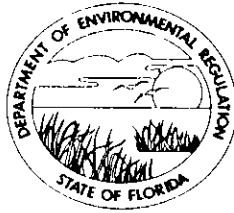


STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

September 21, 1981

Mr. G. B. Ellis, Plant Manager
Buckeye Cellulose Corporation
Route 3 Box 260
Perry, Florida 32347

RE: Preliminary Determination - Proposed Boiler Modification
for Wood Fines Burning (AC 62-45987, PSD-FL-085)

Dear Mr. Ellis:

Please find enclosed one copy of the Preliminary Determination and related materials for both State and Federal air construction permit applications as referenced.

A public notice has appeared in a local newspaper, the Tallahassee Democrat, September 19, 1981. A copy of the Preliminary Determination and your application will be open to public review and comment for a period of 30 days. The public can also request a public hearing to review and discuss specific issues. At the end of this period, the Department will evaluate the comments received and make a final determination regarding the proposed construction.

Should you have any questions regarding this information, please contact Mr. Bill Thomas as (904) 488-1344.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

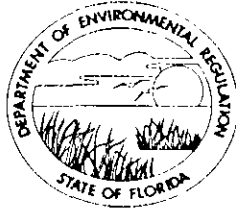
cc: George F. Nevin
Doug Dutton
John Christiano

CHF:caa

PSD-FL-085

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

September 21, 1981

RE: Preliminary Determination - Buckeye Cellulose Corporation,
Proposed Boiler Modification to Burn Wood Fines

Dear

I wish to bring to your attention that Buckeye Cellulose Corporation proposes to modify a boiler to burn wood fines at the company's Kraft Pulp Mill near Perry, Taylor County, Florida, and that emissions of air pollutants will thereby be increased. The Florida Department of Environmental Regulation, under the authority delegated by the U.S. Environmental Protection Agency, has reviewed the proposed construction under Federal Prevention of Significant Deterioration Regulations (40 CFR 52.21) and reached a preliminary determination of approval, with conditions, for this construction. This approval applies only to Federal regulatory requirements and has no bearing on other State or local functions.

Please also be aware that the attached Public Notice announcing the preliminary determination, the availability of pertinent information for public scrutiny and the opportunity for public comment will be published in a local newspaper, the Tallahassee Democrat, September 19, 1981. This notice has been mailed to you for your information and in accordance with regulatory requirements. You need take no action unless you wish to comment on the proposed construction.

If you have any questions, please feel free to call Mr. Bill Thomas or myself at (904) 488-1344.

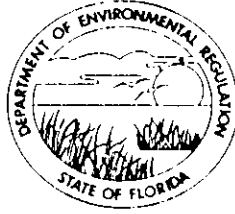
Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

CHF:caa

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

September 21, 1981

Mr. T. Michael Taimi, Chief
Consolidated Permits Branch
EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

RE: Preliminary Determination - Buckeye Cellulose Corporation,
Proposed Boiler Modification for Wood Fines Burning

Dear Mr. Taimi:

Enclosed for your review and comment are the Public Notice and Preliminary Determination for Buckeye Cellulose Corporation's proposed boiler modification, as referenced, at their facility near Perry, Taylor County, Florida. The public notice has appeared in a newspaper of local circulation, the Tallahassee Democrat, on September 19, 1981.

Please inform my office if you have comments on questions regarding this determination, at (904) 488-1344.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality Management

CHF:caa

cc: Johnny Cole

PUBLISHED DAILY
TALLAHASSEE — LEON — FLORIDA

STATE OF FLORIDA
COUNTY OF LEON:

Before the undersigned authority personally appeared Martha Walker who on oath says that she is Legal Control Clerk of The Tallahassee Democrat, a daily newspaper published at Tallahassee in Leon County, Florida; that the attached copy of advertising being a Legal Ad in the matter of

PUBLIC NOTICE

in the Court, was published in said newspaper in the issues of:

SEPTEMBER 19, 1981

Affiant further says that the said Tallahassee Democrat is a newspaper published at Tallahassee, in the said Leon County, Florida, and that the said newspaper has heretofore been continuously published in said Leon County, Florida, each day and has been entered as second class mail matter at the post office in Tallahassee, in said Leon County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this publication in the said newspaper.

Martha Walker
Martha Walker, Legal Control Clerk

Sworn To And Subscribed Before Me This

21 day of Sept
A.D. 19 81

Brenda L. Beal
(SEAL) Notary Public

Notary Public, State of Florida at Leon
My Commission Expires 12/31/82

Public Notice

The Florida Department of Regulation (FDER) has received an application from and intends to issue a construction permit to Buckeye Cellulose Corporation for the modification of a boiler to burn wood fines at the company's kraft pulp mill in Taylor County. The application requires Best Available Control Technology (BACT) as well as both State and Federal review for Prevention of Significant Deterioration (Chapter 403, Florida Statutes, and Federal Regulation, 40 CFR 52.21).

The modification will increase emissions of air pollutants by the following amounts, for a period of time not to exceed two years:

TSP	108 tons/yr
CO	23 tons/yr

Having reviewed the proposed modification, the FDER has made a preliminary determination that the construction can be approved provided that certain conditions will be met. A summary of the basis for this determination and the application for State and Federal permits submitted by Buckeye Cellulose Corp. are available for inspection at the following DER offices:

Bureau of Air Quality Management
Dept. of Environmental Regulation
2200 Blair Stone Road
Tallahassee, Florida 32301

St. Johns River Subdistrict
3426 Bills Road
Jacksonville, Florida 32207

Any person may submit written comments regarding the proposed modification. All comments, postmarked not later than 30 days from the date of this notice, will be considered in making a final determination regarding approval of construction of this source. These comments will be made available for public review on request. Furthermore, a public hearing can be requested by any person.

Such a request should be submitted within 15 days of the date of this notice. Letters should be addressed to:

Mr. C. H. Fancy
Department of Environmental Regulation
2200 Blair Stone Road
Tallahassee, Florida 32301

September 19, 1981 Ad No. 7521543

DRAFT

TO: Permit File AC 62-45987

THRU: Clair Fancy
Bill Thomas
Larry George

FROM: Carl Bock

DATE: August 21, 1981

SUBJ: Preliminary Rule Applicability - Buckeye Cellulose Corp., Taylor County

An application for Permit to Construct was submitted to the Bureau of Air Quality Management on July 29, 1981, by Buckeye Cellulose Corporation. The application is undergoing completeness review; day 30 is August 28, 1981.

The proposed project is a test program to: (1) evaluate the feasibility of recovering and recycling dried wood fines as a replacement for residual oil in existing power boilers; and (2) develop the information necessary to design a full-scale installation complete with acceptable environmental controls. The wood fines will be burned in the 250 million Btu/hr power boiler #2 at Buckeye's kraft pulp mill in Taylor County. The test program will not exceed two years in duration.

The Buckeye mill is in an area designated attainment for all criteria pollutants, and it is more than 50 km from any Particulate Matter (PM) or SO₂ nonattainment area. It is within 100 km of the St. Mark National Wilderness Class I area.

The potential and projected emissions for the proposed project are listed below.

<u>Pollutant</u>	<u>Potential Emission Rate (tons/year)</u>	<u>Potential Projected Emission Rate Increase (tons/year)</u>	<u>Applicant's Projected Emission Rate (tons/year)</u>
PM	2,408	2,383	1,324
SO ₂	1,496	-1,449	1,496
CO ²	62	25	62
VOC	62	-55	62
NO _x	302	-136	302

Since the proposed project is a change in the method of operation of an existing major emitting facility which would result in an increase in potential emissions of either PM or SO₂, it constitutes a modification subject to review under State prevention of significant deterioration (PSD) regulations (17-2.04(6), FAC). PSD review consists of a determination of best available control technology (BACT) for each pollutant (PM and SO₂) for which there would be an increase in concentration over the baseline and an air quality impact analysis to demonstrate that the project would not cause or contribute to a violation of any ambient air quality standard or PSD increment. For the proposed project, PSD review is required for PM only. The BACT determination for PM will take into account that the proposed project is a test program of limited duration.

Since power boiler #2 has a maximum heat input rate less than or equal to 250 million Btu/hr, the project is not subject to the adopted federal new source performance standards (NSPS) for fossil-fuel steam generators (17-2.21(2)(a), FAC).

TO: Permit File PSD-FL-085

THRU: Clair Fancy
Bill Thomas
Larry George

FROM: Carl Bock

DATE: August 14, 1981

SUBJ: Preliminary Rule Applicability - Buckeye Cellulose Corp., Taylor County

An application for a federal prevention of significant deterioration (PSD) permit was submitted to the Bureau of Air Quality Management on July 29, 1981, by Buckeye Cellulose Corp. The application is undergoing completeness review; day 30 is August 28, 1981.

The proposed project is a test program to: (1) evaluate the feasibility of recovering and recycling dried wood fines as a replacement for residual oil in existing power boilers; and (2) develop the information necessary to design a full-scale installation complete with acceptable environmental controls. The wood fines will be burned in the 250 million Btu/hr power boiler #2 at Buckeye's kraft pulp mill in Taylor County. The test program will not exceed two years in duration.

The Buckeye mill is in an area designated attainment under 40 CFR 81.310 for all criteria pollutants. It is more than 10 km from any Class I area but within 100 km of the St. Marks National Wilderness Class I area.

The projected net emissions increases and applicable significant emission rates for the proposed project are listed below. No contemporaneous decreases in actual emissions other than those decrease associated with the proposed project itself have been identified by the applicant.

<u>Regulated Pollutant</u>	<u>Applicant's Projected Emission Rate (tons/year)</u>	<u>Net Emissions Increase (tons/year)</u>	<u>Significant Emission Rate (tons/year)</u>
Particulate Matter (PM)	1,324	108	25
SO ₂	1,496	-1,449	40
CO	62	25	100
VOC	62	-55	40
NO _x	302	-136	40

Since the proposed project is a change in the method of operation of an existing major stationary source which would result in a significant net emissions increase of at least one regulated pollutant, it constitutes a major modification subject to review under federal PSD regulations (40 CFR 52.21(i)). PSD review consists of a determination of best available control technology (BACT) and, unless otherwise exempted, an air quality impact analysis for each attainment pollutant that would be emitted in a significant net amount. For the proposed project, PSD review is required for PM only. An air quality impact analysis is not required since the project duration will not exceed two years and the net increase in PM emissions will not have a significant impact (1 ug/m^3 , 24-hour average) on the St. Marks National Wilderness Class I area. The BACT determination for PM will take into account that the proposed project is a test program of limited duration.

Since power boiler #2 has a maximum heat input rate less than or equal to 250 million Btu/hr, the project is not subject to the federal new source performance standards (NSPS) for fossil-fuel steam generators (40 CFR 60.40, Subpart D).