

Florida Department of
Environmental Protection

Memorandum

TO: Trina Vielhauer
THRU: Scott Sheplak *ms*
FROM: Ed Svec *ES*
DATE: March 9, 2004
SUBJECT: Southern Gardens Citrus Processors, Inc.
New Pellet Mill and Simultaneous Operation of Four Boilers and Two Pellet
Coolers

Attached for approval and signature is the intent to issue an air construction permit to allow Southern Gardens Citrus Processors, Inc. to construct a new pellet mill and allow the simultaneous operation of all four boilers and both pellet coolers at its citrus juice processing plant located at 755 CR 883, Clewiston, Hendry County, Florida 33440. The emissions increase was limited to avoid PSD review.

I recommend your approval and signature.

March 9, 2004 is day 55 of the 90 day time clock.

Attachments

/es



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

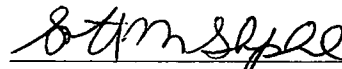
P.E. Certification Statement

Permittee:
Southern Gardens Citrus Processing Corp.

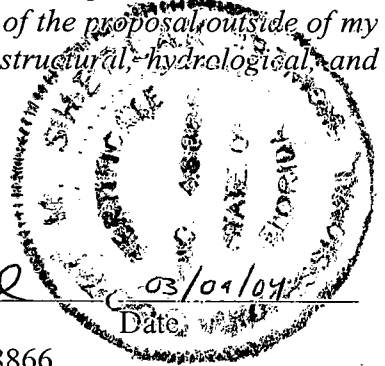
Permit No.: 0510015-014-AC

Project type: Air Construction Permit

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).



Scott M. Sheplak, P.E.
Registration Number: 48866



Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/921-9532
Fax: 850/922-6979

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Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

March 15, 2004

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Tristan Chapman
Vice President, General Manager
Southern Gardens Citrus Processing Corporation
Post Office Box 130
Clewiston, Florida 33440

Re: DEP File No. 0510015-014-AC
New Pellet Mill & Revised Pellet Cooler and Boiler Operations

Dear Mr. Chapman:

Enclosed is one copy of the draft air construction permit to Southern Gardens Citrus Processing Corporation to construct a new pellet mill and allow the simultaneous operation of all four boilers and both pellet coolers at its citrus juice processing plant located at 755 CR 883, Clewiston, Hendry County. The Technical Evaluation and Determination, the Department's Intent to Issue Air Construction Permit and the Public Notice of Intent to Issue Air Construction Permit are also included.

The Public Notice of Intent to Issue Air Construction Permit must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Edward J. Svec at 850/921-8985.

Sincerely,

Trina Vielhauer, Chief
Bureau of Air Regulation

TV/es
Enclosures

"More Protection, Less Process"

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In the Matter of an
Application for Permit by:

Tristan Chapman, Vice President, General Manager
Southern Gardens Citrus Processing Corporation
Post Office Box 130
Clewiston, Florida 33440

DEP File No. 0510015-014-AC
New Pellet Mill & Revised Pellet Cooler & Boiler Operation
Hendry County

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of draft permit attached) for the proposed project, detailed in the application specified above and the enclosed Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Southern Gardens Citrus Processing Corporation, applied on January 13, 2004, to the Department for an air construction permit for its existing citrus juice processing facility located at 833 CR 883, Clewiston, Hendry County. The application requested approval, as a non-PSD project, to construct a new pellet mill and simultaneously operate all four existing boilers and two pellet coolers. The proposed project is not subject to the requirements of Prevention of Significant Deterioration.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to perform the proposed work.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Construction Permit. The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C., requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax: 850/922-6979). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in Section 50.051, F.S. to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of Public Notice of Intent to Issue Air Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the

information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

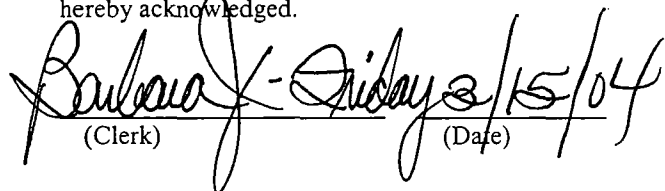
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Intent to Issue Air Construction Permit (including the Public Notice of Intent to Issue Air Construction Permit, Technical Evaluation and Preliminary Determination, and the Draft permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 01/15/04 to the person(s) listed:

Mr. Tristan Chapman, Southern Gardens Citrus Processing Corporation *
Mr. David Buff, P.E., Golder Associates
Mr. Ron Blackburn, DEP SD

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



(Clerk) 3/15/04 (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 0510015-014-AC

Southern Gardens Citrus Processing Corporation
Hendry County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Southern Gardens Citrus Processing Corporation for its existing citrus juice processing facility located at 755 CR 833, Clewiston, Hendry County. The applicant's mailing address is: Post Office Box 130, Clewiston, Florida 33440. The permit is to construct a new pellet mill and simultaneously operate all four existing boilers and two pellet coolers. The proposed project is not subject to the requirements of Prevention of Significant Deterioration.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F.S.), before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

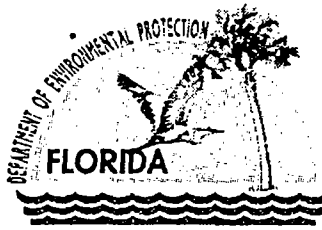
A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection
Bureau of Air Regulation
Suite 4, 111 S. Magnolia Drive
Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Dept. of Environmental Protection
South District
2295 Victoria Avenue, Suite 364W
Fort Myers, Florida 33901
Telephone: 239/332-6975

The complete project file includes the application, technical evaluation, draft permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Department's reviewing engineer for this project, Edward J. Svec, Engineer IV, at the Bureau of Air Regulation in Tallahassee, Florida, or call 850/488-0114, for additional information. Written comments directed to the Department's reviewing engineer should be sent to the following mailing address: Dept. of Environmental Protection, Bureau of Air Regulation, Mail Station #5505, Tallahassee, Florida, 32399-2400.

NOTICE TO BE PUBLISHED IN THE NEWSPAPER



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

PERMITTEE

Southern Gardens Citrus Processing Corporation
Post Office Box 130

Clewiston, Florida 33440

Permit No.	0510015-014-AC
Project	New Pellet Mill & Revised Pellet Cooler and Boiler Operations
SIC No.	2037
Expires:	^DRAFT

Authorized Representative:

Tristan Chapman, Vice President, General Manager

PROJECT AND LOCATION

This permit authorizes Southern Gardens Citrus Processing Corporation, to install a new pellet mill to the existing pellet cooler system and allows the simultaneous operation of both pellet coolers and all four existing boilers.

This facility is located at 755 CR 833, Clewiston, Hendry County. The UTM coordinates are: Zone 17; 447.5 km E and 2958.0 km N.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct the emissions units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendix is a part of this permit:

Appendix GC	General Permit Conditions
Table 297.310-1	Calibration Schedule (version dated 10/07/96)

DRAFT

Michael G. Cooke, Director
Division of Air Resource
Management

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AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The facility currently has a total of forty-one citrus juice extractors, one citrus feed mill with a backup peel dryer, two pellet mills with two pellet coolers, four steam boilers, and seven volatile organic liquid storage tanks. The facility is limited to a total fruit processing capacity of 20 million boxes of fruit per year by permit PSD-FL-299.

The applicant is proposing to install a new pellet mill, thereby bringing the total number of pellet mills to three, and to allow the simultaneous operation of all four boilers and both pellet coolers. Previous permits restricted the operation of the boilers to three operating at any time and only one pellet cooler operating at any time. Since these restrictions in operation were relied upon when issuing the air construction permits adding the fourth boiler and the second pellet, the source obligation provisions of Rule 62-212.400(2)(g), F.A.C. apply. Because the applicant did not request a PSD review, all allowable emissions increases must remain below the PSD significance level for all pollutants. In order to insure that this requirement is met, the total PM₁₀ emissions from both pellet coolers cannot exceed 29.5 tons per year because the PM₁₀ contribution from allowing Boiler No. 4 simultaneous operation with the other three boilers is 0.4 ton per year, bringing the total PM₁₀ increase to 14.9 tons per year for the entire project.

The emissions increases associated with this project were estimated as follows in tons per year. No offsetting emissions were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	14.9/14.9	25/15	No
SO ₂	14.4	40	No
NO _x	4.0	40	No
CO	1.0	100	No
VOC	0	40	No

¹ The net increase was estimated by the department using AP-42 emissions factors for boiler No. 4 and the emissions estimates provided by the applicant for the two pellet coolers. The additional pellet mill will not contribute any emissions to the estimate.

The facility information, project scope, emissions and rule applicability are described in detail in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

January 13, 2004	Received permit application (no application fee required)
January 13, 2004	Application complete
^DRAFT	Distributed Notice of Intent to Issue and supporting documents
^DRAFT	Notice of Intent published in ^DRAFT

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Permit application
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility addressed by this permit.

ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's South District office at 2295 Victoria Avenue, Suite 364W, Fort Myers, Florida 33901, and phone number 239/332-6975.
2. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S.; Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297, F.A.C.; and, the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Expiration: This air construction permit shall expire on ^DRAFT. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rules 62-210.300(1), 62-4.070(4), 62-4.080, and 62-4.210, F.A.C.]
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

results, and such additional information as the Department may by law require. The application shall be submitted to the Department's South District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

OPERATIONAL REQUIREMENTS

9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's South District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]
10. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for other emissions units. The following excess emissions provisions of state rule apply to this emissions unit (emissions unit 020) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted for emissions unit 020 providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period.
 - (b) Excess emissions resulting from malfunction of this emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
 - (c) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.

[Rules 62-210.700(1), (4) and (5), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

12. Determination of Process Variables: [Rule 62-297.310(5), F.A.C.]
 - (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
 - (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

REPORTING AND RECORD KEEPING REQUIREMENTS

13. Duration of Record Keeping: Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's South District office within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
15. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's South District office and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection A. This section addresses the following emissions units.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-009	Pellet Cooler No. 3
-020	Pellet Cooler No. 4

These Emissions Units consist of two pellet coolers with three pellet mills.

[Note: This emissions unit is subject to the requirements of the state rules as indicated in this permit. All PM is assumed to be PM₁₀.]

OPERATIONAL REQUIREMENTS

A.1. Permitted Capacity. The operating capacity for each pellet cooler is 46,000 lb/hr of citrus peel. [Rule 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Hours of Operation. Pellet Cooler No. 3 (E.U. -009) or Pellet Cooler No. 4 (E.U. -020) shall each operate no more than 6,000 total hours during any consecutive 12-month period. Pellet Cooler No. 3 (E.U. -009) and Pellet Cooler No. 4 (E.U. -020) combined operation shall not exceed 5,800 total hours during any consecutive 12-month period. [Rules 62-4.070(3), 62-210.200, and 62-212.400(2)(g), F.A.C.]

EMISSION LIMITING STANDARDS

A.3. General Visible Emissions Standard. Except for emissions units that are subject to the particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). The test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C. Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C. [Rules 62-296.320(4)(b)1 and 62-297, F.A.C. and Construction Permit 0510015-011-AC, issued May 24, 2002, Effective Date: September 17, 2003]

A.4. Particulate Matter Emissions Limited: Emissions of particulate matter (PM/PM₁₀) from Pellet Cooler No. 3 (E.U. -009), or Pellet Cooler No. 4 (E.U. -020), shall not exceed 5.0 pounds per hour. Emissions of particulate matter (PM/PM₁₀) from Pellet Cooler No. 3 (E.U. -009), and Pellet Cooler No. 4 (E.U. -020), shall not exceed 29.5 tons per year. [Rules 62-4.070(3) and 62-212.400(2)(g), F.A.C., Construction Permit 0510015-011-AC, issued May 24, 2002, Effective Date: September 17, 2003]

A.5. Pursuant to this permit, the permittee received a 14.9 TPY net increase in PM₁₀ emissions for the increased pellet cooler and boiler operation. Therefore, any net increase in PM₁₀ emissions of 0.1 TPY above the allowable limitation established in Specific Condition A.4. will initiate preconstruction review requirements pursuant to Rule 62-212.400(5), F.A.C., for PM₁₀ for the pellet coolers and boilers as if construction of these

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

emissions units had not yet begun. See Specific Condition A.4. [Rules 62-212.400(2)(g) and 62-212.400(5), F.A.C.]

A.6. Excess Emissions: Excess emissions are not permitted for the pellet coolers, Emissions Units 009 for any duration for startup or shutdown. The following excess emissions provisions of state rule apply to Emissions Unit 020 as specified below.

- a.) Excess emissions resulting from start-up and shutdown are permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period.
- b.) Excess emissions resulting from malfunction of this emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour unless specifically authorized by the Department for a longer duration.
- c.) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(1), (4), and (5), F.A.C. and Construction Permit 0510015-007-AC/PSD-FL-299, issued December 4, 2000, Effective Date: September 17, 2003 and Construction Permit 0510015-011-AC, issued May 24, 2002, Effective Date: September 17, 2003]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

A.7. Visible emissions. The owner or operator shall demonstrate compliance with the visible emissions limit for these emissions units annually using EPA Method 9, as described in 40 CFR 60 Appendix A. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

A.8. Emission Tests Required: The owner or operator shall demonstrate compliance with the particulate emissions limit of this section by testing the emissions units prior to renewal of each operation permit using Method 5 of 40 CFR 60 Appendix A, assuming that all particulate matter is PM₁₀. [Rules 62-4.070(3) and 62-297.310, F.A.C., required to monitor compliance with the limitation on potential to emit, Construction Permit 0510015-007-AC/PSD-FL-299 issued December 4, 2000, Effective Date: September 17, 2000 and Construction Permit 0510015-011-AC, issued May 24, 2002, Effective Date: September 17, 2003]

A.9. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rules 62-297.310(2), F.A.C.]

{Permitting note: Performance testing of the pellet cooler shall be conducted while the peel dryer is operating at 90 to 100 percent of its permitted capacity.}

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

A.10. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, attached as part of this permit.

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

A.11. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. For the boilers: meters shall be installed to monitor the fuel oil being consumed. For the peel dryer: the scrubber control system shall be equipped with instrumentation to monitor total water flow to the scrubber nozzles. Proper oil flow meters shall be installed to monitor the fuel oil being consumed. For the tanks: All equipment, pipes, hoses, lids, fittings, etc., shall be operated and maintained in such a manner as to minimize leaks, fugitive emissions and spills of Volatile Organic Compounds.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

[Rule 62-297.310(5), F.A.C., Construction Permit 0510015-005-AC dated July 8, 1997, and Construction Permit AC26-260242, dated February 17, 1995]

A.12. The permittee shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the permittee. [Rule 62-297.310(7), F.A.C.]

A.13. Test Reports.

(a) The permittee of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed.

[Rule 62-297.310(8), F.A.C.]

A.14. In the case of excess emissions resulting from malfunctions, the permittee shall notify the Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]

A.15. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

A.16. Required stack-sampling facilities provided by the permittee include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E and requirements in Appendix SS-1, Stack Sampling Facilities (version 10/07/96) made a part of this permit. [Rule 62-297.310(6)(a), F.A.C.]

A.17. Required Number of Test Runs: For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five-day period allowed for the test, the Secretary or his or her designee may accept the results of two complete runs as proof of compliance, provided that the arithmetic mean of the two complete runs is at least 20% below the allowable emission limiting standard. [Rule 62-297.310(1), F.A.C.]

A.18. Calculation of Emission Rate: The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule. [Rule 62-297.310(3), F.A.C.]

A.19. Test Procedures shall meet all applicable requirements of Rule 62.297.310(4), F.A.C. [Rule 62-297.310(4), F.A.C.]

A.20. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)(b), F.A.C.]

REPORTING AND RECORD KEEPING REQUIREMENTS

A.21. Records of Operation Required: The owner or operator shall make and maintain records of hours of operation of each pellet cooler in units of hours per month and hours per consecutive 12-month period, to demonstrate compliance with the limit of Specific Condition A.2. The records shall also detail which pellet cooler(s) were in operation during the operating period recorded, to demonstrate compliance with the requirements of Specific Condition A.1. Records shall be made from daily operation records and shall be completed no later than the 10th day of each following month. [Rule 62-4.070(3), F.A.C., required to monitor compliance with the limitation on potential to emit, Construction Permit 0510015-007-AC/PSD-FL-299 issued December 4, 2000, Effective Date: September 17, 2003]

A.22. Duration of Record Keeping: Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection B. This section addresses the following emissions units.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-001	Boiler No.1
-002	Boiler No.2
-008	Boiler No.3
-010	Boiler No.4

Boiler No.1 and No.2 are Cleaver Brooks Model CBW200 - 800 Hp fire-tube boilers, fired with No.2 fuel oil. Boiler No.3 is a Johnston Model 509 - 800 Hp fire-tube boiler, fired with No.2 oil. Boiler No.4 is a Johnston 150 Hp boiler model PFTC 150-3, fired with No. 2 oil.

{Permitting note: Boiler Nos. 1, 2, and 3 are regulated under 40 CFR 60 Subpart Dc Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, adopted by 62-204, 800(7)(b)4, F.A.C., Best Available Control Technology (BACT) Determination February 4, 1992, and Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 million Btu per hour heat input, new and existing units. Boiler No. 4 is regulated under Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 million Btu per hour heat input, new and existing units.}

OPERATIONAL REQUIREMENTS

B.1. Permitted Capacity. The maximum operating capacity is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
No. 1	33.6 MMBtu/hr	No. 2 fuel oil
No. 2	33.6 MMBtu/hr	No. 2 fuel oil
No. 3	35.6 MMBtu/hr	No. 2 fuel oil
No. 4	6.3 MMBtu/hr	No. 2 fuel oil

[Rules 62-4.160(2), 62-210.200(PTE), F.A.C. and Construction Permit 0510015-001-AC, dated July 12, 1996 and Construction Permit 0510015-005-AC, dated July 8, 1997 and Construction Permit 051005-006-AC, dated July 8, 1998]

B.2. Hours of Operation. Boiler Nos. 1, 2, 3 and 4 are allowed simultaneous operation up to 8,760 hours during any consecutive twelve-month period. The total oil consumption by all boilers will be limited to 4,078,000 gallons during any consecutive twelve-month period. [Rule 62-4.160(2) and 62-210.200(PTE), F.A.C.]

B.3. Methods of Operation. Fuel. The only fuel authorized to be burned is No.2 fuel oil with a sulfur content not to exceed 0.5% sulfur by weight. [BACT determination on February 4, 1992, and Construction Permit 0510015-006-AC dated July 8, 1998 and 40 CFR 60.42c(d)]

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

EMISSION LIMITING STANDARDS

B.4. Visible emissions - Visible emissions shall not be equal to or greater than 20% opacity (6-minute average) except for one 6-minute period per hour of not more than 27% opacity. [Rule 62.296.406 (1), F.A.C., and 40 CFR 60.43c(c)]

B.5. Particulate emissions - Particulate emissions shall be controlled by the firing of No.2 oil with a maximum of 0.5 percent sulfur. [Rule 62-296.406(2) F.A.C. and BACT dated February 17,1992]

B.6. Sulfur Dioxide. Sulfur dioxide emissions shall be controlled by the firing of No. 2 oil with a maximum of 0.5 percent sulfur. Sulfur Dioxide emissions shall not exceed 0.50 pounds per million BTU heat input. The boilers have a potential to emit approximately 145 tons per year. [Rule 62-296.406(3), F.A.C. and 40 CFR 60.42c(h), BACT dated February 21, 1992, and Construction Permit AC26-206066, dated June 3, 1992]

B.7. The opacity standards for Boiler Nos. 1, 2, and 3 apply at all times, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c(d)]

B.8. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

B.9. In the case of excess emissions resulting from malfunctions, the permittee shall notify the Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS, NESHAP, or Acid Rain program provision.}

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

B.10. Visible emissions. The test method for visible emissions shall be DEP Method 9 and shall be conducted annually on or during the 60-day period prior to April 14th. Tests shall be conducted on Boilers No.1, No.2, and No.3 operating simultaneously and also with Boiler No.4 operating in place of either Boiler No.1, No.2, or No.3. [Rules 62-213.440 and 62-297.401, F.A.C.]

B.11. Sulfur Dioxide Continuing compliance with the emission limits or fuel oil sulfur limits shall be determined based on a certification from the fuel supplier and records of the amount of fuel combusted as described in Record Keeping and Report Requirements of Specific Condition **B.20**. [Rule 62-296.406(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

B.12. Fuel supplier certification shall include the following information:

- (i) The name of the oil supplier; and
- (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c.
[40 CFR 60.48c(f)]

B.13. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rules 62-297.310(2), F.A.C.]

B.14. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4), F.A.C.]

B.15. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. For the boilers: meters shall be installed to monitor the fuel oil being consumed. For the peel dryer: the scrubber control system shall be equipped with instrumentation to monitor total water flow to the scrubber nozzles. Proper oil flow meters shall be installed to monitor the fuel oil being consumed. For the tanks: All equipment, pipes, hoses, lids, fittings, etc., shall be operated and maintained in such a manner as to minimize leaks, fugitive emissions and spills of Volatile Organic Compounds.

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C., Construction Permit 0510015-005-AC dated July 8, 1997, and Construction Permit AC26-260242, dated February 17, 1995]

B.16. The permittee shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the permittee. [Rule 62-297.310(7), F.A.C.]

B.17. Test Reports.

(a) The permittee of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed.

[Rule 62-297.310(8), F.A.C.]

B.18. Test Procedures shall meet all applicable requirements of Rule 62.297.310(4), F.A.C. [Rule 62-297.310(4), F.A.C.]

B.19. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)(b), F.A.C.]

REPORTING AND RECORD KEEPING REQUIREMENTS

B.20. The permittee subject to sulfur dioxide emission limits or fuel oil sulfur limits requirements shall keep records and submit quarterly reports to the Department as described in Specific Conditions **B.11.** and **B.12.** The initial report shall be postmarked by the 30th day of the third month following the completion of the initial performance test. Each subsequent quarterly report shall be postmarked by the 30th day following the end of the reporting period. Including the following information:

A. Records of fuel supplier certifications, the quarterly report shall include a certified statement signed by the permittee that the records of fuel supplier certifications submitted represent all of the fuel combusted during the quarter.

B. The permittee shall maintain records of the amounts of fuel combusted during the day.

[40 CFR 60.48c(e)(11) and 40 CFR 60.48c(g)]

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

B.21. Duration of Record Keeping: Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither 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 is not a waiver 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.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment 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.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; 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.
- G.6 The permittee shall 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.
- G.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 and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and
 - (c) Sample or monitor 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.

- G.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 provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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 for revocation of this permit.

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.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.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained 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:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.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 corrected promptly.

TECHNICAL EVALUATION AND DETERMINATION

1 APPLICANT NAME AND ADDRESS

Southern Gardens Citrus Processing Corporation
Post Office Box 130
Clewiston, Florida 33440

Authorized Representative: Tristan Chapman, Vice President and General Manager

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The facility currently has a total of forty-one citrus juice extractors, one citrus feed mill with a backup peel dryer, two pellet mills with two pellet coolers, four steam boilers, and seven volatile organic liquid storage tanks. The facility is limited to a total fruit processing capacity of 20 million boxes of fruit per year by permit PSD-FL-299.

The applicant is proposing to install a new pellet mill, thereby bringing the total number of pellet mills to three, and to allow the simultaneous operation of all four boilers and both pellet coolers. Previous permits restricted the operation of the boilers to three operating at any time and only one pellet cooler operating at any time. Since these restrictions in operation were relied upon when issuing the air construction permits adding the fourth boiler and the second pellet cooler, the source obligation provisions of Rule 62-212.400(2)(g), F.A.C. apply. Because the applicant did not request a PSD review, all allowable emissions increases must remain below the PSD significance level for all pollutants. In order to insure that this requirement is met, the total PM₁₀ emissions from both pellet coolers cannot exceed 29.5 tons per year because the PM₁₀ contribution from allowing Boiler No. 4 simultaneous operation with the other three boilers is 0.4 ton per year, bringing the total PM₁₀ increase to 14.9 tons per year for the entire project.

The emissions units addressed by this permit are:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
-001	Boiler No.1
-002	Boiler No.2
-008	Boiler No.3
-010	Boiler No.4
-009	Pellet Cooler No. 3
-020	Pellet Cooler No. 4

The emissions increases associated with this project were estimated as follows in tons per year. No offsetting emissions were assumed in this estimate.

Pollutant	Net Increase¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	14.9/14.9	25/15	No
SO ₂	14.4	40	No
NO _x	4.0	40	No
CO	1.0	100	No
VOC	0	40	No

¹The net increase was estimated by the department using AP-42 emissions factors for boiler No. 4 and the emissions estimates provided by the applicant for the two pellet coolers. The additional pellet mill will not contribute any emissions to the estimate.

TECHNICAL EVALUATION AND DETERMINATION

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM₁₀, carbon monoxide, SO₂, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant exceeds 100 tons per year (TPY). The Department has previously found that citrus juice processing facilities such as this facility have potential emissions of VOC exceeding 250 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant (VOC), the facility is also an existing Major Facility with respect to Rule 62-212.400, F.A.C. Prevention of Significant Deterioration (PSD). The net increase in emissions of PM/PM₁₀, NO_x, SO₂, CO and VOC do not exceed the PSD significance levels of Table 212.400-2 of Chapter 62-212, F.A.C. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C., for these pollutants.

The applicant stated that this facility is a major source of hazardous air pollutants (HAPs). This project is not subject to a case-by-case MACT determination, per Rule 62-204.800(10)(d)2, F.A.C., because it does not result in the construction or reconstruction of a major source of HAP emissions. This project is not subject to any requirements under the National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or 63.

3 SOURCE IMPACT ANALYSIS

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

4 EXCESS EMISSIONS

Excess emissions for this emissions unit are specified in Section II of the permit. This permitting action does not change any authorization for excess emissions provided by other Department permits for other emissions units

5 LIMITS AND COMPLIANCE REQUIREMENTS

The permit limits the combined operation of the pellet coolers. Specific emission limits were imposed to insure potential emissions remain below the PSD significance criteria. The operational limits and the compliance requirements are detailed in Section III of the permit.

6 PRELIMINARY DETERMINATION

Based on the foregoing technical evaluation of the application submitted by the applicant and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow the construction of a new pellet mill and allow the simultaneous operation of all four boilers and both pellet coolers, subject to the terms and conditions of the draft permit.

7 FINAL DETERMINATION

^DRAFT (This section will be revised when a final permit is issued for this project.)

TECHNICAL EVALUATION AND DETERMINATION

DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:

Edward J. Svec, Engineer IV
Department of Environmental Protection
Bureau of Air Regulation
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114

U.S. Postal Service
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Mr. Tristan Chapman, Vice President

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Total Postage & Fees	\$

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Mr. Tristan Chapman, Vice President

Street, Apt. No.;
or PO Box No.

Post Office Box 130

City, State, ZIP+ 4

Clewiston, Florida 33440

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1. Article Addressed to:

Mr. Tristan Chapman
 Vice President, General Manager
 Southern Gardens Citrus
 Processing Corporation
 Post Office Box 130
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2. Article Number

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