

Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

November 20, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Selwyn Presnell, Env. Mgr.
Agrico Chemical Company
Post Office Box 1110
Mulberry, Florida 33860

Dear Mr. Presnell:

Re: File Number AC 53-199112 Sulfuric Acid Plants Nos. 10 & 11
File Number AC 53-201152 Molten Sulfur Storage System

The Department has reviewed your response received on October 23, 1991 to its incompleteness letters of July 26, 1991 and August 26, 1991. In addition, the National Park Service has communicated its concerns to the Department about the impact this project may have on the Chassahowitzka Class I area located to the northwest of your facility. Before this application can be processed further, the Department will need the following information:

Please evaluate the impact of this project on the Class I Chassahowitzka National Wilderness Area. This evaluation should include a cumulative SO₂ PSD Class I increment analysis, a visibility analysis, and an air quality related values analysis (AQRV). The AQRV analysis includes impacts to soils, vegetation, and wildlife.

Please send the requested information to Cleve Holladay at the above address. The processing of your application will continue as soon as this information is received.

Sincerely,

Barry D. Anderson
for C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/kt

cc: B. Thomas, SW District
J. Koogler, P.E.
J. Harper, EPA
C. Shaver, NPS

P 617 884 189



Certified Mail Receipt

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Sent to	
Selwyn Presnell	
Street & No.	
Agrico Chem. Co	
P.O. State & ZIP Code	
Mulberry, IL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	
AC 53-199112 11-20-91 201152	

PS Form 3800, June 1990

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 next to the article number.

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

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Selwyn Presnell, Env. Mgr
Agrico Chemical Co
P.O. Box 1110
Mulberry, IL 33860

4a. Article Number

P 617 884 189

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

11-25-91

5. Signature (Addressee)

6. Signature (Agent)

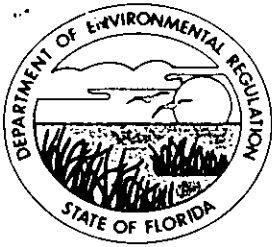
Ray Holloway

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

PS Form 3811, October 1990

☆ U.S. GPO: 1990-273-861

DOMESTIC RETURN RECEIPT



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

August 26, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Selwyn Presnell, Environmental Manager
Agrico Chemical Company
Post Office Box 1110
Mulberry, Florida 33860

Dear Mr. Presnell:

Re: AC 53-201152, Molten Sulfur Storage and Handling System

The Department has made a preliminary review of your application for permit to modify the molten sulfur storage and handling system at Agrico Chemical Company's South Pierce plant. Before this application can be processed, the Department will need the following information:

1. Please clarify the process rate for this system. The 150,000 lbs/hr process rate for sulfur listed in Section III B. of the application is not equivalent to the maximum process rate of 2,050 TPD listed in Attachment II.
2. What is the basis of the pollutant concentrations listed in Attachment 1? What is the ventilation rate for the system?
3. Please provide a copy of the Koogler and Enviroplan data that the 0.2 grains/dscf sulfur particle concentration is based on.
4. What is the basis of the equilibrium concentrations for H₂S, SO₂, and VOC? What is the relationship between the equilibrium concentrations, concentrations in Attachment 1, and the emission estimates?
5. Please provide a copy of the 3 references for emission estimates prepared by Dr. John B. Koogler.
6. What is the basis for the wind induced ventilation for the 5 vents on the storage tanks (Attach. 3c, 4.c.)?



Mr. Selwyn Presnell
Page 2 of 2

We will resume processing the application after the requested information is received. If you have any questions on this matter, please write to me or call Willard Hanks at 904-488-1344.

Sincerely,

A handwritten signature in dark ink, appearing to read 'C. H. Fancy', written in a cursive style.

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

CHF/WH/plm

c: Bill Thomas, SW Dist.
Pradeep Raval, P.E.

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

Sent to	
Mr. Selwyn Prosnell	
Street & No.	
Aspico Chem. Co.	
P.O. State & ZIP Code	
Thulberry, IL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
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AC 53-201152 8-26-91	

PS Form 3800, June 1990

<p>SENDER: Complete items 1 and 2 when additional services are desired, and complete Items 3 and 4.</p>	
<p>Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. <u>The return receipt fee will provide you the name of the person delivered to and the date of delivery.</u> For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.</p>	
<p>1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. ↓(Extra charge)↓</p>	<p>2. <input type="checkbox"/> Restricted Delivery ↓(Extra charge)↓</p>
<p>3. Article Addressed to: <i>Mr. Selwyn Peggell, Engr. Mgr. Aguco Chem. Co. P.O. BOX 1110 Mulberry, FL 33860</i></p>	<p>4. Article Number <i>P832 538 939</i></p> <p>Type of Service:</p> <p><input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD</p> <p><input type="checkbox"/> Express Mail</p>
<p>Always obtain signature of addressee or agent and <u>DATE DELIVERED</u>.</p>	
<p>5. Signature — Addressee <i>X</i></p>	<p>8. Addressee's Address (<i>ONLY if requested and fee paid</i>)</p>
<p>6. Signature — Agent <i>X [Signature]</i></p>	
<p>7. Date of Delivery <i>8-29-91</i></p>	