Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Donald K. Day, Plant Manager
Northern Star Generation Services
8275 Exchange Drive
Orlando, FL 32809-7651

DEP File No. 0950203-006-AV
Orlando Cogen Limited, L.P.
Orange County

Enclosed is Final Permit Number 0950203-006-AV. The purpose of this permit is to revise Title V Air Operation Permit No. 0950203-002-AV to reflect the upgrade of the gas turbine from an Alstom Model GT 11N1 to a Model GT 11NM, the installation of inlet foggers and the increase in capacity authorized by permit Nos. 0950203-003-AC and 0950203-005-AC, and to replace Appendix TV-4, Title V Conditions (version dated 02/12/02) with Appendix TV-5, Title V Conditions (version dated 03/28/05). The permittee has also requested a minor change in the testing procedures from those required in the existing Title V permit. 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Trina L. Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final permit) was sent by certified mail (*) and copies were electronically mailed by Internet e-mail before the close of business on 2/15/06 to the person(s) listed:

Mr. Donald K. Day, Plant Manager, Orlando CoGen *
Mr. Thomas W. Davis, P.E., Ph.D., Environmental Consulting & Technology
Mr. Len Kozlov, CD
U.S. EPA, Region 4

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Barbara J. Farley 2/15/06

(Clerk) (Date)

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Permittee:
Orlando CoGen Limited, L.P.
8275 Exchange Drive
Orlando, Florida 32809-7651

FINAL Permit No.: 0950203-006-AV
Facility ID No.: 0950203
SIC Nos.: 49, 4931
Project: Title V Air Operation Permit Revision

The purpose of this permit is to revise Title V Air Operation Permit No. 0950203-002-AV to reflect the upgrade of the gas turbine from an Alstom Model GT 11N1 to a Model GT 11NM, the installation of inlet foggers and the increase in capacity authorized by permit Nos. 0950203-003-AC and 0950203-005-AC, and to replace Appendix TV-4, Title V Conditions (version dated 02/12/02) with Appendix TV-5, Title V Conditions (version dated 03/28/05). The permittee has also requested a minor change in the testing procedures from those required in the existing Title V permit. This existing facility is located at 8275 Exchange Drive, Orlando, Orange County.

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.

Referenced attachments made a part of this permit:
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
APPENDIX TV-5, TITLE V CONDITIONS (version dated 3/28/05)
APPENDIX SS-1, STACK SAMPLING FACILITIES (10/07/96)
TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/07/96)
FIGURE 1- SUMMARY REPORT-GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE REPORT (07/96)
Phase II Permit Application received September 3, 2003.

Effective Date: January 1, 2004
Revision Effective Date: January 24, 2006
Renewal Application Due Date: July 5, 2008
Expiration Date: December 31, 2008

Michael G. Cooke, Director
Division of Air Resource Management

MGC/jk/jh