

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee			
To: _____	Locn.: _____		
To: _____	Locn.: _____		
To: _____	Locn.: _____		
From: _____	Date: _____		
Reply Optional	Reply Required	Info. Only	
Date Due: _____	Date Due: _____		

TO: Clair Fancy
THRU: Bill Blommel *WFB*
FROM: Andres Kraul *AK*
DATE: March 4, 1985
SUBJECT: Buckeye Cellulose No. 1 Power Boiler

The Buckeye Cellulose Corporation submitted the tests for the Fines Burning Project (state permit No. AC62-45987) the tests were performed by Exeter Engineering.

The particulate, NO_x and VE tests were performed simultaneously on December 12, 1984. EPA-10 (CO) was conducted on January 10, 1985.

The report shows that the tests were conducted in accordance with EPA guidelines and that the source is in compliance with EPA standards.

An error was found when the calculations of the NO_x emissions were done without adjusting the flowrate for the excess air. However, this error did not change the status of the source.

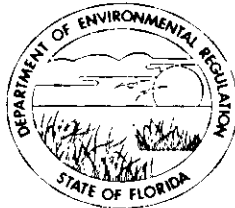
It should be noted that the source permitted capacity is 195,000 pounds of steam/hr. and that the tests were performed at an average rate of 51424 pounds of steam/hr (less than 30% of permitted rate).

If you have any questions, please contact me.

*Note: They are not in compliance if they
operated at 30% during the test period.
WFB*

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

July 10, 1984

CERTIFIED MAIL-RECEIPT REQUESTED

Mr. John Millican
Environmental Control Manager
Buckeye Cellulose Corporation
Route 3, Box 260
Perry, Florida 32347

Re: Request to extend the expiration date of
construction permits (AC62-45987, PSD-FL-085)

Dear Mr. Millican:

The department is in receipt of your request to extend the expiration date of the above referenced state construction permit. The department is in agreement with the request and the following shall be added or changed:

Expiration Date:


From: January 25, 1984
To: January 25, 1985

Specific Conditions:

Add: 9. A compliance test shall be performed
at start-up of the fines burning system.

This letter must be attached to your construction permit, AC62-45987, and shall become a part of that permit.

Sincerely,


Victoria J. Tschinkel
Secretary

ES/agh

cc: Doug Dutton

PS Form 3811, Jan. 1979

SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
☒ Show to whom and date delivered.....
☐ Show to whom, date and address of delivery.....
☐ RESTRICTED DELIVERY
☐ Show to whom and date delivered.....
☐ RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery. \$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Mr. John Millican
 Route 3, Box 260
 Perry, Florida 32347

3. ARTICLE DESCRIPTION:
 REGISTERED NO. CERTIFIED NO. INSURED NO.
 0156528

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE ☐ Addressee ☒ Authorized agent
Winifred H. HARRY, FL

4. DATE OF DELIVERY
 7-13-84

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

POSTMARK
 JUL 13 1984
 USPO

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

☆ GPO : 1979-300-459

No. 0156528

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO
 Mr. John Millican
 STREET AND NO.
 P.O., STATE AND ZIP CODE

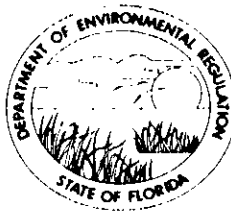
POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢
	SPECIAL DELIVERY	¢
	RESTRICTED DELIVERY	¢
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	¢
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE 7/12/84		

PS Form 3800, Apr. 1976

file copy

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

April 13, 1984

Mr. James T. Wilburn, Chief
Air Management Branch
U.S. EPA, Region IV
345 Courtland St.
Atlanta, Georgia 30308

RE: Request to Extend the Expiration Date of the Construction
Permit, AC 62-45987, for Buckeye Cellulose Corporation

Dear Mr. Wilburn:

The Florida Department of Environmental Regulation, Bureau of Air Quality Management, has received a request from Buckeye Cellulose Corporation to extend their construction permit AC 62-45987. Because this construction permit is also coupled with a Federal PSD permit, PSD-FL-085, we request your comments on this extension.

Sincerely,

C. H. Fancy

for C. H. Fancy, P.E.
Deputy Chief

Bureau of Air Quality Management

CHF/ES/s
attachments

First in cellulose



The Buckeye Cellulose Corporation

Mailing Address: Route 3 Box 260 Perry, Florida 32347 Phone: (904) 584-0121

February 16, 1984

Mr. Clair Fancy
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32301

RE: No. 1 Power Boiler
Fines Burning Permit
A062-045987

DER
FEB 20 1984
BAQM

Dear Mr. Fancy:

The purpose of this letter is to request an extension of the referenced permit for a period of one year ending January 25, 1985.

Background

The operation of the fines burning system was stopped due to excessive sand erosion. To have an economical system, a minimum 30 day life cycle on the pulverizer hammers is necessary. Attempts to make the system more economical include the following:

1. Eliminating the pulverizer: Fines from the bark dryer were used. This material was adequately sized to allow direct conveying to the burners. However, this material had a higher concentration of sand than the bark material originally used. The erosion problem moved to the burners.
2. Harder material on the pulverizer hammers: The hardest material available for a pulverizing piece of equipment only allowed three (3) days of continuous operation. A cintered tungsten carbide tip hammer appears promising if the fuel material sand content can be reduced.
3. Screening the infeed material to the pulverizer: Screening was tried on a small scale with some minor positive success. Unfortunately, the on-site screen was the improper size/design for this operation and blinding was a problem.

In each case, the length of time to make the change, the cost of the change, and the impact on operation caused enough problems to require the system to be shut down. No further test runs will be made until a solution with a reasonable chance for success can be found.

Present Activity

Several screening vendors have been asked to run samples of our material to determine the effectiveness of screening. Based on preliminary data from the various tests, there is a good potential of screening being an effective way to reduce the sand content in the material.

With the initial data being favorable, further work with a specific vendor is now being conducted. Representative material, with varying moisture contents and sand contents, is being analyzed. This activity will define the screen design parameters and any limitations on fuel material.

Mr. Clair Fancy
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February 16, 1984

Next Steps


Assuming favorable lab test results, equipment will be installed for a field test run with the new screens.

The extension is requested to allow operation of the improved system when installed. It would be operated in compliance with the agreements reached in the Buckeye-EPA-DER meetings at Foley on June 30, 1983 and July 7, 1983. We believe the extension promotes the DER objective of protecting the environment because of the potential for replacing residual fossil fuel with the renewable resource from the forests. Since the EPA permit has no expiration date, only an extension of the DER permit should be required.

Your favorable consideration will be appreciated very much. If you have any questions or need additional information, please call me at (904) 584-0347.

Very truly yours,

THE BUCKEYE CELLULOSE CORPORATION


J. H. Millican
Environmental Control Manager

JHM/lsl

1/13/83

Buckeye Cellulose

Jim Farmer	Buckeye	904/584-0333
BOB ISBURGH	"	904/584-0122
RUDY SCHULTZ	"	901/454-8426
STAN KRUGER	"	901/454-8402
JOE RILEY	U.S. E.P.A. REG. DIV.	404/881-4901
Jim Manning	EDER, Tallahassee	904/488-1344
ANDY KUTYNA	Carter Engineering	904/475-2463
Bob Baker	"	904/376-2974
C H FANCY	FDGR, TALLAHASSEE	904 488 1344