

P.O. Drawer L.
Plant City, Florida 33564-9007
Telephone: 813/782-1591



CF Industries, Inc.
Plant City Phosphate Complex

RECEIVED

May 3, 2004

MAY 05 2004

BUREAU OF AIR REGULATION

Mr. Syed Arif
Permit Engineer
Permitting South Section
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: DEP File No. 0570005-019-AC; PSD-FL-339
Sulfuric Acid Production Increase, Plant City, Phosphate Complex

Dear Mr. Arif:

Enclosed is the proof of publication of the "Public Notice of Intent to Issue Air Construction Permit" for the "C" and "D" Sulfuric Acid Plant upgrade. Thank you for your assistance in expediting the publication.

Sincerely,

Thomas A. Edwards
Superintendent, Environmental Affairs

Enclosure

RECEIVED

MAY 05 2004

THE TAMPA TRIBUNE
Published Daily
Tampa, Hillsborough County, Florida

BUREAU OF AIR REGULATION

State of Florida }
County of Hillsborough } ss.

Before the undersigned authority personally appeared C. Pugh, who on oath says that she is the Advertising Billing Supervisor of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

in the matter of REVISED PUBLIC NOTICE

was published in said newspaper in the issues of
APRIL 29, 2004

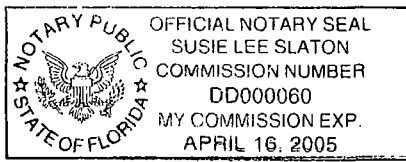
Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

C. Pugh

Sworn to and subscribed by me, this 30 day
of APRIL, A.D. 20 04

Personally Known or Produced Identification _____
Type of Identification Produced _____

Susie Lee Slaton



RECEIVED
MAY 05 2004
BUREAU OF AIR REGULATION

**PUBLIC NOTICE
INTENT TO ISSUE AIR
CONSTRUCTION PERMIT**
(Replaces Public Notice
published on 4/28/04)

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION DEP File No.
0570005-019-AC
(PSD-FL-339)
CF Industries, Plant City
Phosphate Complex
Hillsborough County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit pursuant to the rules for the Prevention of Significant Deterioration of Air Quality (PSD) to CF Industries, Inc. to modify existing sulfuric acid plants at its Plant City Phosphate Complex located in Plant City, Hillsborough County. A Best Available Control Technology (BACT) determination was required for sulfur dioxide, sulfuric acid mist and nitrogen oxides pursuant to Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD). The applicant's name and address are CF Industries, Inc., 10608 Paul Buchman Highway, Plant City, Florida 33565.

CF Industries proposes to modify its existing "C" and "D" sulfuric acid plants to increase the production rate of each plant to 75 tons per day. The modification at each plant involves replacement of conventional vanadium catalyst in the final pass of each converter with cesium promoted vanadium catalyst. Other upgrades and equipment replacement will be performed as described in the permit application.

The Department has determined that BACT for the project is an emission limit of 3.5 pounds of sulfur dioxide (SO₂) per ton of 100% sulfuric acid (H₂SO₄) on a three-hour rolling average and 0.10 pounds of sulfuric acid mist per ton of 100% H₂SO₄ as BACT for this project. The double absorption process including installation of cesium promoted catalyst and mist eliminators assures maximum conversion of SO₂ to product.

An air quality impact analysis was required for SO₂ and nitrogen oxides (NO_x). Except for the SO₂ 3-hour averaging time, no significant impacts were predicted in the vicinity of the project or in PSD Class I Chassahowitzka National Wilderness Area located approximately 69 km away at its closest point. A PSD Class I increment analysis was performed for the SO₂ 3-hour averaging time. Based on the required analyses, the Department has reasonable assurance that the proposed project will not cause or significantly contribute to a violation of any PSD increment in the Class I area.

The Department will issue the Final Air Construction Permit in accordance with the conditions of the Draft Air Construction Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for a public meeting concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT". Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL

32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to

5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection, Bureau of Air Regulation
111 S. Magnolia Drive,
Suite 4
Tallahassee, Florida, 32301
Telephone: 850-488-0114
Fax: 850-922-6979

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813-744-6100
Fax: 813-744-6084

Hillsborough County Environmental Protection Commission
1410 North 21st Street
Tampa, Florida 33605
Telephone: 813-272-5960
Fax: 813-272-5157

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, Permitting South Section at 111 South Magnolia Drive, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.

6056

4/98/04