



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

JAN 25 1993

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-199)

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 December 11, 1992. The major modification proposed consists of the addition of a new air classification system to an animal feed ingredients (AFI) plant at the above referenced location. As discussed between Mr. John Reynolds of your staff and Mr. Stan Kukier of my staff on January 5, 1993, we have reviewed the application as submitted and have the following comment:

Based upon a review of EPA background documents and BACT determinations for other recently permitted dry food product processing facilities, it is recommended that the applicant provide additional information indicating why a lower exit grain loading emission limit could not be met. An emission limit of 0.005 gr/dscf was recently permitted (PSD-TN-131, 5/23/91) for pulse-type baghouse control of an A.E. Staley corn starch processing facility's spray drier system. An emission limit of 0.01 gr/dscf was also permitted for conventional baghouse control of several material handling operations at the same facility. An emission limit of 0.005 gr/dscf was also permitted (CA-0131, 1/24/86) for baghouse control of a pneumatic almond separation process. The additional information indicates that a pulse-type baghouse collector exit grain loading concentration of 0.01 gr/dscf or lower may be feasible.

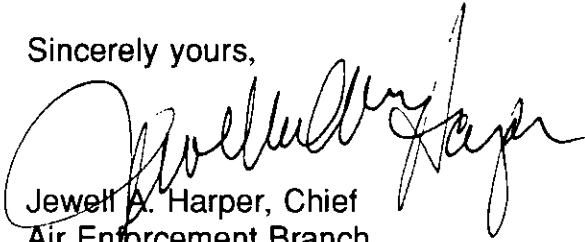
RECEIVED

JAN 29 1993

Division of Air  
Resources Management

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

Sincerely yours,



Jewell A. Harper, Chief  
Air Enforcement Branch  
Air, Pesticides, and Toxics  
Management Division

cc: J. Reynolds  
C. Holladay  
B. Thomas, SW Dist.  
X. Novak, PCESD  
Q. Brafford, IMC



United States Department of the Interior



FISH AND WILDLIFE SERVICE  
75 Spring Street, S.W.  
Atlanta, Georgia  
30303

January 5, 1993

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

RECEIVED

JAN 08 1993

Division of Air  
Resources Management

Dear Mr. Fancy:

We have completed our review of the IMC Fertilizer, Inc., permit application for the proposed product air classifier at the Animal Feed Ingredients (AFI) Plant at Mulberry, Florida. The AFI Plant is located approximately 102 km southeast of the Chassahowitzka Wilderness Area (WA), a Class I air quality area, administered by the Fish and Wildlife Service.

Particulate matter is the only pollutant that will be emitted in significant amounts from the proposed product air classifier. IMC performed the Level 1 VISCREEN screening analysis to evaluate potential visibility impacts in the Chassahowitzka WA from this source. The source passed this analysis; and, therefore, has low potential for causing visibility impairment due to plumes in the wilderness area.

Based on the visibility modeling results, the relatively low emissions, and the distance from the Chassahowitzka WA, we do not anticipate that resources in the wilderness area will be adversely affected by emissions from this facility.

Thank you for giving us the opportunity to comment on this permit application. We appreciate your cooperation in notifying us of proposed projects with the potential to impact the air quality and related resources of our refuges. If you have any questions regarding this matter, please contact Ellen Porter of our Air Quality office in Denver at 303/969-2071.

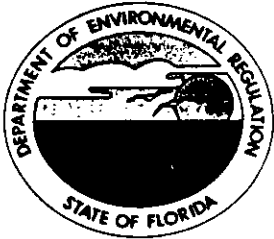
Sincerely yours,

John R. Eadie  
Acting Regional Director

cc:

Jewell Harper, Chief  
Air Enforcement Branch  
Air, Pesticides and Toxic Management Division  
U.S. EPA, Region 4  
345 Courtland Street, NE.  
Atlanta, Georgia 30365

J. Reynolds  
C. Holladay  
B. Thomas, SW Dist  
Z. Novak, PC ESD  
G. Bradford, IMC



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

December 11, 1992

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

Dear Ms. Novak:

RE: IMC Fertilizer, Inc.  
AFI Air Classifier  
Polk County, PSD-FL-199

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 January 4, 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*

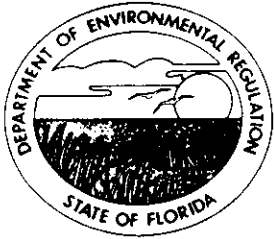
*PH* C. H. Fancy, P.E.

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

Carol M. Browner, Secretary

December 11, 1992

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

Dear Mr. Mitchell:

RE: IMC Fertilizer, Inc.  
AFI Air Classifier  
Polk County, PSD-FL-199

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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*

*you* C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CHF/pa

Enclosures



# Florida Department of Environmental Regulation

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Lawton Chiles, Governor

Carol M. Browner, Secretary

December 11, 1992

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.  
AFI Air Classifier  
Polk County, PSD-FL-199

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Sincerely,

*Patricia G. Adams*

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

CHF/pa

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