

Memorandum

Florida Department of Environmental Protection

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation
Jon Holtom, Title V Section *JH.*
FROM: Yousry (Joe) Attalla, Title V Section *YHA*
DATE: March 13, 2009
SUBJECT: Air Permit No. 1050231-011-AV
Orange Cogeneration, L.P.
Orange Cogeneration Facility
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:*

Orange Cogeneration, L.P.
1901 Clear Springs Mine Road
Bartow, Florida 33830

Air Permit No. 1050231-011-AV
Orange Cogeneration Facility
CAIR Part Revision Project
Polk County

Designated Representative:
Allen Czerkiewicz, Plant Manager

Enclosed is final permit No. 1050231-011-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. 1050231-010-AV. The existing facility is located at 1901 Clear Springs Mine Road, Bartow, Polk County, Florida. UTM Coordinates: Zone 17, 418.7 km East and 3083.0 km North; Latitude: 27° 52' 15" North and Longitude: 81° 49' 31" West. 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.



Trina Vielhauer, Chief
Bureau of Air Regulation

TLV/jh/yha

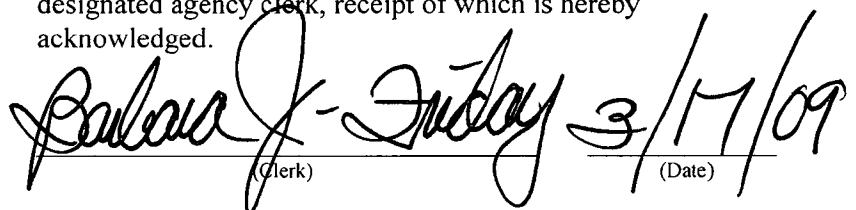
CERTIFICATE OF SERVICE

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. Allen Czerkiewicz, Orange Cogeneration Facility: allen.czerkiewicz@nsgen.com
- Mr. Gwynne Johnson, Orange Cogeneration Facility: gwynne.johnson@nsgen.com
- Mr. Scott Osbourn, P.E., Golder Associates, Inc.: sosbourn@golder.com
- Ms Mara Nasca, Southwest District: mara.nasca@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.



FINAL DETERMINATION

PERMITTEE

Allen Czerkiewicz, Plant Manager
Orange Cogeneration, L.P.
1901 Clear Springs Mine Road
Bartow, Florida 33830

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. 1050231-011-AV
Orange Cogeneration Facility

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. 1050231-010-AV.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Permit package on May 28, 2008. The applicant published the Public Notice of Intent to Issue in the The Polk County Democrat on January 31, 2009. The Department received the proof of publication on February 2, 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 BASES

Orange Cogeneration, L.P.
Orange Cogeneration Facility
Polk County

Title V Air Operation Permit Revision No. 1050231-011-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 drawings, plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The existing facility consists of two combined cycle combustion turbine units and an auxiliary boiler. The combined cycle units consist of two combustion turbine-electrical generator sets, two heat recovery steam generators (HRSG), two exhaust stacks, and a common steam turbine-electrical generator set. The facility also includes miscellaneous unregulated and insignificant emissions units and activities.

Combined cycle Units 1 and 2 are identical systems. The combined cycle units began commercial operation in 1995. Each unit consists of a General Electric Model LM6000 combustion turbine with dry low emission combustor technology and an unfired HRSG. Each combustion turbine-electrical generator set is rated at 41.4 megawatts (MW) based on a compressor inlet temperature of 47°F. The maximum heat input rate to each unit is 377.0 MMBtu per hour from firing natural gas and/or biogas based on the lower heating value (LHV) of these fuels. Steam produced in each HRSG is delivered to a common steam turbine-electrical generator set rated at 37 MW. Steam is then extracted and delivered to the adjacent juice processing facility. Exhaust from each HRSG is ducted to a separate stack that is 11 feet in diameter and 100 feet tall.

Combined cycle gas turbines Unit 1 and Unit 2 are regulated under: Acid Rain, Phase II; Rule 62-212.400(PSD), F.A.C.; Permit No. AC53-233851/PSD-FL-206 and subsequent amendments (A thru D) and 40 CFR 60, Subpart GG, Standards of Performance for New Stationary Gas Turbines. Each unit underwent a revised BACT determination dated March 7, 1995. Nitrogen oxides (NOx) emissions are controlled by the use of dry low emissions (DLE) combustors and compliance is determined by a continuous emissions monitoring system (CEMS). Since there are no post-combustion controls associated with the two combined cycle combustion turbine units and compliance for NOx is by CEMS, then continuous assurance monitoring (CAM) does not apply.

The auxiliary boiler is a two drum bent tube boiler manufactured by Zurn Nepco. The boiler began commercial operation in 1995. The maximum heat input rate is 100 MMBtu/hr from the firing of natural gas and/or biogas based on the higher heating value (HHV) of the fuel. The firing of natural gas is considered BACT for the emissions of particulate matter and sulfur dioxide. The emissions unit underwent a revised BACT Determination dated March 7, 1995. NOx Emissions are controlled with low-NOx burners. The exhaust is vented through a stack that is 3.7 feet in diameter and 65 feet tall.

The auxiliary boiler is subject to only the recordkeeping requirements of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, because it combusts only natural gas and/or biogas. It is also subject to Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with Less Than 250 Million Btu Per Hour Heat Input, New and Existing Emissions Units. Since there are no post-combustion controls, then CAM does not apply.

Based on the Title V permit renewal application received July 5, 2007, this facility is not a major source of hazardous air pollutants (HAPs).

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. 1050231-010-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.

Orange Cogeneration, L.P.

Orange Cogeneration Facility

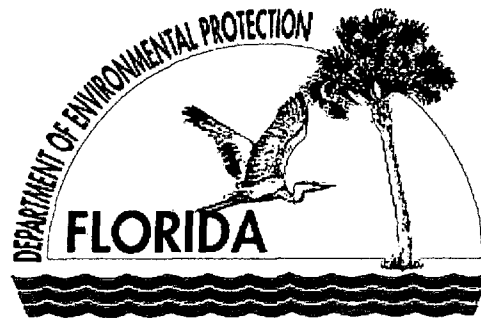
Facility ID No. 1050231

Polk County

Title V Air Operation Permit Revision

FINAL Permit No. 1050231-011-AV

(1st Revision of Title V Air Operation Permit No. 1050231-010-AV)



Permitting Authority:

State of Florida

Department of Environmental Protection

Division of Air Resource Management

Bureau of Air Regulation

Title V Section

Mail Station #5505

2600 Blair Stone Road

Tallahassee, Florida 32399-2400

Telephone: (850) 488-0114

Fax: (850) 921-9533

Compliance Authority:

Department of Environmental Protection

Southwest District Office

Air Resource Section

13051 N. Telecom Parkway

Temple Terrace, FL 33637-0926

Phone: (813) 632-7600

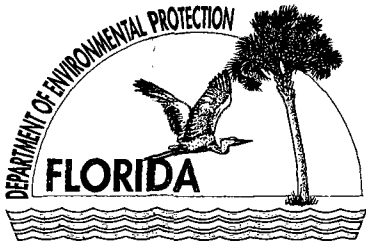
Fax: (813) 632-7668

Title V Air Operation Permit Revision

Final Permit No. 1050231-011-AV

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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:

Allen Czerkiewicz, Plant Manager
Orange Cogeneration, L.P.
1901 Clear Springs Mine Road
Bartow, Florida 33830

FINAL Permit No. 1050231-011-AV
Facility ID No. 1050231
Orange Cogeneration Facility
SIC No. 4911
Project: Title V CAIR Part Revision

The purpose of this permit is for the revision of Title V Air Operation Permit No. 1050231-010-AV to incorporate the Clean Air Interstate Rule (CAIR) Part as an enforceable section of the permit. The existing facility is located at 1901 Clear Springs Mine Road, Bartow, Polk County, Florida. UTM Coordinates: Zone 17, 418.7 km East and 3083.0 km North; Latitude: 27° 52' 15" North and Longitude: 81° 49' 31" West.

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, 2008

Revision Effective Date: March 13, 2009

Renewal Application Due Date: November 23, 2012

Expiration Date: December 31, 2012

Joseph Kahn, Director
Division of Air Resource Management

TLV/jkh/yha

SECTION V. CAIR PART FORM
CLEAN AIR INTERSTATE RULE PROVISIONS

Clean Air Interstate Rule (CAIR).

Operated by: Orange Cogeneration, L.P.

Plant: Orange Cogeneration Facility

ORIS Code: 054365

The emissions units below are regulated under the Clean Air Interstate Rule.

EU No.	EPA Unit ID#	Brief Description
001	001	Combined Cycle Combustion Turbines
002	002	Combined Cycle Combustion Turbines

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.]

SECTION V. CAIR PART FORM
CLEAN AIR INTERSTATE RULE PROVISIONS

Plant Name (from STEP 1) Orange Cogeneration Facility

STEP 3

**Read the
standard
requirements.**

CAIR NO_x ANNUAL TRADING PROGRAM

CAIR Part Requirements.

- (1) 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 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
 - (ii) [Reserved];
- (2) 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 96, Subpart CC, 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 source and each CAIR NO_x unit at the source shall comply with the monitoring, reporting, and recordkeeping 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 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 96.154(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 not 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 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 property 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_x 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 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 96.113 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 Trading Program.
 - (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO_x 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 NO_x Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.

SECTION V. CAIR PART FORM
CLEAN AIR INTERSTATE RULE PROVISIONS

Plant Name (from STEP 1) **Orange Cogeneration Facility**

**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.
- (2) Any provision of the CAIR NO_x Annual Trading Program that applies to a CAIR NO_x source or the CAIR designated 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.

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) [Reserved];
- (2) 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 96.254(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 SO₂ unit.

Excess Emissions Requirements.

If a CAIR SO₂ source emits SO₂ during any control period in excess of the CAIR SO₂ emissions limitation, then:

- (1) The owners and operators of the source and each CAIR SO₂ unit at the source shall surrender the CAIR SO₂ allowances required for deduction under 40 CFR 96.254(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 AAA, the Clean Air Act, and applicable state law.

DEP Form No. 62-210.900(1)(b) – Form
Effective 3/16/09

SECTION V. CAIR PART FORM
CLEAN AIR INTERSTATE RULE PROVISIONS

Plant Name (from STEP 1) **Orange Cogeneration Facility**

**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 Program.
 - (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:
 - (i) 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
 - (ii) [Reserved];
- (2) The owners and operators of each CAIR NO_x Ozone Season source required to have a Title V operating permit or air construction permit, 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 unit shall be subject to the requirements under paragraph (1) of the NO_x 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 96.370(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 allocated.
- (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

DEP Form No. 62-210.900(1)(b) - Form
Effective 3/16/09

**SECTION V. CAIR PART FORM
CLEAN AIR INTERSTATE RULE PROVISIONS**

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 Ozone Season allowance does not constitute a property right.
 (7) 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.

Plant Name (from STEP 1) **Orange Cogeneration Facility**

**STEP 3,
Continued**

Excess Emissions Requirements.

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 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 96.313 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 designated representative of a CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall submit the reports required under the CAIR NO_x Ozone Season Trading Program, including those under 40 CFR Part 96, 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 Trading 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 representative 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.

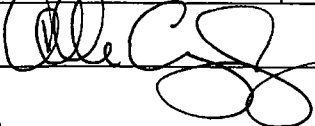
No provision of the CAIR NO_x Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 96.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_x Ozone Season source or CAIR NO_x Ozone Season unit from compliance 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 imprisonment.

Name Allen Czerkiewicz	Title Plant Manager
Company Owner Name Northern Star Generation Services, LLC	
Phone 863-534-1141	E-mail Address allen.czerkiewicz@nsgen.com
Signature 	Date 4.18.08

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

Friday, Barbara

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; sosbourn@golder.com; Nasca, Mara; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Attachments: 1050231011AVCAIRNoticeofFinalPermit.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".

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).

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

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050231.011.AV.F_pdf.zip

Attention: Yousry Attalla

Owner/Company Name: ORANGE COGENERATION LIMITED PARTNERSHIP

Facility Name: ORANGE COGENERATION FACILITY

Project Number: 1050231-011-AV

Permit Status: FINAL

Permit Activity: PERMIT REVISION

Facility County: POLK

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> .

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

Friday, Barbara

From: Exchange Administrator
Sent: Tuesday, March 17, 2009 1:46 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)
Attachments: ATT100257.txt; ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-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.

allen.czerkiewicz@nsgen.com

gwynne.johnson@nsgen.com

Friday, Barbara

From: Johnson, Gwynne [gwynne.johnson@northernstargen.com]
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 1:53 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: gwynne.johnson@northernstargen.com
Subject:

was read on 3/17/2009 1:53 PM.

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mx1.golder.com]
Sent: Tuesday, March 17, 2009 1:46 PM
To: Friday, Barbara
Subject: Successful Mail Delivery Report
Attachments: Delivery report; Message Headers

This is the mail system at host mx1.golder.com.

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

<sosbourn@golder.com>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent
49BFE1C6_17831_426478_1 4F9391CF0754

Friday, Barbara

From: Osbourn, Scott [Scott_Osbourn@golder.com]
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 1:49 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: Scott_Osbourn@golder.com
Subject:

was read on 3/17/2009 1:49 PM.

Friday, Barbara

From: System Administrator
To: Nasca, Mara
Sent: Tuesday, March 17, 2009 1:46 PM
Subject: Delivered:ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was delivered to the following recipient(s):

Nasca, Mara on 3/17/2009 1:46 PM

Friday, Barbara

From: Nasca, Mara
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 4:27 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was read on 3/17/2009 4:27 PM.

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]
Sent: Tuesday, March 17, 2009 1:46 PM
To: Friday, Barbara
Subject: Successful Mail Delivery Report
Attachments: 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

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 49BFE1C9_6152_5356_2 9032B443F7

<Oquendo.Ana@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 49BFE1C9_6152_5356_2 9032B443F7

Friday, Barbara

From: Oquendo.Ana@epamail.epa.gov
Sent: Friday, March 20, 2009 10:04 AM
To: Friday, Barbara
Subject: Re: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV
Attachments: 1050231011AVCAIRNoticeofFinalPermit.pdf

Barbara,

I could access all documents 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. quendo.ana@epa.gov
phone. 404-562-9781
fax. 404-562-9019

Please consider the environment before printing this email.

"Friday,
Barbara"
<Barbara.Friday@
dep.state.fl.us>

03/17/2009 01:44
PM

To
<allen.czerkiewicz@nsgen.com>

CC

<gwynne.johnson@nsgen.com>,
<sosbourn@golder.com>, "Nasca,
Mara"
<Mara.Nasca@dep.state.fl.us>,
Kathleen Forney/R4/USEPA/US@EPA,
Ana Oquendo/R4/USEPA/US@EPA,
"Gibson, Victoria"
<Victoria.Gibson@dep.state.fl.us>
, "Attalla, Yousry"
<Yousry.Attalla@dep.state.fl.us>,
"Holtom, Jonathan"
<Jonathan.Holtom@dep.state.fl.us>

Subject

ORANGE COGENERATION, L.P. -
ORANGE COGENERATION FACILITY;
1050231-011-AV

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".

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).

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

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050231.011.AV.F_pdf.zip

Attention: Yousry Attalla

Owner/Company Name: ORANGE COGENERATION LIMITED PARTNERSHIP Facility Name: ORANGE COGENERATION FACILITY Project Number: 1050231-011-AV Permit Status: FINAL Permit Activity: PERMIT REVISION Facility County: POLK The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> .

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

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..(See attached file: 1050231011AVCAIRNoticeofFinalPermit.pdf)

Friday, Barbara

From: System Administrator
To: Gibson, Victoria; Attalla, Yousry
Sent: Tuesday, March 17, 2009 1:46 PM
Subject: Delivered:ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was delivered to the following recipient(s):

Gibson, Victoria on 3/17/2009 1:46 PM
Attalla, Yousry on 3/17/2009 1:46 PM

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 1:47 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was read on 3/17/2009 1:47 PM.

Friday, Barbara

From: Attalla, Yousry
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 2:09 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was read on 3/17/2009 2:09 PM.

Friday, Barbara

From: System Administrator
To: Holtom, Jonathan
Sent: Tuesday, March 17, 2009 1:46 PM
Subject: Delivered:ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was delivered to the following recipient(s):

Holtom, Jonathan on 3/17/2009 1:46 PM

Friday, Barbara

From: Holtom, Jonathan
To: Friday, Barbara
Sent: Tuesday, March 17, 2009 1:47 PM
Subject: Read: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY;
1050231-011-AV

Your message

To: allen.czerkiewicz@nsgen.com
Cc: gwynne.johnson@nsgen.com; 'sosbourn@golder.com'; Nasca, Mara;
Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria;
Attalla, Yousry; Holtom, Jonathan
Subject: ORANGE COGENERATION, L.P. - ORANGE COGENERATION FACILITY; 1050231-011-AV
Sent: 3/17/2009 1:45 PM

was read on 3/17/2009 1:47 PM.