Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

Permittee:
Northern Star Generation Services Company LLC
Mulberry Cogeneration Facility
3600 County Road 555
Bartow, Florida 33831-0824

FINAL Permit No.: 1050217-005-AV
Facility ID No.: 1050217
SIC No(s).: 49, 4911
Project: Title V Air Operation Permit Revision

The purpose of this permit is to revise and replace Title V Air Operation Permit, No. 1050217-002-AV, in order to incorporate the conditions of construction permit No. 1050217-004-AC, which was issued concurrently with the DRAFT of this Title V Air Operation Permit. This existing facility is located at 3600 County Road 555, Bartow, Polk 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 and 62-213. The above named permittee is hereby authorized to 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:
Phase II Acid Rain Permit Application/NO_X Compliance Plan dated 7/2/02
Appendix GG, Standards Of Performance For Stationary Gas Turbines
Appendix I-1, List Of Insignificant Emissions Units And/Or Activities
Appendix SS-1, Stack Sampling Facilities Version Dated 10/07/96
Appendix TV-5, Title V Conditions Version Dated 03/28/05
Appendix U-1, List Of Unregulated Emissions Units And/Or Activities
Table 297.310-1, Calibration Schedule Version Dated 10/07/96
Figure 1 - Summary Report-Gaseous And Opacity Excess Emission And Monitoring System Performance (40 CFR 60, July, 1996)

Effective Date: January 1, 2003
Revision Effective Date: July 18, 2006
Renewal Application Due Date: July 5, 2007
Expiration Date: December 31, 2007

Joseph Kahn, P.E., Acting Director
Division of Air Resource Management

JK/TLV/jk/jh