozone Season source with the following CAIR NO_x Ozone Season Emissions Requirements

NO_x Ozone Season Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO_x Ozone Season allowances available for compliance deductions for the control period under 40 CFR 96.354(a) in an amount not less than the tons of total NO_x emissions for the control
- period from all CAIR NO_X Ozone Season units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHHH.

 (2) A CAIR NO_X Ozone Season units shall be subject to the requirements under paragraph (1) of the NO, Ozone Season Emission Requirements starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 98.370(b)(1),(2), or (3) and for each control period thereafter.
- (3) A CAIR NO_X Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO_X Ozone Season Emission Requirements, for a control period in a calendar year before the year for which the CAIR NO_X Ozone Season allowance was
- (4) CAIR NO_x Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Ozone Season Allowance
- Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFFF and GGGG.

 (5) A CAIR NO_x Ozone Season allowance is a limited authorization to emit one ton of NO_x in accordance with the CAIR NO_x Ozone Season Trading Program. No provision of the CAIR NO_x Ozone Season Trading Program, the CAIR Part, or an exemption under 40 CFR 96,305 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization. (8) A CAIR NO Ozone Season allowance does not constitute a property right.
- Upon recordation by the Administrator under 40 CFR Part 96, Subpart EEEE, FFFF or GGGG, every allocation, transfer, or deduction of a CAIR NO_x Ozone Season allowance to or from a CAIR NO_x Ozone Season unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO_x Ozone Season unit.

DEP Form No. 62-210.900(1)(b) - Form

4

Plant Name (from STEP 1) Orlando CoGen Limited, L.P.

Excess Emissions Requirements.

STEP 3, Continued

if a CAIR NO_x Ozone Season source emits NO_x during any control period in excess of the CAIR NO_x Ozone Season emissions limitation, then:
(1) The owners and operators of the source and each CAIR NO_x Ozone Season unit at the source shall surrender the CAIR NO_x Ozone Season allowances required for deduction under 40 CFR 96.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAAA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements

(1) Unless otherwise provided, the owners and operators of the CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the (i) these of the province province, the white is an operation to the CAIN NOX Coole season source and to accit CAIN NOX Coole season that at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.

(i) The certificate of representation under 40 CFR 96.313 for the CAIR designated representative for the source and each CAIR NO_X Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the

certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO_x Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Season Trading Program. (2) The CAIR Ale designated representative of a CAIR NO_x Ozone Season Trading Program. Including those under 40 CFR Part 98, Subpart HHHH.

Liability.

- (1) Each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit shall meet the requirements of the CAIR NO_x Ozone Season Frading Program.
- (2) Any provision of the CAIR NO_x Ozone Season Trading Program that applies to a CAIR NO_x Ozone Season source or the CAIR designated ntative of a CAIR NO_x Ozone Season source shall also apply to the owners and operators of such source and of the CAIR NO_x Ozone Season units at the source.
- (3) Any provision of the CAIR NO_X Ozone Season Trading Program that applies to a CAIR NO_X Ozone Season unit or the CAIR designated representative of a CAIR NO_X Ozone Season unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR NO_X Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 96.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_X Ozone Season source or CAIR NO_X Ozone Season unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

STEP 4

Certification (for designated representative or alternate designated representative only)

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

I am authorized to make this submission on behalf of the owners and operators of the CAIR source or CAIR units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and Information or omitting required statements and information, including the possibility of fine or

toward T. Billioners	Plant Manager
Name James T. Murray	Title Plant Manager
Company Owner Name Orlando CoG	en Limited, L.P.
Phone (407) 851-1350	E-mail Address jim.murray@northernstargen.com
1 Ans	
Signature Jam ///	Date 4/14/08
* //	

DEP Form No. 62-210.900(1)(b) - Form

Effective: 3/16/08

SECTION VI. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary.

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

Appendix NSPS, Subpart A – General Provisions.

Appendix NSPS, Subpart KKKK, Standards of Performance for Stationary Combustion Turbines

Appendix RR, Facility-wide Reporting Requirements.

Appendix TR, Facility-wide Testing Requirements.

Appendix TV, Title V General Conditions.

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

To:

jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan; Forney.Kathleen@epamail.epa.gov;

Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Attalla, Yousry; Holtom, Jonathan

Subject:

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Attachments:

0950203008AVCAIRNoticeofFinalPermit.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

<u>Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).</u>

Click on the following link to access the permit project documents: http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf permit zip files/0950203.008.AV.F pdf.zip

Attention: Yousry Attalla

Owner/Company Name: ORLANDO COGEN LIMITED, L.P.

Facility Name: ORLANDO COGEN LIMITED, L.P.

Project Number: 0950203-008-AV

Permit Status: FINAL

Permit Activity: PERMIT REVISION

Facility County: ORANGE

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Permit project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation.

Barbara Friday Bureau of Air Regulation Division of Air Resource Management (DARM) (850)921-9524

From:

Exchange Administrator

Sent:

Monday, March 30, 2009 1:33 PM

To:

Friday Barbara

Subject:

Delivery Status Notification (Relay)

Attachments:

ATT74175.txt; ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

jim.murray@northernstargen.com
dave.kellermeyer@northernstargen.com

From:

To: Sent:

Subject:

Murray, James [jim.murray@northernstargen.com]
Friday, Barbara
Monday, March 30, 2009 1:36 PM
Read: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

jim.murray@northernstargen.com

Subject:

was read on 3/30/2009 1:36 PM.

From:

Murray, James [jim.murray@northernstargen.com]

Sent:

Monday, March 30, 2009 1:41 PM

To:

Friday, Barbara

Subject:

RE: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Verify receipt.

JIM

James T Murray 407-851-1350 ext.2022

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]

Sent: Monday, March 30, 2009 1:33 PM

To: Murray, James

Cc: Kellermeyer, Dave; Zahm, Alan; Forney, Kathleen@epamail.epa.gov; Oquendo. Ana@epamail.epa.gov; Gibson,

Victoria; Attalla, Yousry; Holtom, Jonathan

Subject: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Dear Sir/ Madam:

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Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf permit zip files/0950203.008.AV.F pdf.zip

Attention: Yousry Attalla

Owner/Company Name: ORLANDO COGEN LIMITED, L.P.

Facility Name: ORLANDO COGEN LIMITED, L.P.

Project Number: 0950203-008-AV

Permit Status: FINAL

Permit Activity: PERMIT REVISION

Facility County: ORANGE

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Barbara Friday Bureau of Air Regulation Division of Air Resource Management (DARM) (850)921-9524

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

The information contained in this email message may be privileged, confidential and protected from disclosure. If you think that you have received this email message in error, please notify the sender by reply email and delete the message and any attachments.

From:

Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]

Sent:

Monday, March 30, 2009 1:33 PM

To:

Friday, Barbara

Subject: Attachments:

Successful Mail Delivery Report Delivery report, Message Headers

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<<u>Forney.Kathleen@epamail.epa.gov</u>>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 49D10258_30449_12501_4 9F6F344452

<Quendo.Ana@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK,
 sent 49D10258_30449_12501_4 9F6F344452

From:

Oquendo.Ana@epamail.epa.gov Monday, April 06, 2009 8:32 AM

Sent: To:

Friday, Barbara

Subject:

Re: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Attachments:

0950203008AVCAIRNoticeofFinalPermit.pdf

Barbara,

I could open all files posted on link. Thanks

Wishing you a great day!

Ana M. Oquendo
Air Permits Section
Air, Pesticides and Toxics Management Division U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, S.W.
Atlanta, GA 30303

email. <u>oquendo.ana@epa.gov</u> phone. 404-562-9781 fax. 404-562-9019

Please consider the environment before printing this email.

"Friday, Barbara"

<Barbara.Friday@</pre>

dep.state.fl.us>

03/30/2009 01:33

PM

.com>, "Zahm, Alan"

<<u>Alan.Zahm@dep.state.fl.us</u>>, Kathleen Forney/R4/USEPA/US@EPA, Ana Oquendo/R4/USEPA/US@EPA,

"Gibson, Victoria"

<<u>Victoria.Gibson@dep.state.fl.us</u>>

, "Attalla, Yousry"

<Yousry.Attalla@dep.state.fl.us>,

"Holtom, Jonathan"

<Jonathan.Holtom@dep.state.fl.us>

Subject

To

ORLANDO COGENERATION LIMITED,

L.P.; 0950203,-008-AV

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Attention: Yousry Attalla

Owner/Company Name: ORLANDO COGEN LIMITED, L.P.

Facility Name: ORLANDO COGEN LIMITED, L.P.

Project Number: 0950203-008-AV

Permit Status: FINAL

Permit Activity: PERMIT REVISION

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Barbara Friday
Bureau of Air Regulation
Division of Air Resource Management (DARM)
(850)921-9524

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From:

System Administrator

To:

Attalla, Yousry; Zahm, Alan; Gibson, Victoria

Sent:

Monday, March 30, 2009 1:33 PM

Subject:

Delivered: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

To:

jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan;

Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;

Attalla, Yousry; Holtom, Jonathan

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Sent: 3/30/2009 1:33 PM

was delivered to the following recipient(s):

Attalla, Yousry on 3/30/2009 1:33 PM

Zahm, Alan on 3/30/2009 1:33 PM

Gibson, Victoria on 3/30/2009 1:33 PM

From:

Attalla, Yousry

To:

Friday, Barbara

Sent:

Monday, March 30, 2009 2:28 PM

Subject:

Read: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

To:

jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan;

Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;

Attalla, Yousry; Holtom, Jonathan

Subject:

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Sent: 3/30/2009 1:33 PM

was read on 3/30/2009 2:28 PM.

From:

Gibson, Victoria

To: Sent: Friday, Barbara

Sent.

Monday, March 30, 2009 1:35 PM

Subject:

Read: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

To:

jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan;

Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;

Attalla, Yousry; Holtom, Jonathan

Subject:

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Sent: 3/30/2009 1:33 PM

was read on 3/30/2009 1:35 PM.

From:

System Administrator

To:

Holtom, Jonathan

Sent:

Monday, March 30, 2009 1:33 PM

Subject:

Delivered ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

To: jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan;

Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;

Attalla, Yousry; Holtom, Jonathan

Subject:

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Sent: 3/30/2009 1:33 PM

was delivered to the following recipient(s):

Holtom, Jonathan on 3/30/2009 1:33 PM

From:

Holtom, Jonathan

To: Sent: Friday, Barbara Monday, April 06, 2009 10:17 AM

Subject:

Read: ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Your message

To: jim.murray@northernstargen.com

Cc:

dave.kellermeyer@northernstargen.com; Zahm, Alan;

Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;

Attalla, Yousry; Holtom, Jonathan

Subject:

ORLANDO COGENERATION LIMITED, L.P.; 0950203-008-AV

Sent: 3/30/2009 1:33 PM

was read on 4/6/2009 10:17 AM.