

No. 0156540

RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO		Mr. H. D. Connell	
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 AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		8/9/84	

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

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. H. D. Connell  
P. O. Box 504  
Blountstown, FL 32424

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0156540	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE  Addressee  Authorized agent


*Janice P...*

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

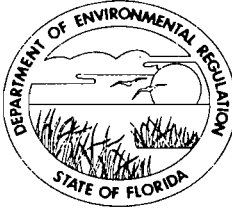
CLERK'S INITIALS



☆GPO : 1979-300-459

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

August 7, 1984

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. H. D. Connell, President  
Southeastern Fiberboard, Inc.  
Post Office Box 504  
Blountstown, Florida 32424

Dear Mr. Connell:

Enclosed is Permit Number AC 07-85852 dated August 7, 1984, to the Southeastern Fiberboard, Inc., issued pursuant to Section 403, Florida Statutes.

Acceptance of this permit constitutes notice and agreement that the department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

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

CHF/pa

Enclosure

cc: Jack Preece, DER Northwest District

Final Determination

Southeastern Fiberboard, Inc.  
Carbonaceous Fuel Fired Boiler

Calhoun County, Florida

Permit Number  
AC 07-85852

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

August 7, 1984

Final Determination

Southeastern Fiberboard, Inc.  
AC 07-85852

Southeastern Fiberboard's permit application for the construction of a 209 million Btu per hour heat input bark boiler at the company's existing site in Blountstown, Florida, has been reviewed by the Bureau of Air Quality Management. Public notice of the department's intent to issue was published in the County Record on June 28, 1984. Copies of the preliminary determination were available for public inspection at DER's Northwest District in Pensacola and the Bureau of Air Quality Management in Tallahassee.

There were no letters of response as a result of the public notice period.

The final action of the department will be to issue the permit (AC 07-85852) as noticed in the review process.

## I. Applicant and Source Location

### A. Applicant

Southeastern Fiberboard, Inc.  
P. O. Box 504  
Blountstown, Florida 32424

### B. Source Location

The proposed modification will occur at Southeastern Fiberboard's existing site located in Bountstown, Calhoun County, Florida. The UTM coordinates are 16-689.3 km east and 3367.3 km north.

## II. Project Description

The subject modification is for the construction of a 209 million Btu per hour heat input steam boiler.

Bark and waste wood will be the only fuel fired in the proposed No. 2 carbonaceous fuel fired boiler. No fossil fuel will be fired in the boiler. When the new boiler starts its commercial operation, the existing boiler (Permit No. AO 07-69651) at the site will be used as a back-up unit. The new boiler with all supporting facilities will generate electrical power. Part of the electrical power (3MW) will be used for running the plant and the rest of the power will be sold to a Florida utility.

## III. Air Emission

The major air pollutant from the bark boiler is particulate matter (PM), the company proposes to use a multiclone followed by a venturi scrubber for PM emission control. The stated efficiencies are 80% and 90% for the multiclone and venturi scrubber, respectively. The maximum PM emission from the new source will be 31 pounds per hour and 124 tons per year.

## IV. Rule Applicability

The proposed project is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code (FAC).

The new boiler will be a major source in a minor existing facility located in an attainment area for all the pollutants. According to Rule Section 17-2.500(2)(d), the facility will not belong to any of the facility categories listed in Table 500-1, Major Facility Categories. Therefore, the project is not subject to the provisions of Rule Section 17-2.500, Prevention of Significant Deterioration (PSD). The new boiler is subject to Rule Section 17-2.600(10)b, the emission limiting and performance

standards for new carbonaceous fuel burning equipment. The regulated PM emission limit is 0.2 pounds per million Btu of heat input of carbonaceous fuel, and the limit for visible emissions is 30% opacity.

#### V. Conclusion

Based on an evaluation of the application and additional information, the department believes that compliance with applicable state air pollution regulations will be achieved provided certain specific conditions are met.

The general and specific conditions are listed in the attached draft state permit (AC 07-85852).

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

PERMITTEE:  
Southeastern Fiberboard, Inc.  
P. O. Box 504  
Blountstown, Florida 32424

Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985  
County: Calhoun  
Latitude/Longitude: 30° 25' 30"N/  
85° 01' 45"W  
Project: 209 MMBtu/hr Bark/Wood  
Boiler

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the construction of a carbonaceous fuel, bark and waste wood, fired boiler with a heat input capacity of 209 million Btu per hour at Blountstown, in Calhoun County, Florida.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 6 and 7, specific conditions.

Attachments:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16), received on April 18, 1984.
2. Additional information from Perry Smith Co., received on May 2, 1984.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.



PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

**PERMITTEE:**  
Southeastern Fiberboard, Inc.

**I. D. Number:**  
**Permit Number:** AC 07-85852  
**Date of Issue:**  
**Expiration Date:** July 31, 1985

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The subject boiler is allowed to operate up to 24 hours per day, 7 days per week, 48 weeks per year, or 8,064 hours per year.
2. The boiler is only allowed to burn bark and waste wood. No fossil fuel shall be fired in the boiler.
3. The allowable heat input of the boiler is 209 million Btu per hour.

**PERMITTEE:**  
Southeastern Fiberboard, Inc.

**I. D. Number:**  
**Permit Number:** AC 07-85852  
**Date of Issue:**  
**Expiration Date:** July 31, 1985

**SPECIFIC CONDITIONS:**

4. The venturi scrubber and separator shall maintain proper pressure drops in order to keep high efficiency. The minimum pressure drops in the scrubber and the separator for compliance shall be determined in the compliance test. The operating permit shall address the minimum pressure drops as a specific condition. Continuous records of pressure drops shall be kept for state agency's inspection.
5. The allowable particulate emission limit from the boiler is 0.2 lb/MMBtu. EPA Method 5 shall be used for the compliance test conducted by the permittee.
6. The allowable visible emissions from the boiler are 30% opacity except that 40% opacity is permissible for not more than two minutes in any one hour. DER Method 9 (17-2.700(b)(a)9, FAC) shall be used for the compliance test conducted by the permittee.
7. The fugitive dust emissions from the bottom dry ash and multiclone dry ash handling areas shall be properly controlled. Opacity in these areas shall not exceed 5%.
8. Reasonable precautions to prevent fugitive particulate emissions during construction, such as coating or spraying roads and the construction site, shall be taken by the permittee.
9. The compliance tests shall be conducted within 10 percent of the maximum heat input of 209 MMBtu/hr.
10. A complete operation and maintenance plan shall be submitted to the Northwest District with the certificate of completion of construction as required by Rule 17-2.650(2)(g), FAC.
11. The permittee shall demonstrate compliance with the conditions of this construction permit and submit a complete application for an operating permit to the Northwest District prior to 90 days before the expiration date of this permit. The permittee may continue to operate in compliance with all terms of this construction permit until its expiration or until issuance of an operating permit.

PERMITTEE:

Southeastern Fiberboard, Inc.

Permit Number: AC 07-85852

Date of Issue:

Expiration Date: July 31, 1985

SPECIFIC CONDITIONS:

Issued this 7 day of Aug, 1984

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION


Terry Cole for  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_ pages attached.

State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

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

TO: Victoria J. Tschinkel  
FROM: Clair Fancy   
DATE: July 6, 1984  
SUBJ: Approval of Attached Air Construction Permit

Attached for your approval and signature is an Air Construction Permit for which the applicant is the Southeastern Fiberboard, Inc. The permit is for the construction of a bark boiler in Calhoun County, Florida.

Day 90, after which the permit would be issued by default, is September 3, 1984.

The Bureau recommends your approval and signature.

CF/pa

Attachment

Check Sheet

Company Name: Southeastern Fiberboard, Inc.  
Permit Number: AC 07-085852  
PSD Number: \_\_\_\_\_  
Permit Engineer: \_\_\_\_\_

**Application:**

- |   |                          |
|---|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References:        |
| <input type="checkbox"/> Incompleteness Letters         | <input type="checkbox"/> |
| <input type="checkbox"/> Responses                      | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action    | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response            |                          |
| <input type="checkbox"/> Other                          |                          |

**Intent:**

- Intent to Issue
  - Notice of Intent to Issue
  - Technical Evaluation
  - BACT or LAER Determination
  - Unsigned Permit
- Correspondence with:
- EPA
  - Park Services
  - Other
- Proof of Publication
  - Petitions - (Related to extensions, hearings, etc.)
  - Waiver of Department Action
  - Other

**Final**

**Determination:**

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other

In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. That folder can be found in one of the file drawers labeled Supplementary Documents Drawer. Folders in that drawer are arranged alphabetically, then by permit number.

**Folder Name:** Southeastern Fiberboard, Inc.

**Permit(s) Numbered:**

AC	07	-	085852
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Period during  
which document  
was received:

Detailed Description

Period during which document was received:		Detailed Description
APPLICATION 14 APRIL 1984	1.	17"×22" BLUEPRINT: FLOW SCHEMATIC (DRAWING NUMBER: SK-4019-1)



PS Form 3811, July 1983 447-845

DOMESTIC RETURN RECEIPT

**SENDER: Complete items 1, 2, 3 and 4.**  
 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. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1.  Show to whom, date and address of delivery.  
 2.  Restricted Delivery.

3. Article Addressed to:  
 Dan Farley  
 Farley-Jones and Associates  
 507 S. Woodward Avenue, Suite F  
 Tallahassee, FL 32304

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 408 531 178

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
 X *[Signature]*

6. Signature - Agent  
 X

7. Date of Delivery  
 4-30-87

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

P 408 531 178

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to	
Dan Farley	
Farley-Jones & Assoc. 507 S. Woodward Ave., Suite F	
P.O., State and ZIP Code Tallahassee, FL 32304	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
4/29/87	
AC 07-85852	

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY

April 29, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Dan Farley  
Farley-Jones and Associates  
507 S. Woodward Avenue, Suite F  
Tallahassee, Florida 32304

Dear Mr. Farley:

Re: Southeastern Fibreboard Inc.  
Carbonaceous Fuel Fired Boiler  
Permit No. AC 07-85852, Extension Request

The department has received your letter of January 27, 1987, requesting a 24 month extension of the above referenced permit.

In November of 1986 a Standard of Performance for New Stationary Sources (NSPS) including Industrial Steam Generating Units was promulgated. The new standards are applicable to new steam generating units with a heat input capacity greater than 100 MMBtu/hr.

As construction has not yet commenced on the above referenced project, it will have to comply with the NSPS. For this reason the extension you requested cannot be granted on the above construction permit.

The permittee does have the option to submit an application for a modification to the existing construction permit outlining changes in the above referenced project which would make it capable of complying with the new NSPS.

Mr. Dan Farley  
Page Two  
April 29, 1987

If you have any questions, please call Pradeep Raval at  
(904)488-1344 or write to me at the above address.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. H. Fancy', enclosed within a hand-drawn rectangular box.

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

CHF/PR/s

cc: H. D. Connell  
J. Preece

FARLEY-JONES AND ASSOCIATES  
HYDROGEOLOGY • ENVIRONMENTAL STUDIES • PERMITTING

January 27, 1987

Mr. Clair Fancy  
Department of Environmental  
Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, Florida 32399

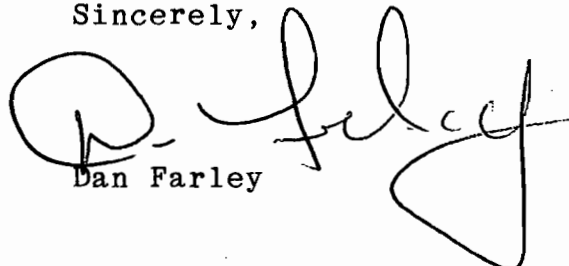
DER  
JAN 29 1987  
BAQM

Dear Clair:

RE: Southeastern Fiberboard, Inc.  
Permit No. AC07-85852  
Carbonaceous Fuel Fired Boiler

The construction of the referenced boiler remains economically unfeasible at this time. However, we are still very much interested in pursuing the construction of the boiler and, therefore, request a 24-month extension of the referenced construction permit.

Sincerely,

  
Dan Farley

Bill T  
Please handle  
1/30  
Clair

P 408 530 295

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
Mr. H. D. Connell	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
7/30/85	

PS Form 3800, Feb. 1982

PS Form 3811, July 1983

**SENDER: Complete items 1, 2, 3 and 4.**

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. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1.  Show to whom, date and address of delivery.

2.  Restricted Delivery.

3. Article Addressed to:  
Mr. H. D. Connell  
Southeastern Fiberboard, Inc.  
Post Office Box 504  
Blountstown, FL 32424

4. Type of Service:      Article Number

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured	P 408 530 295
<input checked="" type="checkbox"/> Certified	<input type="checkbox"/> COD	
<input type="checkbox"/> Express Mail		

Always obtain signature of addressee or agent and **DATE DELIVERED.**

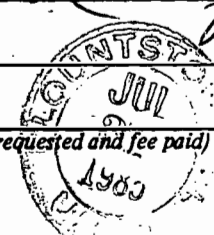
5. Signature - Addressee  
X *[Signature]*

6. Signature - Agent  
X

7. Date of Delivery

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

DOMESTIC RETURN RECEIPT



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 25, 1985

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. H. D. Connell, President  
Southeastern Fiberboard, Incorporated  
Post Office Box 504  
Blountstown, Florida 32424

Dear Mr. Connell:

Re: Extension of Permit No. AC 07-85852  
Carbonaceous Fuel Fired Boiler

The department has received your letter dated June 24, 1985, requesting an extension of 24 months for the above referenced permit.

The department is in agreement with your request. However, the following time frame for the extension has been considered appropriate.

In line with federal guidelines, that construction commence within 18 months of the date of issue of a construction permit, the department will grant an additional 6 months (beyond the 12 month validity of the above referenced permit), to commence construction, and a further 12 months to complete construction, show compliance with permit conditions, and submit a complete application for an operating permit.

The following change and addition should be incorporated in the permit.

Expiration Date Change:

From: July 31, 1985  
To: January 31, 1987

Attachment to be Added:

No. 3 Letter from Southeastern Fiberboard dated June 24, 1985.

Mr. H. D. Connell  
Page Two  
July 25, 1985

The modified permit does not exempt the facility from complying with applicable air standards and regulations as of the date of commencement of construction of your facility in Clay county, unless otherwise mentioned in the conditions of the construction permit.

This letter must be attached to your construction permit and shall be made part of the permit.

Sincerely,



Victoria J. Tschinkel  
Secretary

VJT/ks

cc: Dan Farley  
Jack Preece

State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

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

TO: Victoria J. Tschinkel  
FROM: Clair Fancy *Clair Fancy*  
DATE: July 25, 1985  
SUBJ: Request to Modify Permit No. AC 07-85852  
Southeastern Fiberboard, Inc.

Attached for your signature is a letter extending the expiration date of permit No. AC 07-85852 to Southeastern Fiberboard, Inc. The Bureau of Air Quality Management recommends that the modification be approved.

CHF/pa

Attachment

DER

JUL 29 1985

BAQM

RECEIVED  
JUL 29 1985

Office of the Secretary



# SOUTHEASTERN FIBERBOARD, INC.

P.O. BOX 504 • BLOUNTSTOWN, FLORIDA 32424

June 24, 1985

6/26  
Bill please make  
Clair

DER  
JUN 25 1985  
BAQM

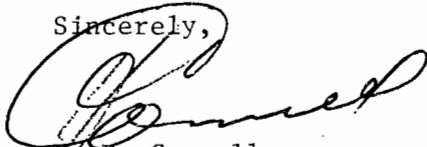
Mr. Clair Fancy  
Deputy Chief  
Bureau of Air Quality  
Management  
Department of Environmental  
Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32301

Dear Mr. Fancy:

RE: Air Permit # AC07-85852

Until recently interest rates have been such that the construction of the boiler under the referenced permit has not been feasible. We are in the process of finalizing a proposal involving Southeastern Fiberboard and the Southern Company (Parent Company of Gulf Power and other Power Corps) to provide financing and construction of the power boiler. Therefore, we are requesting a 24 month extension of the referenced construction permit.

Sincerely,



H. D. Connell  
President

HDC/keb

# SOUTHEASTERN FIBERBOARD, INC.

P.O. BOX 504 • BLOUNTSTOWN, FLORIDA 32424

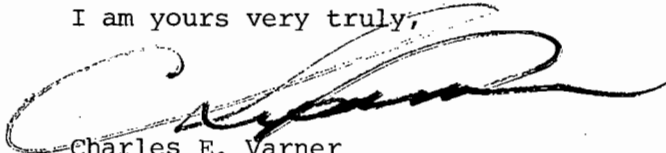
July 2, 1984

Mr. C.H. Farney, P.E.,  
Deputy Chief  
Bureau of Air Quality Management  
Dept. of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32301-8241

Dear Mr. Farney:

In reply of your letter of June 7, 1984 concerning our permit, copy of your letter which is attached. I am also attaching a copy of the public notice which was run in the County Record, the local newspaper of Calhoun County. We are grateful for the expeditious manner in which you have handled this.

I am yours very truly,



Charles E. Varner  
Chairman of Board

Enclosures - 2

CEV/tlr

## Legal Notice

### NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Regulation gives notice of its intent to issue a permit to Southeastern Fiberboard, Inc. for the construction of a bark and waste wood fired boiler at the company's existing facility in Blountstown, Calhoun County, Florida. A determination of best available control technology (BACT) was not required.

A person who is substantially affected by the department's proposed permitted decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the department of 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation and department intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

DER Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32301

DER Northwest District  
160 Governmental Center  
Pensacola, Florida 32501

Comments on this action shall be submitted in writing to Bill Thomas of the Tallahassee office within thirty (30) days of this notice.

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

**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. H. D. Connell  
 Post Office Box 504  
 Blountstown, FL 32424

3. ARTICLE DESCRIPTION:  
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.  
 | 0156517 | |  
 (Always obtain signature of addressee or agent)

I have received the article described above.  
 SIGNATURE  Addressee  Authorized agent  
*[Signature]*

4. DATE OF DELIVERY \_\_\_\_\_ POSTMARK  
 BLOUNTSTOWN, FL  
 JUN 14 1984  
 U.S. CLERK'S INITIALS

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: \_\_\_\_\_

☆EPO: 1979-300-459

PS Form 3800, Apr. 1976

No. 0156517  
 RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO		Mr. H. D. Connell
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 AND DATE DELIVERED	¢
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		6/14/84

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

June 7, 1984

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. H. D. Connell, President  
Southeastern Fiberboard, Inc.  
Post Office Box 504  
Blountstown, Florida 32424

Dear Mr. Connell:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permit for the construction of a new carbonaceous fuel fired boiler at your facility in Blountstown, Calhoun County, Florida.

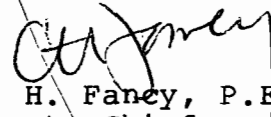
Before final action can be taken on your proposed permit, you are required by Florida Administrative Code Rule 17-1.62(3) to publish the attached Notice of Proposed Agency Action in the legal advertising section of a newspaper of general circulation in Calhoun County no later than fourteen days after receipt of this letter. The department must be provided with proof of publication within seven days of the date the notice is published. Failure to publish the notice may be grounds for denial of the permit.

The Preliminary Determination and draft permit constitutes a proposed action of the department and is subject to administrative hearing under the provisions of Chapter 120, Florida Statutes, if requested within fourteen days from receipt of this letter. Any petition for hearing must comply with the requirements of Florida Administrative Code Rule 28-5.201 and be filed with the Office of General Counsel, Florida Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to file a request for hearing within fourteen days shall constitute a waiver of your right to a hearing. Filing is deemed complete upon receipt by the Office of General Counsel.

Mr. H. D. Connell  
Page Two  
June 7, 1984

Please submit, in writing, any comments which you wish to have considered concerning the department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,



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

CHF/BK/pa

Attachments

cc: William A. Tomb, P.E., Perry Smith Company, Inc.  
Jack Preece, DER Northwest District

Preliminary Determination  
and  
Technical Evaluation

Southeastern Fiberboard, Inc.  
Carbonaceous Fuel Fired Boiler

Calhoun County, Florida

Permit Number  
AC 07-85852

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

June 7, 1984

## NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Regulation gives notice of its intent to issue a permit to Southeastern Fiberboard, Inc. for the construction of a bark and waste wood fired boiler at the company's existing facility in Blountstown, Calhoun County, Florida. A determination of best available control technology (BACT) was not required.

A person who is substantially affected by the department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation and department intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

DER Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32301

DER Northwest District  
160 Governmental Center  
Pensacola, Florida 32501

Comments on this action shall be submitted in writing to Bill Thomas of the Tallahassee office within thirty (30) days of this notice.



RULES OF THE ADMINISTRATIVE COMMISSION  
MODEL RULES OF PROCEDURE  
CHAPTER 28-5  
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
  - (a) The name and address of each agency affected and each agency's file or identification number, if known;
  - (b) The name and address of the petitioner or petitioners;
  - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
  - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
  - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
  - (f) A demand for the relief to which the petitioner deems himself entitled; and
  - (g) Such other information which the petitioner contends is material.

## I. Applicant and Source Location

### A. Applicant

Southeastern Fiberboard, Inc.  
P. O. Box 504  
Blountstown, Florida 32424

### B. Source Location

The proposed modification will occur at Southeastern Fiberboard's existing site located in Bountstown, Calhoun County, Florida. The UTM coordinates are 16-689.3 km east and 3367.3 km north.

## II. Project Description

The subject modification is for the construction of a 209 million Btu per hour heat input steam boiler.

Bark and waste wood will be the only fuel fired in the proposed No. 2 carbonaceous fuel fired boiler. No fossil fuel will be fired in the boiler. When the new boiler starts its commercial operation, the existing boiler (Permit No. AO 07-69651) at the site will be used as a back-up unit. The new boiler with all supporting facilities will generate electrical power. Part of the electrical power (3MW) will be used for running the plant and the rest of the power will be sold to a Florida utility.

## III. Air Emission

The major air pollutant from the bark boiler is particulate matter (PM), the company proposes to use a multiclone followed by a venturi scrubber for PM emission control. The stated efficiencies are 80% and 90% for the multiclone and venturi scrubber, respectively. The maximum PM emission from the new source will be 31 pounds per hour and 124 tons per year.

## IV. Rule Applicability

The proposed project is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code (FAC).

The new boiler will be a major source in a minor existing facility located in an attainment area for all the pollutants. According to Rule Section 17-2.500(2)(d), the facility will not belong to any of the facility categories listed in Table 500-1, Major Facility Categories. Therefore, the project is not subject to the provisions of Rule Section 17-2.500, Prevention of Significant Deterioration (PSD). The new boiler is subject to Rule Section 17-2.600(10)b, the emission limiting and performance

standards for new carbonaceous fuel burning equipment. The regulated PM emission limit is 0.2 pounds per million Btu of heat input of carbonaceous fuel, and the limit for visible emissions is 30% opacity.

#### V. Conclusion

Based on an evaluation of the application and additional information, the department believes that compliance with applicable state air pollution regulations will be achieved provided certain specific conditions are met.

The general and specific conditions are listed in the attached draft state permit (AC 07-85852).

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

PERMITTEE:  
Southeastern Fiberboard, Inc.  
P. O. Box 504  
Blountstown, Florida 32424

Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985  
County: Calhoun  
Latitude/Longitude: 30° 25' 30"N/  
85° 01' 45"W  
Project: 209 MMBtu/hr Bark/Wood  
Boiler

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the construction of a carbonaceous fuel, bark and waste wood, fired boiler with a heat input capacity of 209 million Btu per hour at Blountstown, in Calhoun County, Florida.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 6 and 7, specific conditions.

Attachments:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16), received on April 18, 1984.
2. Additional information from Perry Smith Co., received on May 2, 1984.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number:AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Southeastern Fiberboard, Inc.

I. D. Number:  
Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

- 1. The subject boiler is allowed to operate up to 24 hours per day, 7 days per week, 48 weeks per year, or 8,064 hours per year.
- 2. The boiler is only allowed to burn bark and waste wood. No fossil fuel shall be fired in the boiler.
- 3. The allowable heat input of the boiler is 209 million Btu per hour.



PERMITTEE: Southeastern Fiberboard, Inc. I. D. Number: Permit Number: AC 07-85852  
Date of Issue:  
Expiration Date: July 31, 1985

**SPECIFIC CONDITIONS:**

4. The venturi scrubber and separator shall maintain proper pressure drops in order to keep high efficiency. The minimum pressure drops in the scrubber and the separator for compliance shall be determined in the compliance test. The operating permit shall address the minimum pressure drops as a specific condition. Continuous records of pressure drops shall be kept for state agency's inspection.
5. The allowable particulate emission limit from the boiler is 0.2 lb/MMBtu. EPA Method 5 shall be used for the compliance test conducted by the permittee.
6. The allowable visible emissions from the boiler are 30% opacity except that 40% opacity is permissible for not more than two minutes in any one hour. DER Method 9 (17-2.700(b)(a)9, FAC) shall be used for the compliance test conducted by the permittee.
7. The fugitive dust emissions from the bottom dry ash and multicclone dry ash handling areas shall be properly controlled. Opacity in these areas shall not exceed 5%.
8. Reasonable precautions to prevent fugitive particulate emissions during construction, such as coating or spraying roads and the construction site, shall be taken by the permittee.
9. The compliance tests shall be conducted within 10 percent of the maximum heat input of 209 MMBtu/hr.
10. A complete operation and maintenance plan shall be submitted to the Northwest District with the certificate of completion of construction as required by Rule 17-2.650(2)(g), FAC.
11. The permittee shall demonstrate compliance with the conditions of this construction permit and submit a complete application for an operating permit to the Northwest District prior to 90 days before the expiration date of this permit. The permittee may continue to operate in compliance with all terms of this construction permit until its expiration or until issuance of an operating permit.

PERMITTEE:

Southeastern Fiberboard, Inc.

Permit Number: AC 07-85852

Date of Issue:

Expiration Date: July 31, 1985

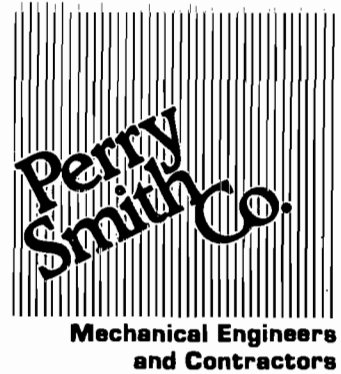
SPECIFIC CONDITIONS:

Issued this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_\_ pages attached.



May 1, 1984

Bureau of Air Quality Management, DER  
Suite 100, Montgomery Building  
2562 Executive Center  
Circle East  
Tallahassee, Florida 32301

Attn: Mr. Bob King

RE: Application to Construct  
Air Pollution Source  
Southeastern Fiberboard, Inc.  
Blountstown, Florida

DER  
MAY 02 1984  
BAQM

Gentlemen:

We are writing to confirm our telephone conversations of today regarding the control of fugitive dusts at Removal Points No. 2 and No. 3 shown on our Drawing No. SK-4019-1. Many similar units have been constructed by Perry Smith Company, Inc., and control of these dusts has never presented a problem. Considerations to be taken are as follows:

A. Point No. 2, Stoker Sifting Hopper(s):

One or more hopper discharge points shall be provided underneath the Hoffman stoker to dispose of siftings through the stoker grate bars. The best method to handle/convey this dry ash will be with screw conveyors dumping into a tote box or similar container for pick-up by trucks for delivery to landfill. The hopper discharge point(s) will have a dust tight connection onto covered screw conveyors. Some dust is generated at the conveyor discharge point; however, controlled water sprays will be utilized to eliminate the dust. Water necessary only for dust control will be utilized without excessive amounts that would possibly cause a run-off problem.

B. Point No. 2, Front Ash Discharge Hopper

The boiler/stoker is provided with a refractory lined discharge hopper at the boiler front to collect ashes discharged from the pulsating grate. This hopper is provided with dust tight doors which are opened only when accumulated ash is to be removed. One method of ash removal from the hoppers is to rake it into a wheelbarrow or similar conveyance. In this case the ash within the front hopper can be sprayed with water prior to removal. Another method of removal would be for the ash to discharge into a covered drag conveyor which would discharge into a tote box as described in

May 1, 1984

Page 2

Item A and dust controlled by a similar water spray. Since the boiler is under a negative pressure, much of the dust is also sucked back into the furnace when cleaning the hopper.

C. Point No. 3, Multiclone Ash Removal

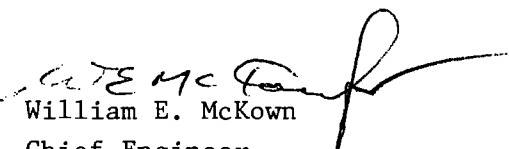
Ash from the dry multiclone is discharged through a rotary valve and could be handled exactly as described in Item A. Another alternative would be to extend the rotary valve discharge pipe closer to grade level and discharge directly into a tote box without the use of a screw conveyor; however, water sprays would still be utilized.

Based upon our previous experience with wood fired boilers, there is no question as to our being able to control the fugitive dust. Opacity in these areas shall not exceed 5%.

We trust that the above will satisfy your questions and allow the application to be approved this week.

Very truly yours,

PERRY SMITH COMPANY, INC.

  
William E. McKown  
Chief Engineer

WEM/ss

cc: Mr. Gary McIntosh, Southeastern Fiberboard, Inc.

# *William M. Bishop*

*Consulting Engineers, Inc.*

April 17, 1984

TELEPHONE (904) 222-0334

P.O. BOX 3407

715 NORTH CALHOUN STREET  
TALLAHASSEE, FLORIDA 32303

RECEIVED

APR 18 1984

NORTHWEST FLORIDA  
DER

Florida Department of Environmental  
Regulation  
160 Governmental Center  
Pensacola, Florida 32501

Attention: Air Pollution Section

Re: Southeastern Fiberboard, Inc. - New Boiler  
WMBCE Job No. 8036

Dear Sir:

Enclosed are four (4) copies of the Application to Construct Air Pollution Sources for a new boiler at Southeastern Fiberboard, Inc. in Blountstown. A \$1,000 fee is also enclosed.

The firm of William M. Bishop has been retained to assist Southeastern Fiberboard, Inc. and their contractors in obtaining the permits necessary for the construction of the new wood-fired boiler. The Engineer of record on the enclosed air pollution permit is an employee of the Perry Smith Company, Inc. of Chattanooga, Tennessee. The Perry Smith Company, Inc. is the contractor who will erect the boiler.

Upon completion of the new boiler, the existing boiler (Permit No. A007-69651) will be moth balled. It will act as a back-up unit during down times on the new boiler. When a new operating schedule for this boiler can be determined, it will be forwarded to your office.

If you have any questions or desire further information, please contact us at once.

Sincerely,

WILLIAM M. BISHOP CONSULTING ENGINEERS, INC.

  
William P. Adams, P.E.

WPA/mmc

Enclosures

**SOUTHEASTERN FIBERBOARD, INC.**

PH 904-674-5421  
1400 COASTAL STREET  
BLOUNTSTOWN, FL 32424

BARNETT BANK  
Tallahassee, FL 32301  
63-568  
631

CHECK No. 01577

PAY  
TO THE  
ORDER OF

**SUM OF \$ 1000.00**

DATE  
4-13-84

AMOUNT  
\$1,000.00

Florida Dept. of Environmental Regulations

  
AUTHORIZED SIGNATURE

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

**Nº 76025**

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Southeastern Fiberboard Inc. Date April 20, 1984

Address 1400 Coastal Street Blountstown, FL 32439 Dollars \$ 1,000.00

Applicant Name & Address Same as above

Source of Revenue \_\_\_\_\_

Revenue Code 001001 Application Number AC 07-85852

By Patricia H. Adams

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP		ACTION NO	
		ACTION DUE DATE	
1. TO: (NAME, OFFICE, LOCATION)		Initial	
<i>BAQM - Central Air Permitting</i>	<i>601</i>	Date	
2.		Initial	
	<b>DER</b>	Date	
3.		Initial	
	<b>APR 20 1984</b>	Date	
4.		Initial	
	<b>BAQM</b>	Date	

REMARKS:

*Jack Breece said this App. is a Major Attainment Area and should be transferred to Gallahasssee for processing.*

*Thanks,  
Evelyn*

*\$1,000.<sup>00</sup> check attached!*

*N.W. - Pensacola*

FROM:

*Evelyn Luecht*

INFORMATION

Review & Return  
Review & File  
Initial & Forward

DISPOSITION

Review & Respond  
Prepare Response  
For My Signature  
For Your Signature  
Let's Discuss  
Set Up Meeting  
Investigate & Report  
Initial & Forward  
Distribute  
Concurrence  
 For Processing  
Initial & Return

DATE

*4/19/84*

PHONE

**PAID**  
\$1,000.00  
APR 18 1984



DER

AC07-85852

APR 20 1984

BAQM

RECEIVED

APR 18 1984

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION TO OPERATE/CONSTRUCT  
AIR POLLUTION SOURCES

NORTHWEST FLORIDA  
DER

SOURCE TYPE: Carbonaceous Fuel Fired Boiler  New<sup>1</sup>  Existing<sup>1</sup>

APPLICATION TYPE:  Construction  Operation  Modification

COMPANY NAME: Southeastern Fiberboard, Inc. COUNTY: Calhoun

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) No. 2 Carbonaceous fuel fired boiler with wet venturi scrubber

SOURCE LOCATION: Street 1400 Coastal Street City Blountstown

UTM: East \_\_\_\_\_ North \_\_\_\_\_

Latitude 30 ° 25 ' 30 "N Longitude 85 ° 01 ' 45 "W

APPLICANT NAME AND TITLE: H. D. Connell, President - Southeastern Fiberboard, Inc.

APPLICANT ADDRESS: P. O. Box 504, Blountstown, Florida 32424

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of Southeastern Fiberboard, Inc.

I certify that the statements made in this application for a Air Pollution Source Construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed: [Signature]

H. D. Connell, President

Name and Title (Please Type)

Date: \_\_\_\_\_ Telephone No. 904-674-5421

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed: [Signature]

William A. Tomb

Name (Please Type)

Perry Smith Company, Inc.

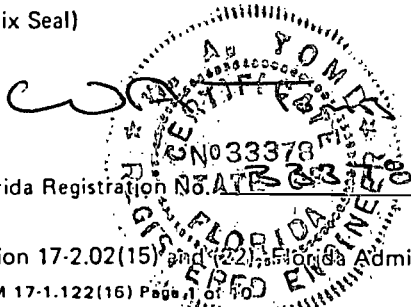
Company Name (Please Type)

2015 W. Polymer Drive Chatt., TN 37421

Mailing Address (Please Type)

Date: 4-09-84 Telephone No. 615-892-7130

(Affix Seal)



<sup>1</sup>See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)



**SECTION II: GENERAL PROJECT INFORMATION**

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

See Attached Sheet

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction May, 1984 Completion of Construction Dec., 1984

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Multiclone Dry Ash Collector	\$35,000
Wet Venturi Scrubber & Separator	\$55,000
Overfire Air System	\$12,000

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

	Issuance	Expiration
* Operation Permit No. A007-69651	July 29, 1983	June 1, 1988
* Operation Permit No. A007-69652	July 29, 1983	June 1, 1988
* Operation Permit No. A007-69653	July 29, 1983	June 1, 1988

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code?  Yes  No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 48 ; if power plant, hrs/yr 8,064 ; if seasonal, describe: \_\_\_\_\_

G. If this is a new source or major modification, answer the following questions. (Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? No
  - a. If yes, has "offset" been applied? ---
  - b. If yes, has "Lowest Achievable Emission Rate" been applied? ---
  - c. If yes, list non-attainment pollutants. \_\_\_\_\_
2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. No
3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII. No
4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? No
5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

\* Issued for existing equipment and do not apply to the emission point for the No. 2 Carbonaceous Fuel Fired Boiler

## SECTION II: GENERAL PROJECT INFORMATION

- A. The project consists of the installation of a waste carbonaceous fuel fired boiler, 130,000 pounds of steam per hour, with all supporting facilities designed to generate electrical power for sale to a Florida Utility. Particulate pollution control equipment will consist of a dry multiclone dust collector, wet venturi scrubber and vertical separator. The induced draft fan will produce the necessary static for the required pressure drop encountered in the flue gas train. Opacity will be controlled by the installation of an overfire air system on the boiler plus a completely automatic combustion control system with fuel/air ratio control. Design of the project, along with proper operation, will result in full compliance with the requirements of the State of Florida Department of Environmental Regulations as regards particulate emissions and visible emissions (opacity).

**SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)**

**A. Raw Materials and Chemicals Used in your Process, if applicable:**

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
	See Section III, E. Fuels			

**B. Process Rate, if applicable: (See Section V, Item 1)**

1. Total Process Input Rate (lbs/hr): See Section III, E. Fuels

2. Product Weight (lbs/hr): See Section III, E. Fuels

**C. Airborne Contaminants Emitted:**

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission <sup>2</sup> Rate per Ch. 17-2, F.A.C.	Allowable <sup>3</sup> Emission lbs/hr	Potential Emission <sup>4</sup>		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Particulate (fly ash)	30.67	123.66	0.2 Pounds/MM BTU Input. 17-2.600 (10) (b)	41.74	1,534	6,185	Point No. 4
Visible Emissions (Opacity)	N/A	N/A	Number 1.5 Ringelmann 17-2.600 (10) (b)	N/A	N/A	N/A	Point No. 4

**D. Control Devices: (See Section V, Item 4)**

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles <sup>5</sup> Size Collected (in microns)	Basis for Efficiency (Sec. V, It <sup>5</sup> )
Barron "Multiclone" Model BASE III 9K16.5 - 1508 ST, or equal	Particulate	80%	N/A	See Attached Calculation Sheets
Perry Smith Company Model 130M Venturi Scrubber & Vertical Separator	Particulate	90%		

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3)

<sup>5</sup>If Applicable

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Bark & Waste Wood Mix	39,882 Lbs/Hr	39,882 Lbs/Hr.	208.70

\*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

Percent Sulfur: 0.00 Percent Ash: 0.36  
 Density: 20-25 Lbs./C.F. lbs/gal Typical Percent Nitrogen: 0.00  
 Heat Capacity: 5,233 BTU/lb   BTU/gal  
 Other Fuel Contaminants (which may cause air pollution): None

F. If applicable, indicate the percent of fuel used for space heating. Annual Average N/A Maximum  

G. Indicate liquid or solid wastes generated and method of disposal.

Dry solid wastes (ash) will be removed from the stoker at the boiler front and undergrate siftings hopper and also from the "Multiclone" thru rotary seal valves and disposed of in landfill. Semi-wet waste will be removed from scrubber circulating ponds and disposed of in landfill.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 85'-0" (Above Grade) ft. Stack Diameter: 7'-6" ft.  
 Gas Flow Rate: 74,224 ACFM Gas Exit Temperature: 151 °F.  
 Water Vapor Content: 17.4% (By Weight) % Velocity: 28.0 FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste  

Total Weight Incinerated (lbs/hr)   Design Capacity (lbs/hr)  

Approximate Number of Hours of Operation per day   days/week  

Manufacturer  

Date Constructed   Model No.

SOUTHEASTERN FIBERBOARD, INC.  
BLOUNTSTOWN, FLORIDA

Calculations for Application to Construct  
Air Pollution Source

Boiler: Bigelow Size KVS-3241  
Capacity: 130,000 Lbs./Hr., 675 PSIG, 825° FTT

Fuel Analysis:	Percent by Weight
Ash	0.36
Sulfur	0.00
Hydrogen	3.55
Carbon	27.90
Nitrogen	0.00
Oxygen	18.19
Water	50.00

BTU Value/Pound (As Fired): 5,233  
Pounds of Fuel Burned/Hour: 39,882  
Heat Input Per Hour: 208.70 MM BTU's

Allowable Particulate Emissions per DER 17-2.600(10)(b) 2.b. or  
17-2.650(2)(c)3.b(i) = 0.2 pounds/MM BTU Heat Input

$$0.2 \times 208.70 = 41.74 \text{ Pounds/Hour}$$

Mass Flue Gas Flow = 255,731 Lbs./Hr @ 50% excess air

Flue Gas Volume = 59,611 SCFM

Estimated Particulate Loading at boiler exit = 3 Grains/SCF

$$59,611 \times 3 = 178,833 \text{ Grains/Minute}$$

$$178,833 \div 7,000 = 25.55 \text{ Pounds/Minute}$$

$$25.55 \times 60 = 1,534 \text{ Pounds/Hour}$$

PARTICULATE CONTROL EQUIPMENT

I. Barron "Multiclone", Model BASE III 9K16.5 - 1508 ST.

Performance Data:

91,072 ACFM @ 350°F with 2.50" w.g. ΔP

Collection efficiency based on manufacturer's calculations and data obtained from prior installations > 80%

Particulate Loading Entering "Multiclone" = 1,534 Pounds/Hour

Particulate Loading at exit of collector @80% efficiency  
= 20% x 1,534 = 306.8 Pounds/Hour

2. Perry Smith Company Model 130M wet venturi scrubber with vertical moisture separator.

Performance Data:

91,072 ACFM @ 350°F with 6" w.g. ΔP in venturi and 2" w.g. ΔP in separator.

Water scrubbing rate = 800 - 900 GPM

Water evaporation rate = ~30 GPM

Collection efficiency based on data obtained from prior installations > 90%

Particulate Loading entering venturi scrubber  
= 306.8 pounds/hour

Particulate emissions at stack exit @90% efficiency  
= 10% x 306.8 = 30.67 pounds/hour

30.67 Lbs./Hr < 41.74 Lbs./Hr. allowed

Tons emitted per year based on 8,064 hours operation = 123.66

Test method to prove conformance with Florida Air Pollution Control Requirements to be per EPA Test Method 5.

Allowable Visible Emissions per DER 17-2.600(10)(b) 2.a or 17-2.650(2)(c) 3.b(ii) to be no greater than number 1.5 on the Ringelmann Chart (30% Opacity).

The boiler is equipped with a completely automatic combustion control system with fuel/air ratio control. The boiler will also have an overfire air system creating turbulence in the furnace and further complete combustion of hydrocarbons and small particles of suspended fuels. The combination of these items assures that the visible emissions will meet the Florida Air Pollution Control Requirements.

Test method to prove conformance with Florida Air Pollution Control Requirements to be per DER Method 9 or EPA Method 9 (with exceptions).

## EMISSION STACK GEOMETRY & FLOW CHARACTERISTICS

Stack I.D. = 7'-6"  
Stack Area = 44.18 S.F.  
Height of Stack Above Grade = 85'-0"  
Height of Test Ports above Grade = 72'-0"  
Height of Test Platform above Grade = 67'-6"

Test Ports: 2-4" IPS w/MPT Connections, 90° apart

Test Platform: 126°

Platform Access: Ladder w/Saf-T-Climb w/3-Belts

Electrical Power: 2 - 120V, 20A outlets at platform.