



FARMLAND INDUSTRIES, INC.

post office box 960 / bartow, florida 33830

December 29, 1989

RECEIVED

JAN 2 1990

DER-BAQM

State of Florida
 Department of
 Environmental Regulation
 Notice of Intent to Issue
 The Department of
 Environmental Regulation
 hereby gives notice to its intent to
 issue a permit to Farmland Indus-
 tries, Inc. to construct a 2,000 tons
 per day sulfuric acid plant at their
 facility near Bartow, Polk County,
 Florida. A determination of Best
 Available Control Technology
 (BACT) was required. The propos-
 ed project is subject to Preven-
 tion of Significant Deterioration
 regulations and federal new source
 performance standards. The
 new sulfuric acid plant (No. 5) will
 replace the existing No. 1 and No.
 2 sulfuric acid plants. The project
 will increase total sulfuric acid
 production at the Farmland facility
 by approximately 8% and is not
 expected to result in significant
 deterioration of the environment.
 No PSD increment will be
 consumed since the existing No. 1
 and No. 2 sulfuric acid plants will
 be shut down. The Department is
 issuing this Intent to Issue for the
 reasons stated in the Technical
 Evaluation and Preliminary
 Determination.

A person whose substantial
 interests are affected by the
 Department's proposed permit-
 ting decision may petition for an
 administrative proceeding (hear-
 ing) in accordance with Section
 120.57, Florida Statutes. The
 petition must contain the infor-
 mation set forth below and must
 be filed (received) in the Office of
 General Counsel of the Depart-
 ment at 2600 Blair Stone Road,
 Tallahassee, Florida 32399-2400,
 within fourteen (14) days of publi-
 cation of this notice. Petitioner
 shall mail a copy of the petition to
 the applicant at the address indi-
 cated above at the time of filing.
 Failure to file a petition within
 this time period shall constitute a
 waiver of any right such person
 may have to request an admini-
 strative determination (hearing)
 under Section 120.57, Florida
 Statutes.

The Petition shall contain the
 following information;

(a) The name, address, and tele-
 phone number of each petitioner,
 the applicant's name and address,
 the Department Permit File
 Number and the county in which
 the project is proposed;

(b) A statement of how and
 when each petitioner received
 notice of the Department's action
 or proposed action;

(c) A statement of how each
 petitioner's substantial interests
 are affected by the Department's
 action or proposed action;

(d) A statement of the material
 facts disputed by Petitioner, if
 any;

(e) A statement of facts which
 petitioner contends warrant
 reversal or modification of the
 Department's action or proposed
 action.

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

Dear Bill:

Pursuant to Section 403.815, Florida Statutes and DER
 Rule 17-103.150 Florida Administrative Code, the Notice of
 Intent to Issue has been published in a local newspaper.
 This newspaper is generally circulated in the County in
 which the project is located. A certified copy of the
 publication is attached.

If you have any questions, please give me a call.

Very truly yours,

C. G. Meier

C. G. Meier
 Administrator,
 Environmental Services

CGM:pm

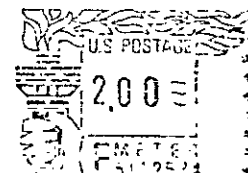
pc: Merle Farris
 Ed Ferking
D. Reynolds
B. Thomas, SW Dist.
M. Armentrout, EPA

FII-5430 (10/79)

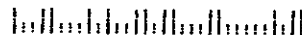


FARMLAND INDUSTRIES, INC

P. O. BOX 960
BARTOW, FLORIDA 33830



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





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

DEC 21 1989

RECEIVED

DEC 26 1989

DER-BAQM

REF: 4APTM/APB/sch

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

RE: Farmland Industries, Inc. (PSD-FL-143)

Dear Mr. Fancy:

This is to acknowledge receipt of the additional information sent to you on November 29, 1989, by Koogler & Associates. This information provided answers to questions raised by your staff and by EPA.

At this time, we do not have any additional questions concerning this application. Thank you for allowing EPA to review this package. If you have any further questions or comments, please contact Mr. Gregg Worley of my staff at (404) 347-2864.

Sincerely yours,

Bruce P. Miller

Bruce P. Miller, Chief
Air Programs Branch
Air, Pesticides and Toxics
Management Division

1-2-90

Clair ~~CSO~~
Bill
John Reynolds

FYI
Return to me for
file - Thanks
Patty

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

AIR-4

Mr. Clair H. Fancy, P.E.
Bureau of Air Regulation
Florida Dept. of Environmental
Regulation

RECEIVED
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DEC 26 1989

DER - BAQM



U.S. OFFICIAL MAIL™

PENALTY
OR
PRIVATE
USE \$300
METER
3091093

U.S. POSTAGE

0.25



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

NOV 29 1989

REF: 4APTM/APB/sch

RECEIVED

DEC 04 1989

DER BAQM

Ms. Patricia G. Adams, Planner
Bureau of Air Regulation
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Farmland Industries, Inc. (PSD-FL-143)

Dear Ms. Adams:

This is to acknowledge receipt of the permit application for the above referenced facility, dated November 3, 1989. We have several questions and comments concerning the application.

As of 1977, the existing facility at Farmland Industries apparently consisted of four sulfuric acid plants (SAP), two phosphoric acid plants, two ammonium phosphate plants and one superphosphoric acid plant. In 1982, sulfuric acid plants #3 and #4 were expanded. Did the expansions constitute major modifications to an existing major source? (i.e. greater than 40 tpy increase in SO₂ emissions).

On March 29, 1985, sulfuric acid plant #2 was permanently shut down. Why was the plant shut down? Was the shutdown made federally enforceable? Were the permits for SAP #2 rescinded?

In 1987, a green superphosphoric acid plant (GSPAP) was permitted. Apparently the reduction in NO_x emissions from the shutdown of SAP #2 was used to "net" the new plant out of PSD review. Was there a significant (3 tpy) increase in fluoride emissions from the new facility? Was the shutdown of SAP #2 made federally enforceable at the time of the netting transaction?

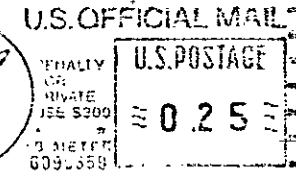
The current application is for the construction of SAP #5 along with an associated cogeneration facility. The applicant wishes to use the shutdown of SAP #2 along with the proposed shutdown of SAP #1 for netting purposes. Although the proposed reductions will not result in the netting out of PSD review, the emissions reductions are combined with the emissions increases from SAP #5 and the GSPAP in modelling the ambient impact.

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

AIR-4

Ms. Patricia G. Adams, Planner
Bureau of Air Regulation
Florida Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400



MAILED
NOV 29 1989

MAILED

NOV 29 1989

What emissions are associated with the proposed cogeneration facility? Will any of the electricity or steam be sold to outside parties? If so, approximately what percent?

Thank you for the opportunity to review and comment on this package. If you have any questions, please contact Gregg Worley of my staff at (404) 347-2864.

Sincerely yours,

Bruce P. Miller

Bruce P. Miller, Chief
Air Programs Branch
Air, Pesticides and Toxics
Management Division

*copied: J. Reynolds
B. Andrews
M. Linn
B. Thomas, SW Dist
CAF/BT*