STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Air Permit

Mr. Herschel E. Morris, Vice President/General Manager
CF Industries, Inc. – Plant City Phosphate Complex
Post Office Drawer L
Plant City, Florida 33564

Air Permit No. PSD-FL-339B
Project No. 0570005-026-AC

Enclosed is the Final Permit which authorizes production rate increases for the C and D Sulfuric Acid Plants at Plant City Phosphate Complex in Plant City, Hillsborough County. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 through 297 Florida Administrative Code (F.A.C) and Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 days from the date 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) and all copies were sent electronically (with received receipt) before the close of business on 2/28/08 to the persons listed:

Herschel E. Morris, CF Industries, Inc. (hmorris@cfifl.com)
Ron Brunk, CF Industries, Inc. (rbrunk@cfifl.com)
Jim Little, EPA (little.james@epa.gov)
Kathleen Forney, EPA (forney.kathleen@epa.gov)
Heidi Lesane, EPA (lesane.heidi@epamail.epa.gov)
Dee Morse, NPS (dee_morse@nps.gov)
Cindy Zhang-Torres, DEP-SWD (cindy.zhang-torres@dep.state.fl.us)
Diana Lee, HCEPC (lee@epchc.org)
David Buff, Golder Associates, Inc. (dbuff@golder.com)

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.

(Clerk) 2/28/08 (Date)

Florida Department of Environmental Protection

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

Charlie Crist
Governor

Michael W. Sole
Secretary

PERMITTEE

CF Industries, Inc.
P.O. Box Drawer L
Plant City, Florida 33564

Authorized Representative:

Herschel E. Morris
V.P. Phosphate Operations & General Manager

Project No. 0570005-026-AC
Permit No. PSD-FL-339B
SIC No. 2874
Sulfuric Acid Increase
Expires: December 31, 2008

PROJECT AND LOCATION

CF Industries, Inc. operates the existing Plant City Phosphate Complex, which is located in Hillsborough County at 10608 Paul Buchman Highway in Plant City, Florida 33565. The UTM coordinates are Zone 17; 388 km E; 3116 km N. This permit authorizes modification of the Plant City Phosphate Complex to increase the production rate of the existing "C" and "D" sulfuric acid plants from 2,750 to 2,962 tons per day of 100% of sulfuric and to increase the permitted process rate of the molten sulfur storage and handling system.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

ATTACHED APPENDICES ARE MADE A PART OF THIS PERMIT

Appendix A. Best Operational Start-up Procedures for Sulfuric Acid Plants
Appendix B. Summary of BACT Determinations
Appendix GC. General Conditions

Executed in Tallahassee, Florida

Joseph Kahn, Director
Division of Air Resource Management

1/27/08
(Date)