

Memorandum

**Florida Department of
Environmental Protection**

TO: Michael G. Cooke, Director

THROUGH: Trina L. Vielhauer, Bureau Chief *TV*

FROM: Cindy L. Phillips, P.E. *CP*

DATE: June 11, 2004

RE: Final Air Construction Permit 0570005-018-AC
CFI Plant City Phosphate Complex

The purpose of this minor AC permit is to decrease the minimum pond water pressure to the fume scrubbers for the X, Y, and Z-Train Granulation Units from 50 psig to 45 psig for each scrubber.

The Regulatory Classification section of this permit states that the facility is a major source of hazardous air pollutants and that these granulation units are Subject to 40 CFR 63 Subpart BB – Phosphate Fertilizers Production Plants.

I recommend that you sign this final permit. If you have any questions about this project, please let me know.

Mike -

No comments received.

Trina



Jeb Bush
Governor

Department of Environmental Protection

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. Herschel E. Morris
General Manager
CF Industries, Inc.
P.O. Drawer L
Plant City, FL 33564

FINAL Title V Permit No.: 0570005-018-AC
Plant City Phosphate Complex

Enclosed is FINAL Permit Number 0570005-018-AC for the Plant City Phosphate Complex located at 10608 Paul Buckman Highway, Plant City, Hillsborough County, issued pursuant to Chapter 403, Florida Statutes (F.S.).

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 permitting authority 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 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

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 mailed by U.S. Mail before the close of business on 6/14/04 to the persons listed or as otherwise noted:

Mr. Herschel E. Morris, R.O., CFI*
Mr. Michael Messina, CFI
Ms. Alice Harman, EPCHC
Mr. Jason Waters, FDEP-SWD

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.

(Clerk) 6/14/04 (Date)

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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Mr. Herschel E. Morris
 General Manager
 CF Industries, Inc.
 P.O. Drawer L
 Plant City, Florida 33564

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery
 Tammy Jackson 6-21-04

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7001 1140 0002 1578 1369

PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

7001 1140 0002 1578 1369

Mr. Herschel E. Morris, General Manager

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Sent To
 Mr. Herschel E. Morris, General Manager
 Street, Apt. No.;
 or PO Box No. P. O. Drawer L
 City, State, ZIP+4
 Plant City, Florida 33564

FINAL Title V Permit No.: 0570005-018-AC
Plant City Phosphate Complex

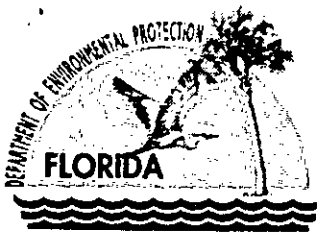
FINAL PERMIT DETERMINATION

I. COMMENTS

The Public Notice of Intent was published in the Tampa Tribune on May 25, 2004. No comments were received.

II. CONCLUSION

In conclusion, the Department hereby issues the FINAL Permit as drafted with no changes.



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
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

Permit No.	0570005-018-AC
SIC No.	2874
Project:	Scrubber Parameter Change
Expires:	December 31, 2004

PROJECT AND LOCATION:

Permit for the modification of the Plant City Phosphate Complex to decrease the minimum pond water pressure to the fume scrubbers for the X, Y, and Z-Train Granulation Units which produce phosphatic fertilizers at the CFI-Plant City production facility located at 10608 Paul Buckman Highway, Plant City, Polk County. The UTM coordinates are Zone 17; 388 km E; 3116 km N.

STATEMENT OF BASIS:

This construction permit modification 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.

REGULATORY CLASSIFICATION

The facility is classified as a major source of air pollution or Title V source because it has the potential to emit at least 100 tons per year of sulfur dioxide and nitrogen oxides.

The facility is also classified as a "Major Source" per 40 CFR 63.2, Definitions [adopted and incorporated by reference by the Department at Paragraph 62-204.800(11)(d)] because it consists of a group of stationary sources located within a contiguous area and under common control that emit or have the potential to emit considering controls, in the aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants. Therefore, these granulation units are subject to 40 CFR 63 Subpart BB – Phosphate Fertilizers Production Plants.

If additional testing and modeling demonstrate that the facility is not and has never been a major source of hazardous air pollutants since at least June 10, 2002, the permittee shall have the right to request that the Department revise the permit to remove those requirements and conditions that are applicable because the facility is a major source of hazardous air pollutants as determined by the Department.

"More Protection, Less Process"

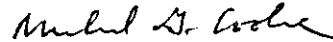
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SPECIFIC CONDITIONS:

The specific conditions X-4.A., Y-4.A, and Z-4.A of air construction permit 0570005-004-AC are to be modified as follows:

FROM: Strained pond water to the reactor fume scrubbers, dryer fume scrubbers, and cooler scrubber shall not be lower than 50 psig for each scrubber. The pressure shall be recorded hourly.

TO: Strained pond water to the reactor fume scrubbers, dryer fume scrubbers, and cooler scrubber shall not be lower than 45 psig for each scrubber. The pressure shall be recorded hourly.



Michael G. Cooke, Director
Division of Air Resource
Management