

CENTRAL PHOSPHATES, INC., Subsidiary of

P.O. Drawer L.
Plant City, Florida 33566
Telephone: 813/782-1591



CF Industries, Inc.
Plant City Phosphate Complex

March 19, 1987

DER

MAR 23 1987

BAQM

Mr. C.H. Fancy, Deputy Chief
Bureau of Air Quality Management
Florida Department of Environmental
Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

SUBJECT: Construction Permit for C & D Sulfuric Acid Plants
Central Phosphates, Inc.
Plant City, Florida

Dear Mr. Fancy:

Enclosed are five (5) copies of permit applications and engineering reports, along with one (1) copy of the air quality modeling material for modifications to the C & D Sulfuric Acid Plants.

A check in the amount of two thousand dollars (\$2,000) is also enclosed as the applicable application fee (\$1,000 for each plant).

If any additional information is needed, please give us a call.

Sincerely,

J.E. Parsons
General Manager

JEP/CJM/lh
Enclosures

cc: With Attachments
P.R. Roberts
C.J. Martin/Env. File
J. Koogler (Koogler & Associates)

Applications {
I. Choronenko - HCEPC
B. Thomas - SW Dist.
W. Aronson - USEPA, Region IV
M. Flores - NPS; Denver, Co. (+ modeling)
R. Galipeau - NPS; Atlanta, Ga.
G. Carowan, Jr. - US Fish & Wildlife Service } Flores' letter

3-25-87
Requested two
copies of
the modeling
@ 11:50
JEP

VENDOR INVOICE		VOUCHER	INVOICE	CASH	INVOICE
DATE	NUMBER	NUMBER	GROSS AMOUNT	DISCOUNT	NET AMOUNT
3/06/87		30283	2,000.00		2,000.00
DER MAR 23 1987 BAQM					
3/06/87	5779	104150	2,000.00		2,000.00
CHECK DATE	CHECK NUMBER	VENDOR NUMBER	CHECK GROSS AMOUNT	CASH DISCOUNT	CHECK NET AMOUNT

CENTRAL PHOSPHATES, INC., Subsidiary of

70-2222
0719



®

CF Industries, Inc.

P.O. Drawer L
 Plant City, Florida 33566

M

005779

PAY TO THE ORDER OF

OPERATING ACCOUNT

FLORIDA DEPARTMENT OF ENVIRONMENTAL
 REGULATION
 BUREAU OF AIR QUALITY MANAGEMENT
 2600 BLAIR STONE ROAD
 TALLAHASSEE, FLORIDA 32301-8241

DATE
3/6/87

AMOUNT
\$*****2,000.00

HARRIS BANK GLENCOE
 GLENCOE, ILLINOIS

James E. P...
 AUTHORIZED SIGNATURE

 AUTHORIZED SIGNATURE

⑈00005779⑈ ⑆07192222⑆ 04⑈206⑈830⑈2⑈

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No. 76153

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from C. F. Industries, Inc. Date 3/24/87
 Address P.O. Drawer L Dollars \$ 2000.00
 Applicant Name & Address Same As Above
 Source of Revenue _____
 Revenue Code 001031 Application Number AC 29-132155, -132157
 By R Bruce Mitchell

P.O. Drawer L			CENTRAL PHOSPHATES, INC., Subsidiary of CF Industries, Inc.		Plant City, Florida 33566
VENDOR INVOICE		VOUCHER NUMBER	INVOICE GROSS AMOUNT	CASH DISCOUNT	INVOICE NET AMOUNT
DATE	NUMBER				
3/06/87		30283	2,000.00 DER MAR 23 1987 BAQM		2,000.00
3/06/87	5779	104150	2,000.00		2,000.00
CHECK DATE	CHECK NUMBER	VENDOR NUMBER	CHECK GROSS AMOUNT	CASH DISCOUNT	CHECK NET AMOUNT



KOOGLER & ASSOCIATES, *Environmental Services*

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 344-85-01

March 30, 1987

DER

MAR 31 1987

BAQM

Mr. Bruce Mitchell
Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32301

Dear Mr. Mitchell:

Enclosed please find two (2) additional copies of the modeling done by
Koogler & Associates for Central Phosphates, Inc.

Please let us know if you require anything further.

Very truly yours,

KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:app



KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

File Copy

AC 29-132155
-132157
PSD-FL-119

KA 344-85-01

April 17, 1987

VIA FEDERAL EXPRESS

Mr. Bill Thomas
Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

*4-20-87
BT has copy of this
Tom had letter + model
present
Pradeep had one letter
also
wade*

Subject: Central Phosphates Inc.
Hillsborough County, Florida
Proposed Sulfuric Acid Plant production rate increases

Dear Bill:

I would like to express appreciation on behalf of Paul Roberts and myself for the opportunity to meet with you, Pradeep Ravel, and Tom Rogers on April 10, 1987 to discuss the construction permit applications that Central Phosphates Incorporated (CPI) submitted to the Department for production rate changes in four sulfuric acid plants at the CPI Plant City Phosphate Fertilizer Complex. By this letter, I am modifying the proposed operating limits of the A and B sulfuric acid plants so there will be no net increase in any regulated air pollutant from either of these plants. I also wish to inform you that we will be reviewing the air quality modeling using the ISC VI air quality model and will provide you with the results of our review as soon as they are available.

The attached pages revise our report entitled Supplementary Information in Support of an Application for PSD Construction Permit Review, Volume I, dated February 24, 1987. In these pages, information is presented which reflects a reduction in the requested permitted emission limit for sulfuric acid mist from both the A and B sulfuric acid plants from 0.22 to 0.20 pounds of mist per ton of acid produced. The requested sulfur dioxide emission limit of 7.25 pounds per ton of acid produced, the maximum permitted production rate of 1,050 tons of acid per day, and the operating time of 8,760 hours per year for both the A and B sulfuric acid plants remain unchanged.

DER

APR 20 1987

BAQM



USE THIS AIRBILL FOR DOMESTIC SHIPMENTS AND FOR SHIPMENTS FROM PUERTO RICO TO THE U.S.A. FILL OUT PURPLE AREAS. FOR ASSISTANCE, CALL 800-238-5355 TOLL FREE. SEE BACK OF FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS.

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER

DATE

60908

0926-0075-1

4/17/87

1 From (Your Name) JOHN KOUGLER		Your Phone Number (Very Important) (904) 377-5822		2 To (Recipient's Name) MR. BILL THOMAS		Recipient's Phone Number (Very Important) (904) 485-1344	
Company SHULTES & KOUGLER ENVIRONMENTAL		Department/Floor No.		Company FLA DEPT. ENV. REGULATION		Department/Floor No.	
Street Address 1213 NW 4TH ST							
City GAINSVILLE				State FL			

AIRBILL NO. 475802972	ZIP® Zip Code Required For Correct Invoicing 326014240	ZIP Street Address Zip Required (No P.O. Box® Zip Code) 32399-2400
------------------------------	------------------------------------------------------------------	------------------------------------------------------------------------------

3 YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.) 74-25-01				H HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS STATION: Street Address (See Service Guide or Call 800-238-5355)		Federal Express Use Base Charges	
PAYMENT <input checked="" type="checkbox"/> Bill Shipper <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card				City		Declared Value Charge	
<input type="checkbox"/> Cash <input type="checkbox"/> FedEx Acct. No. or Major Credit Card No.				State		Origin Agent Charge	

4 SERVICES CHECK ONLY ONE BOX		DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED		PACKAGES	WEIGHT	YOUR DECLARED VALUE	OVER SIZE	ZIP® Zip Code of Street Address Required	
1 <input type="checkbox"/> PRIORITY 1 Overnight Delivery Using Your Packaging		1 <input type="checkbox"/> HOLD FOR PICK-UP Give the Federal Express address where you want package held in Section H at right.						Emp. No. Date	
2 <input checked="" type="checkbox"/> OVERNIGHT LETTER (Our Packaging) 9"x12"		2 <input checked="" type="checkbox"/> DELIVER WEEKDAY (REGULAR)						<input type="checkbox"/> Cash Received	
3 <input checked="" type="checkbox"/> OVERNIGHT DELIVERY USING OUR PACKAGING Courier-Pak Overnight Envelope 12"x15 1/2"		3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge applies)						<input type="checkbox"/> Return Shipment	
4 <input type="checkbox"/> Overnight Box 12 1/2" x 17 1/2" x 3" A <input type="checkbox"/>		4 <input type="checkbox"/> RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages only, Extra charge applies)		Total	Total	Total		<input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del. <input type="checkbox"/> Chg. To Hold	
5 <input type="checkbox"/> Overnight Tube 38" x 6" x 6" B <input type="checkbox"/>		5 <input type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge applies)						Street Address	
6 <input type="checkbox"/> STANDARD AIR Delivery not later than second business day		6 <input type="checkbox"/> DRY ICE _____ Lbs.		Received At				City State Zip	
7 <input type="checkbox"/> SERVICE COMMITMENT		7 <input type="checkbox"/> OTHER SPECIAL SERVICE _____		Shipper's Door <input type="checkbox"/>				Received By:	
8 <input type="checkbox"/> PRIORITY 1 - Delivery is scheduled early next business morning in most locations. It may take two or more business days if the destination is outside our primary service areas.		8 <input type="checkbox"/> SATURDAY PICK-UP OR SATURDAY DROP-OFF (Extra charge applies)		Regular Stop <input type="checkbox"/>				Date/Time Received FedEx Employee Number	
9 <input type="checkbox"/> STANDARD AIR - Delivery is generally next business day or not later than second business day. It may take three or more business days if the destination is outside our primary service areas.				On-Call Stop <input type="checkbox"/>				Total Charges	
				FedEx Loc. <input checked="" type="checkbox"/>				PART #2041738901 FEC-S-751-1000 REVISION DATE 2/85 PRINTED U.S.A. NCR	
				Federal Express Corp. Employee No. 61391					
				Date/Time For Federal Express Use 4-17-1987					

RECIPIENT'S COPY



United States Department of the Interior

FISH AND WILDLIFE SERVICE

75 SPRING STREET, S.W.
ATLANTA, GEORGIA 30303

May 1, 1987

File copy

DER

MAY 6 1987

BAQM

Mr. Larry George
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. George:

We appreciate the opportunity to review and comment on the Prevention of Significant Deterioration (PSD) air quality permit application for Central Phosphates, Inc. Central Phosphates, Inc., is located in Hillsborough County, Florida, approximately 75 kilometers southwest of Chassahowitzka National Wildlife Refuge, a class I air quality area, administered by the U.S. Fish and Wildlife Service. Central Phosphates, Inc., is proposing a cogeneration project which will result in a production rate increase in four existing sulfuric acid plants. The proposed production rate increase will result in a significant net increase in sulfur dioxide (SO₂) and sulfuric acid mist (H₂SO₄) emissions, and is considered a major modification under PSD regulations.

Based on the information provided and our own technical analysis, we would not expect emissions from the Central Phosphates, Inc., facility alone to adversely impact the air quality or the air quality related values of Chassahowitzka NWR. However, we have several comments regarding the air quality and best available control technology contained in the application. These comments are discussed in the attached technical review document.

If you have any questions regarding our comments, please contact Mr. Wayne King of our Air Quality Division at (303) 236-8765.

Sincerely yours,

James W. Pulliam, Jr.
Regional Director

copied:

Tom Rogers }
Pradeep Raval } 5-6-87 RRL
Barry Andrews }

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

75 SPRING STREET, S.W.

ATLANTA, GEORGIA 30303

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
UNITED STATES DEPARTMENT
OF THE INTERIOR

INT 423

Mr. Larry George
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

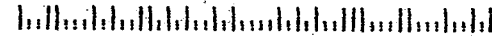
83

Q
Air

~~Handwritten signature~~
Chair
~~Handwritten signature~~

5-6-87

87



I have copied Tom,
Pradeep, & Barry. Return
for file.

g. l. l. l. l. l.
Bm