





Florida Department of
Environmental Protection

Memorandum


TO: Howard Rhodes 

THROUGH: C. H. Fancy  

FROM: A. A. Linero / Martin Costello 

DATE: January 11, 1996

SUB: South Pierce SAP Plants No. 10 and 11
AC53-199112(A) / PSD-FL-179(A)
Request to re-issue expired construction permit with
corrections



Attached for your review and approval is a permit which re-issues and amends the expired construction permit to remove the NO_x limits and testing requirements from the above referenced sulfuric acid plants. The specific conditions which imposed limits and testing requirements for NO_x on these sulfuric acid plants were apparently not based on state or federal rule requirements, public health concerns, or third party considerations. The emission limits may have been based on the data provided in the application.

If you have any questions, we I will be glad to discuss the details.

AAL/mc/t



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

January 10, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. C. D. Turley
Environmental Coordinator
IMC-Agrico Company
Post Office Box 1035
Mulberry, Florida 33860

Dear Mr. Turley:

Re: South Pierce SAP Plants No. 10 and 11
AC53-199112(A) / PSD-FL-179(A)
Amendment/Re-issued Construction Permit

Attached is the re-issued/amended construction permit for the above referenced sulfuric acid plants. This action removes the NO_x limits and testing requirements from the above referenced permit.

Please submit any comments you may have concerning the Department's action to Mr. A. A. Linero, P.E., at the above address. If you have any questions, please call Mr. Martin Costello or Mr. Linero at (904) 488-1344.

Sincerely,

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

CHF/mc/t

cc: Jerry Kissel, SWD
Jewell Harper, EPA
Roy Harwood, Polk Co.
John Koogler

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:
 C. D. Turley, Env. Coord.
 IMC Agrico Co.
 P O BOX 1035
 Mulberry, FL 33860

4a. Article Number
 2 127 633 146

4b. Service Type

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured
<input checked="" type="checkbox"/> Certified	<input type="checkbox"/> COD
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Return Receipt for Merchandise

7. Date of Delivery
 1-19-96 JZ

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)
 [Signature]

6. Signature (Agent)
 [Signature]

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Z 127 633 146



**Receipt for
Certified Mail**

No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

PS Form 3800, March 1993

Sent to C D Turley	
Street and IMC-Agrico	
City, State and ZIP Code Mulberry FL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date SAP 10 + 11	
PSD-FI- 1-12-96 179(A)	



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

PERMITTEE:
IMC-Agrico Chemical Company
Post Office Box 1035
Mulberry, FL 33860

Permit Number: AC 53-199112(A)
PSD-FL-179(A)
Expiration Date: 12/30/96
Project: Sulfuric Acid Plants
Nos. 10 and 11

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4, 62-210 through 297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the amendment of the construction permit AC 53-199112 which expired December 31, 1995 to remove the nitrogen oxide standard and testing requirements from Specific Conditions 4 and 6.

The IMC-Agrico facility is located on S.R. 630 near Fort Meade, Polk County, Florida. The UTM coordinates of this facility are Zone 17, 407.5 km East and 3071.3 km North.

The project shall be constructed/operated in accordance with the attached request, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Original construction permit AC53-199112 issued April 17, 1992
2. Extension of AC53-199112 dated November 18, 1993.
3. Correction of AC53-199112 dated April 21, 1992.
4. Request to amend AC53-199112 dated March 14, 1995

PERMITTEE:
IMC-Agrico Chemical Company

Permit Number: AC 53-199112(A)
Expiration Date: 12/30/96

SPECIFIC CONDITIONS:

1. This permit supersedes permit AC53-199112 / PSD-FL-179 dated April 17, 1992, and its revisions: 1) Extension of AC53-199112 dated November 18, 1993 and 2) Correction of AC53-199112 dated April 21, 1992.
2. The provisions of permit AC53-199112 / PSD-FL-179 dated April 17, 1992, and its revisions referenced above are incorporated into this air construction permit except for the following changes:

Specific Condition No. 4:

From:

Nitrogen oxides emissions from each plant shall not exceed 0.12 lb/ton of 100% sulfuric acid produced, 13.5 lbs/hr, and 59.1 tons/yr.

To:

For PSD purposes only: Nitrogen oxides emissions from each plant are estimated to be 0.12 lb/ton of 100% sulfuric acid produced, 13.5 lbs/hr, and 59.1 tons/yr.

Specific Condition No. 6:

From:

A continuous emission monitor shall be used to monitor sulfur dioxide emissions from each plant in accordance with 40 CFR 60, Subpart H (July 1, 1991), Standards of Performance for Sulfuric Acid Plants. Initial and annual compliance tests shall be conducted using: EPA Method 7E for nitrogen oxides, EPA Method 8 for sulfur dioxide and acid mist, and EPA Method 9 for visible emissions as described in 40 CFR 60, Appendix A (July 1, 1991).


PERMITTEE:
IMC-Agrico Chemical Company

Permit Number: AC 53-199112(A)
Expiration Date: 12/30/96

TO:

A continuous emission monitor shall be used to monitor sulfur dioxide emissions from each plant in accordance with 40 CFR 60, Subpart H (July 1, 1991), Standards of Performance for Sulfuric Acid Plants. Initial and annual compliance tests shall be conducted using: EPA Method 8 for sulfur dioxide and acid mist, and EPA Method 9 for visible emissions as described in 40 CFR 60, Appendix A (July 1, 1991). **An initial stack test shall be conducted using EPA Method 7E for nitrogen oxides to confirm the 0.12 lbs (NOx)/ton (100% acid) emission factor.**

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**


Howard L. Rhodes, Director
Division of Air Resources
Management