



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.  
ATLANTA, GEORGIA 30365

APR 28 1993

RECEIVED

MAY 03 1993

Division of Air  
Resources Management

4APT-AEB

Mr. Clair H. Fancy, P.E., Chief  
Bureau of Air Regulation  
Florida Department of Environmental  
Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

RE: IMC Fertilizer, Incorporated, Mulberry, Polk County, Florida  
(PSD-FL-201)

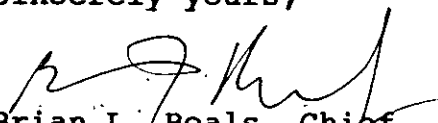
Dear Mr. Fancy:

This is to acknowledge receipt of an application for a Prevention of Significant Deterioration (PSD) permit for the above referenced facility by your letter dated March 22, 1993. The major modification proposed consists of an increase in the phosphoric acid (PAD) production rate at one of three existing PAD plants at the above referenced location. The third train PAD production rate will increase to about 105 TPH P<sub>2</sub>O<sub>5</sub> from the current 92 TPH P<sub>2</sub>O<sub>5</sub> rate. As discussed between Mr. Cleve Holladay of your staff and Mr. Stan Kukier of my staff on April 13, 1993, we have reviewed the package as submitted and have no adverse comments.

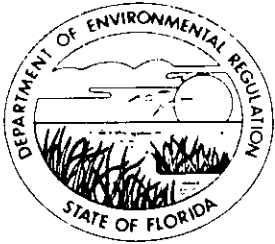
We agree with your determination of BACT for control of the Mulberry IMC Fertilizer facility's PAD plant fluoride emissions. An existing wet scrubber system consisting of a combination of a crossflow packed bed scrubber and cyclonic demister will be used to minimize both phosphate rock/sulfuric acid reactor and PAD filter fluoride emissions. The proposed project will not require construction or modification of any PAD plant process equipment.

Thank you for the opportunity to comment on this package. If you have any questions, please contact Mr. Stan Kukier of my staff at (404) 347-5014.

Sincerely yours,

  
Brian L. Beals, Chief  
Source Evaluation Unit  
Air Enforcement Branch  
Air, Pesticides, and Toxics  
Management Division

CC: J. Reynolds  
C. Holladay  
B. Thomas, SW Dist.  
Q. Buryak, NPS  
Q. Novak, Polk Co.  
Q. Koogler, K+A



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

March 22, 1993

Mr. John Bunyak, Acting Chief  
Policy, Planning and Permit Review Branch  
National Park Service-Air Quality Division  
P. O. Box 25287  
Denver, CO 80225

Dear Mr. Bunyak:

RE: IMC Fertilizer, Inc.  
Polk County, PSD-FL-201

The Department has received the above referenced PSD application package. Please review this package and forward your comments to the Department's Bureau of Air Regulation by April 9, 1993. The Bureau's FAX number is (904)922-6979.

If you have any questions, please contact John Reynolds or Cleve Holladay at (904)488-1344 or write to me at the above address.

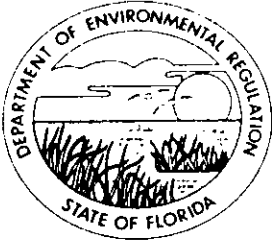
Sincerely,

*Patricia G. Adams*

*for* C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/pa

Enclosures



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

March 22, 1993

Ms. Jewell A. Harper, Chief  
Air Enforcement Branch  
U.S. EPA, Region IV  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

Dear Ms. Harper:

RE: IMC Fertilizer, Inc  
Polk County, PSD-FL-201

The Department has received the above referenced PSD application package. Please review this package and forward your comments to the Department's Bureau of Air Regulation by April 9, 1993. The Bureau's FAX number is (904)922-6979.

If you have any questions, please contact John Reynolds or Cleve Holladay at (904)488-1344 or write to me at the above address.

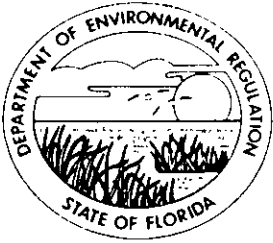
Sincerely,

*Patricia G. Adams*

*for* C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/pa

Enclosures



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

March 22, 1993

Ms. Linda Novak  
Polk County Board of County Commissioners  
Environmental Services Department  
P. O. Box 60  
330 West Church Street  
Bartow, FL 33830

Dear Ms. Novak:

IMC Fertilizer, Inc.  
Polk County, PSD-FL-201

Enclosed for your review is the above referenced permit application. Please forward your comments to the Bureau of Air Regulation by April 9, 1993. The Bureau's FAX number is (904)922-6979.

If you have any questions, please call John Reynolds or Cleve Holladay at (904)488-1344 or write to me at the above address.

Sincerely,

*Patricia G. Adams*

*for* C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/pa

Enclosure