



VIA FAX ✓ 12/11/96 L.

December 11, 1996

RECEIVED

DEC 16 1996  
BUREAU OF  
AIR REGULATION

Mr. Martin Costello  
Florida Department of Environmental  
Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

RE: DAP 2 Plant, East Train AIRS No. 1050059, Unit 045, A053-215386  
DAP 2 Plant, West Train AIRS No. 1050059, Unit 046, A053-215387

Dear Mr. Costello:

Based on your conversation with C. D. Turley on December 11, 1996, the attached emissions information is submitted in support of our request to apply the permitted operating hours for the DAP 2 Plant as a total limitation rather than individually to each train. The change will allow approximately 110 hours of extra operation of the West Train while the East Train will operate approximately 425 hours less than the individual limit of 7,920 hours per year.

The most recent compliance test results were 1.18 lbs/hr of fluoride (3.5 lbs./hr allowed) and 2.05 lbs/hr of particulate matter (14.1 lbs/hr allowed). Considering the worst case for the additional 110 hours, the West Train fluoride emission is 0.06 tons/year and the particulate emission is 0.11 tons/year. This is well below the PSD significant increase levels.

As indicated to you, this request is being made to prevent downtime for the end of this year. For planning purposes, we need to know the acceptability of this request as soon as possible. This limit will be reached at the end of December.

Your assistance in this matter is greatly appreciated.

Yours truly,

P. A. Steadham  
Chief Environmental Services  
Concentrates

*cc: G. Ruffaldi  
Mr. Costello*

PAS:lmr  
Attachment

## DAP 2 Increased Emissions Calculations

### DAP 2 West Emissions Data from March 7, 1996

Fluoride test results = 1.18 lbs/hr.

Particulate test results = 2.05 lbs/hr.

Emissions increase based on an additional operating time of 110 hours.

Fluoride,  $1.18 \text{ lbs/hr} \times 110 \text{ operating hours} / 2000 \text{ lbs/ton} = 0.06 \text{ tons}$ .

Particulate,  $2.05 \text{ lbs/hr} \times 110 \text{ operating hours} / 2000 \text{ lbs/ton} = 0.11 \text{ tons}$ .

# TRANSMIT CONFIRMATION REPORT

NO. : 003  
RECEIVER : 904 922 6979  
TRANSMITTER : IMC-Agrico Main Office  
DATE : DEC 11'96 17:13  
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**IMC-Agrico Company**

New Wales Plant

P.O. Box 2000

Mulberry, Florida 33860

Telephone No. 941-428-2500

Fax No. 941-428-7190

**FAX MESSAGE**

<b>TO:</b> Martin Costello Fla. Dept. Of Env. Prot.	<b>Fax No.</b> (904) 922-6979
<b>FROM:</b> Phil A. Steadham	<b>Telephone No.</b> 941-428-7106 <b>Fax No.</b> 941-428-7190
<b>DATE:</b> 12/11/96	<b>Total Number of Pages Faxed:</b> (Including Cover Sheet) 3

**Comments:**



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**Certified Mail**  
**Return Receipt Requested**

November 7, 1996

Mr. Clair Fancy  
Florida Department of  
Environmental Protection  
Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RE: DAP II Plant**  
**Permit No. AC53-118671**  
**AIRS ID No. 1050059**  
**Unit ID No. 45 and 46**  
**New Wales Plant**

Dear Mr. Fancy:

Per your telephone request, enclosed is the additional \$200 for the remainder of the modification fee for the above-referenced permit.

The original letter requesting modification was sent to your office on October 28 with a \$50 check (check number 131467 dated October 11, 1996).

Thank you for your attention in this matter. If there are any questions, please contact C. D. Turley at 941-428-7153.

Sincerely,

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NOV 19 1996

BUREAU OF  
AIR REGULATION

P. A. Steadham  
Chief Environmental  
Services - Concentrates

Enclosure

cwk  
pas96

new #: 1050059-015-AC

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