

GLADES SUGAR HOUSE

# Sugar Cane Growers Cooperative of Florida

POST OFFICE BOX 666

BELLE GLADE, FLORIDA

ZIP CODE 33430

December 30, 1982

DER  
JAN 3 1983  
BAQM

*OK  
BK / ceve / file*

Mr. C.H. Fancy, Deputy Chief  
Bureau of Air Quality Management  
State of Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. Fancy:

Please refer to our letter dated December 27, 1982 in relation to the compliance tests required on the unit of reference. Two changes need to be made:

1. On the first paragraph of our letter, the date of the test should be corrected to read Tuesday, January 25, 1983.
2. South Florida Environmental Services, Inc. rather than Environmental Science and Engineering, Inc. will perform the NO<sub>x</sub> test.

Sincerely,



E. R. Arias  
Executive Vice President

ERA/st

cc: Chief, Air Facilities Branch  
Air and Waste Management Division  
U.S. Environmental Protection Agency  
Region IV

David Knowles, DER South Florida District  
Michael Martin, Palm Beach County Health Department  
William H. Green, Hopping, Boyd, Green & Sams  
David Buff, Environmental Science & Engineering, Inc.  
Steve Neck, Environmental Science & Engineering, Inc.  
William D. Arlington, South Florida Environmental Services, Inc.

*Cleve*

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR  
VICTORIA J. TSCHINKEL  
SECRETARY

January 7, 1983

Mr. David A. Bare  
Director of Environmental  
Relations  
Florida Sugar Cane League  
Post Office Box 1148  
Clewiston, Florida 33440

Dear Mr. Bare:

Reference: Sugar Cane Growers Cooperative of Florida,  
Quality Assurance Plan for Post Construction  
Monitor, Revision 0, Dated November 12, 1982.

Review of the subject document has been completed by my staff. The document, with the addition of the attached SOPs (DER-03-2, Calibration of Flow Rates; and DER-03-3, Flow Rate Audits for TSP) meets the requirements for quality assurance activities needed to produce acceptable ambient air quality data in support of Prevention of Significant Deterioration (PSD) monitoring requirements.

Please post this letter with the referenced document as the final approval notice.

Please feel free to contact this office at any time if you have further questions or comments.

Sincerely,

David R. Barker, Ph.D.  
Environmental Administrator  
Quality Assurance Section  
Bureau of Air Quality Management

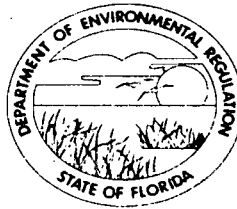
DRB:RJA:ht

attachments

cy: R. J. Arbes  
C. Holladay  
D. Buff - ESE

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

January 26, 1983

Mr. David Bare  
Director of Environmental Relations  
Florida Sugar Cane League  
Clewiston, FL 33440

Re: Florida Sugar Cane League (FSCL) Ambient Air  
Monitoring Network

Dear Mr. Bare:

In our recent telephone conversation you asked whether additional meteorological monitoring, such as measurement of precipitation amounts, would be required to complete FSCL's PSD network. The only meteorological monitoring the Department has required is the measurement of wind direction and wind speed at the site of the SO<sub>2</sub> monitor located at the Florida Celery Exchange southeast of Belle Glade. We required the collection of these data in order to determine a valid SO<sub>2</sub> background concentration for all averaging times.

Sincerely,

*Cleve Holladay*  
Cleve Holladay  
Meteorologist

CH/ks

GLADES SUGAR HOUSE

# Sugar Cane Growers Cooperative of Florida

POST OFFICE BOX 666

BELLE GLADE, FLORIDA

ZIP CODE 33430

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DER

JAN 31 1983

BAQM

January 25, 1983

Mr. C. H. Fancy, Deputy Chief  
Bureau of Air Quality Management  
State of Florida Department of Environmental  
Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Re: Permit Nos. AC50-42476  
PSD FL077

Project: Boiler No. 8

Dear Mr. Fancy:

In your absence, we advised Mr. James Manning last Friday, January 21, 1983, that the compliance tests that were scheduled for Tuesday, January 25, 1983 were cancelled. This action was due to the torrential rains that fell on this area the previous day, and the inclement weather that was forecasted for the weekend.

Our sugar mill had to cease all operations on the night of Thursday, January 20, 1983, and it has not been until today that we have been able to resume operations at a reduced rate.

The compliance tests have now been rescheduled to be performed on Friday, February 4, 1983. It is expected, as we have stated before that the tests will be completed in

Mr. C. H. Fancy  
State of Florida Department of Environmental Regulation  
January 25, 1983  
Page 2

one day, but they could be continued the next day if  
necessary.

Sincerely,



E. R. Arias  
Executive Vice President

ERA/st

cc: Chief, Air Facilities Branch  
Air and Waste Management Division  
U.S. Environmental Protection Agency  
Region IV

David Knowles, DER South Florida District  
Michael Martin, Palm Beach County Health Department  
William H. Green, Hopping, Boyd, Green & Sams  
David Buff, Environmental Science & Engineering, Inc.  
Steve Neck, Environmental Science & Engineering, Inc.  
William D. Arlington, South Florida Environmental Services, Inc.

GLADES SUGAR HOUSE

# Sugar Cane Growers Cooperative of Florida



POST OFFICE BOX 666

BELLE GLADE, FLORIDA

ZIP CODE 33430

*Bob Cleve / File*  
*Ble. ch / File*

June 8, 1983

*Bill*

DER  
JUN 10 1983  
BAQM

Mr. C. H. Fancy, Deputy Chief  
Bureau of Air Quality Management  
Florida Department of Environmental  
Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

• Re: Permit No. AC 50-42476

Dear Mr. Fancy:

On April 21, we sent you an executed original of the Certificate of Completion for our Boiler No. 8, signed by David A. Buff P.E., dated April 12, 1983.

On May 23, 1983 we received a letter from FDER, South Florida District, requesting among other things that the above mentioned Certificate of Completion be signed by an authorized representative of the owner and that Mr. Buff affix his seal in the proper space. Later, in a telephone conversation with Mr. David M. Knowles P.E., he requested that four (4) originals of the Certificate of Completion be sent to his office. On June 7, 1983, a letter was sent to Mr. Knowles complying with all his requests.

We are attaching for your use a new Certificate of Completion which should replace the one which is now in your files. Please note that a correction has been made in the low range of the allowed discharge of particulates (from 69.55

Mr. C. H. Fancy  
Florida Department of Environmental Regulation  
Page 2

to 67.78 lb/hr). This does not affect in any way the compliance of the unit.

Sincerely,

A handwritten signature in cursive script, appearing to read "E. R. Arias". The signature is written in dark ink and is positioned above a horizontal line.

E. R. Arias  
Executive Vice President

ERA/st

Enc.

cc: Mr. T. Michael Taimi, EPA Region IV  
Mr. William H. Green  
Mr. David Buff



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTION SOURCES  
CERTIFICATE OF COMPLETION OF CONSTRUCTION\*

PERMIT NO. AC 50-42476 DATE: October 28, 1981

Company Name: Sugar Cane Growers Cooperative of Florida County: Palm Beach

Source Identification(s): Boiler No. 8

Actual costs of serving pollution control purpose: > \$2,000,000

Operating Rates: \_\_\_\_\_ Design Capacity: 264,000 lb/hr steam; 504x10<sup>6</sup> Btu/hr

Expected Normal 264,000 lb/hr steam During Compliance Test 248,000 lb/hr steam avg.

Date of Compliance Test: February 4, 1983 (Attach detailed test report)

Test Results:	Pollutant	Actual Discharge	Allowed Discharge
	<u>Particulate</u>	<u>0.12 lb/MM Btu</u>	<u>0.144-0.19 lb/MM Btu*</u>
	<u>Particulate</u>	<u>56.52 lb/hr</u>	<u>67.78-88.55 lb/hr*</u>
	<u>Sulfur Dioxide</u>	<u>2.0 lb/hr</u>	<u>152 lb/hr<sup>+</sup></u>

Date plant placed in operation: November 15, 1982

This is to certify that, with the exception of deviations noted\*\*, the construction of the project has been completed in accordance with the application to construct and Construction Permit No. AC 50-42476 dated October 28, 1981.

A. Applicant:

Enrique R. Arias  
Name of Person Signing (Type)

*Enrique R. Arias*  
Signature of Owner or Authorized Representative and Title

Date: 6/6/83 Telephone: 305-996-5556

B. Professional Engineer:

David A. Buff  
Name of Person Signing (Type)

*David A. Buff*  
Signature of Professional Engineer

Environmental Science & Engineering, Inc. Florida Registration No. 19011  
Company Name

Date: April 12, 1983

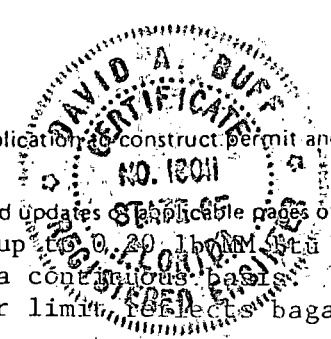
(Seal)

P.O. Box ESE, Gainesville, Fl. 32602  
Mailing Address

904/332-3318  
Telephone Number

\*This form, satisfactorily completed, submitted in conjunction with an existing application for a construction permit and payment of application processing fee will be accepted in lieu of an application to operate.

\*\*As built, if not built as indicated include process flow sketch, plot plan sketch, and updates of applicable pages of application form.  
\*Construction permit allows revision of the BACT limit up to 0.20 lb/MM Btu for bagasse if the lower limit of 0.15 lb/MM Btu cannot be met on a continuous basis. Lower limit shown reflects bagasse at 0.15 lb/MM Btu, whereas upper limit reflects bagasse at 0.20 lb/MM Btu.







**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTION SOURCES  
CERTIFICATE OF COMPLETION OF CONSTRUCTION\***

PERMIT NO. \_\_\_\_\_ DATE: \_\_\_\_\_

Company Name: \_\_\_\_\_ County: \_\_\_\_\_

Source Identification(s): \_\_\_\_\_

Actual costs of serving pollution control purpose: \$ \_\_\_\_\_

Operating Rates: \_\_\_\_\_ Design Capacity: \_\_\_\_\_

Expected Normal \_\_\_\_\_ During Compliance Test \_\_\_\_\_

Date of Compliance Test: \_\_\_\_\_ (Attach detailed test report)

Test Results:	Pollutant	Actual Discharge	Allowed Discharge
	<u>Nitrogen Oxides</u>	<u>58 lb/hr</u>	<u>123 lb/hr</u>
	<u>Carbon Monoxide</u>	<u>&lt;0.1%</u>	<u>140 lb/hr</u>
	<u>Volatile Organic Compounds</u>	<u>42.9 lb/hr</u>	<u>140 lb/hr</u>

Date plant placed in operation: \_\_\_\_\_

This is to certify that, with the exception of deviations noted\*\*, the construction of the project has been completed in accordance with the application to construct and Construction Permit No. \_\_\_\_\_ dated \_\_\_\_\_.

**A. Applicant:**

\_\_\_\_\_  
Name of Person Signing (Type) Signature of Owner or Authorized Representative and Title

Date: \_\_\_\_\_ Telephone: \_\_\_\_\_

**B. Professional Engineer:**

\_\_\_\_\_  
Name of Person Signing (Type) Signature of Professional Engineer

\_\_\_\_\_  
Company Name Florida Registration No. \_\_\_\_\_

Date: \_\_\_\_\_

(Seal)

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Telephone Number

\*This form, satisfactorily completed, submitted in conjunction with an existing application to construct permit and payment of application processing fee will be accepted in lieu of an application to operate.

\*\*As built, if not built as indicated include process flow sketch, plot plan sketch, and updates of applicable pages of application form.