

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

November 21, 1984

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Mitchell Larkins
Vice President, General Manager
Timber Energy Resources
P. O. Box 725
Highway 20
Bristol, Florida 32321

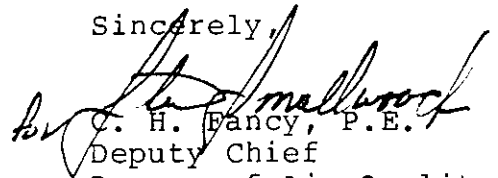
Dear Mr. Larkins:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permit to construct a carbonaceous fuel fired boiler at your existing facility in Telogia, Liberty County, Florida.

Before final action can be taken on your draft permit, you are required by Florida Administrative Code Rule 17-103.150 to publish the attached Notice of Proposed Agency Action in the legal advertising section of a newspaper of general circulation in Liberty 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.

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/WH/ks
Attachments

cc: William A. Tomb, Perry Smith Company, Inc.
Tom Moody, DER NW District

No. 0155778

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO
Mr. Mitchell Larkins
STREET AND NO.

P.O., STATE AND ZIP CODE

CONSULT POSTMASTER FOR FEES	POSTAGE	\$	
	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

11/20/84

PS Form 3800, Apr. 1976

PS Form 3811, Jan 1978

● 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. Mitchell Larkins
P. O. Box 725
Bristol, FL 32321

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0155778	

(Always obtain signature of addressee or agent.)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY
11-21-84

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS
AR

POSTMARK
NOV 21 1984
FL
U.S.

☆ GPO - 1979-300-439

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

Preliminary Determination
and
Technical Evaluation

Timber Energy Resources
Carbonaceous Fuel Fired Boiler

Liberty County, Florida

Permit Number
AC 39-090091

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

November 21, 1984

State of Florida
Department of Environmental Regulation
Notice of Proposed Agency Action
on Permit Application

The Department gives notice of its intent to issue a permit to Timber Energy Resources to construct a 230 million Btu per hour carbonaceous fuel, bark, and waste wood fired boiler at Timber Energy Resources' existing site on Highway 65 South in Telogia, Liberty County, Florida. A determination of Best Available Control Technology (BACT) was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and 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 any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this preliminary statement. Therefore, persons who may not object to the proposed agency action may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administrative, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida, 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation, and Department's intent for the proposed project 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:

Dept. of Environmental Regulation
NW District
160 Governmental Center
Pensacola, Florida 32501

Dept. of Environmental
Regulation
Bureau of Air Quality
Management
2600 Blair Stone Road
Tallahassee, Florida 32301

Any person may send written comments on the proposed action to Mr. Clair Fancy at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

I. Applicant and Source Location

A. Applicant

Timber Energy Resources
P. O. Box 725
Highway 20
Bristol, Florida 32321

B. Source Location

The proposed construction will occur at Timber Energy Resources' existing site located in Telogia, Liberty County, Florida. The UTM coordinates are: Zone 16, 709.4 km east and 3358.1 km north.

II. Project Description

The proposed project is for the construction of a carbonaceous fuel boiler with a maximum 230 million Btu per hour heat input. Bark and waste wood will be the only fuels fired in the boiler; no fossil fuel will be fired in the boiler. The existing grates, wood feeder system, forced draft fans and overfire air fan from an existing boiler that is being replaced will be retained and used with the proposed boiler. Particulate pollution control will be handled by a modified multiclone dust collector, a new venturi scrubber, and a vertical separator. A new induced draft fan will be added to produce the required pressure drop in the flue gas train.

III. Air Pollutant Emissions

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 percent and 90 percent for the multiclone and venturi scrubber, respectively. The maximum PM emission from the new source will be 46 pounds per hour and 193 tons per year. The boiler will also emit 242 TPY of nitrogen oxides and carbon monoxide. These pollutants will be controlled by good operation practices.

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 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 17-2.500, Prevention of Significant Deterioration (PSD). The new boiler is subject to Rule 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 pound per million Btu of heat input of carbonaceous fuel, and the limit for visible emissions is 30% opacity. However, this boiler may be required to comply with federal regulations Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. The proposed rule was published in the June 19, 1984, issue of the Federal Register.

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 39-090091).

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of an)
Application for Permit by:)
)
Timber Energy Resources) DER File No. AC 39-090091
Post Office Box 725)
Bristol, Florida 32321)
)

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its Intent to Issue, and proposed order of issuance for, a permit pursuant to Chapter 403, Florida Statutes, for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Timber Energy Resources, applied on July 16, 1984, to the Department of Environmental Regulation for a permit to construct a carbonaceous fuel fired boiler at its existing facility in Telogia, Liberty County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The applicant was officially notified by the Department that an air construction permit was required for the proposed work.

This intent to issue shall be placed before the Secretary for final action unless an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes, is filed within fourteen (14) days from receipt of this letter or

publication of the public notice (copy attached) required pursuant to Rule 17-103.150, Florida Administrative Code, whichever occurs first. The petition must comply with the requirements of Section 17-103.155 and Rule 28-5.201, Florida Administrative Code (copy attached) and be filed pursuant to Rule 17-103.155(1) in the Office of General Counsel of the Department of Environmental Regulation at 2600 Blair Stone Road, Tallahassee, Florida 32301.

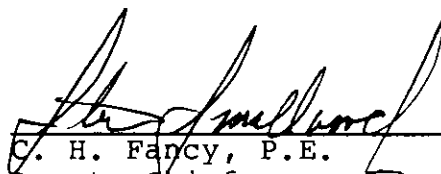
Petitions which are not filed in accordance with the above provisions are subject to dismissal by the Department. In the event a formal hearing is conducted pursuant to Section 120.57(1), all parties shall have opportunity to respond, to present evidence and argument on all issues involved, to conduct cross-examination of witness and submit rebuttal evidence, to submit proposed findings of facts and orders, to file exception to any order or hearing officer's recommended order, and to be represented by counsel. If an informal hearing is requested, the agency, in accordance with its rules of procedure, will provide affected persons or parties or their counsel an opportunity, at a convenient time and place, to present to the agency or hearing officer, written or oral evidence in opposition to the agency's action or refusal to act, or a written statement challenging the grounds upon which the agency has chosen to justify its action or inaction, pursuant to Section 120.57(2), Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition, may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of

Administrative Hearings, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahase, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statues.

Executed the 20th day of November, 1984, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

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

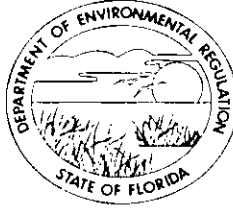
Copies furnished to:

Mr. Mitchell Larkins, Timber Energy Resources
Mr. William A. Tomb, Perry Smith Company, Inc.
Mr. Tom Moody DER NE District

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:
Timber Energy Resources
P. O. Box 725
Highway 20
Bristol, Florida 32321

Permit Number: AC 39-090091
Expiration Date: Sept. 30, 1985
County: Liberty
Latitude/Longitude: 30° 20' 17" N/
84° 49' 20" W
Project: 230 MMBtu/hr Bark/Wood
Boiler

This permit is issued under the provisions of Chapter(s) 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 drawing(s), 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 230 million Btu per hour at Telogia, in Liberty County, Florida.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, 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 July 20, 1984.
3. The letter from Mr. Mitchell Larkins, received on August 6, 1984.
4. The letter from Mr. Mitchell Larkins, received on November 13, 1984.

PERMITTEE:
Timber Energy Resources

I. D. Number:
Permit Number: AC 39-090091
Date of Issue:
Expiration Date: Sept. 30, 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:
Timber Energy Resources

I. D. Number:
Permit Number: AC 39-090091
Date of Issue:
Expiration Date: Sept. 30, 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:
Timber Energy Resources

I. D. Number:
Permit Number: AC 39-090091
Date of Issue:
Expiration Date: Sept. 30, 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:
Timber Energy Resources

Permit Number: AC 39-090091
Expiration Date: Sept. 30, 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 be operated up to 24 hours per day, 7 days per week, 50 weeks per year, or 8,400 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 maximum allowable heat input of the boiler is 230 million Btu per hour (MMBtu/hr).

PERMITTEE:
Timber Energy Resources

Permit Number: AC 39-090091
Expiration Date: Sept. 30, 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 0.20 lb/MMBtu. EPA Method 5 shall be used for the compliance test conducted by the permittee. The heat input may be determined by either an energy balance or the F factor.
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(6)(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 230 MMBtu/hr.
10. A complete operation and maintenance plan to minimize NO_x, CO, and VOC emissions 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:
Timber Energy Resources

Permit Number: AC 39-090091
Expiration Date: Sept. 30, 1985

SPECIFIC CONDITIONS:

Issued this ___ day of _____, 1983

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

___ pages attached.