

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Nick Emanuel, C.O.O.
Citrosuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33898-3950

DEP File No. 1050001-004-AC
New 1,000 Horsepower Boiler
Polk County

Enclosed is Final Permit Number 1050001-004-AC. This permit authorizes Citrosuco North America, Inc. to install a new 1,000 horsepower process steam boiler, with a physical capacity of 38.5 MMBtu per hour heat input, as an in kind replacement to the existing Emissions Unit I.D. -004 to be fired with natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight) at its citrus juice processing plant located at 5937 Highway 60, East, Lake Wales, Polk County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E., Chief
Bureau of Air Regulation

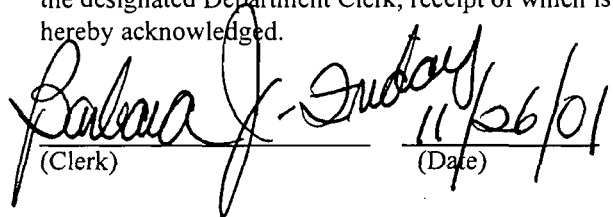
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 11/26/01 to the person(s) listed:

Mr. Nick Emanuel, C.O.O., Citrosuco, North America *
Mr. James Carnicelli, P.E., Ridge Professional Group Inc.
Mr. Bill Thomas, P.E., DEP SWD

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) 11/26/01
(Date)

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- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

Mr. Nick Emanuel, C.O.O.
 Citrusuco North America, Inc.
 P.O. Box 3950
 Lake Wales, Florida
 33898-3950

2. Article Number (Copy from service label)

7000 0520 0020 9371 1809

PS Form 3811, July 1979

Domestic Return Receipt

102595-00-M-0952

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Mr. Nick Emanuel, C.O.O.

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Mr. Nick Emanuel, C.O.O.

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

P.O. Box 3950

City, State, ZIP+4

Lake Wales, Florida 33898-3950

PS Form 3800, February 2000

See Reverse for Instructions

TECHNICAL EVALUATION AND DETERMINATION

1 APPLICANT NAME AND ADDRESS

Citrosuco North America, Inc.
5937 Highway 60, East
Lake Wales, Florida 33898

Authorized Representative: Nick Emanuel, C.O.O.

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions unit addressed by this permit is a new 1,000 Horsepower Boiler, Emissions Unit I.D. -012.

The emissions increases associated with this project were estimated as follows in tons per year. Contemporaneous emissions decreases from the existing boiler were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	NONE	25/15	No
SO ₂	NONE	40	No
NO _x	NONE	40	No
CO	NONE	100	No
VOC	NONE	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas and fuel oil usage and AP-42 emission factors (tables 1.3-1 and 1.3-3 for fuel oil, tables 1.4-1 and 1.4-2 for natural gas), assuming 4,000 hours of operation with natural gas and 240 hours of operation on No. 4 fuel oil, given a design heat input capacity of 38.5 mmBtu/hour, and the fuel use limits of the permit.

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 new process steam boiler is subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. This emissions unit is also subject to a determination of Best Available Control Technology (BACT) pursuant to Rule 62-296.406, F.A.C. The applicant requested that BACT be

TECHNICAL EVALUATION AND DETERMINATION

determined to be the use of natural gas and 0.5%, by weight, sulfur No. 4 fuel oil. BACT for small boilers is typically the use of natural gas and low, by weight, sulfur fuel oil, so the applicant's request is consistent with the Department's previous BACT determinations. The Department's determination for this project is that BACT shall be the use of natural gas as the primary fuel, with low sulfur (0.5% by weight) No. 4 fuel oil allowed as a backup fuel. Fuel oil use will be further limited to not exceed 240 hours per year.

The rationale for the Department's BACT determination is that sulfur in fuel is a primary air pollution concern, since most of the fuel sulfur becomes sulfur dioxide, and particulate matter emissions from fuel burning are related to the sulfur content. Reducing the allowable sulfur content of the fuels burned will reduce the emissions of sulfur dioxide and particulate matter. Natural gas has the lowest sulfur content of the typically available fuels. Burning of natural gas results in relatively lower emissions of other criteria pollutants as compared with firing fuel oil, with the exception of nitrogen oxides which are higher. Thus, for the majority of pollutants, including particulate matter and sulfur dioxide, the use of natural gas is the best alternative. Fuel oil is permitted as a backup fuel, although its use is limited because of its higher sulfur content.

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 sulfur content of the distillate fuel oil and limits the heat input to the emissions units from all permitted fuels. Specific emission limits were not imposed because the potential emissions are well below the PSD significance criteria. The fuel consumption 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 and additional information 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 replacement of process steam boiler No. 2 (Emissions Unit I.D.-004) with a new 1,000 horsepower boiler (Emissions Unit I.D.-012), subject to the terms and conditions of the draft permit.

7 FINAL DETERMINATION

An “INTENT TO ISSUE AIR CONSTRUCTION PERMIT” to Citrusuco North America for their existing citrus juice processing plant located at 5937 Highway 60, East, Lake Wales, Polk County was clerked on October 23, 2001. The “PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT” was published in the Winter Haven News Chief on October 25, 2001. The Draft Air Construction Permit was available for public inspection at the Southwest District office in Tampa and the permitting authority’s office in Tallahassee. Proof of publication of the “PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT” was received on November 2, 2001.

No comments were received during the fourteen (14) day public comment period. As a result, the Final Air Construction permit will be issued, as noticed.

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



Department of Environmental Protection

Jeb Bush
Governor

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

PERMITTEE

Citrusuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33859-3950

Permit No.	1050001-004-AC
Project	New 1,000 Horsepower Boiler
SIC No.	20, 2033
Expires:	February 1, 2002

Authorized Representative:

Nick Emanuel, C.O.O.

PROJECT AND LOCATION

This permit authorizes Citrusuco North America, Inc., Lake Wales Plant, to install a replacement to the No. 2 process steam boiler. The new boiler will have a physical capacity of 38.5 MMBtu/hour or less and fire natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight).

This facility is located at 5937 Highway 60, East, Lake Wales, Polk County. The UTM coordinates are: Zone 17; 452.4 km E and 3085.5 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

Howard L. Rhodes, Director
Division of Air Resources
Management

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions unit addressed by this permit is a new 1,000 Horsepower Boiler, Emissions Unit I.D. -012.

The annual potential emissions associated with this project in tons per year are approximately: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43. 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

October 2, 2001	Received permit application (no application fee required)
October 2, 2001	Application complete
October 23, 2001	Distributed Notice of Intent to Issue and supporting documents
October 25, 2001	Notice of Intent published in the News Chief, Winter Haven, Polk County

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 Southwest District office at 3804 Coconut Palm Drive, Tampa, Florida 33619-8218, and phone number 813/744-6100.
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 of the Florida Statutes(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., and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297 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 February 1, 2002. 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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southwest 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 Southwest 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 005) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted for emissions unit 005 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.]

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 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 Southwest 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 Southwest 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.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
012	New 1,000 Horsepower Boiler

[Note: This emissions unit is a process steam boiler that is installed to serve as a source of steam to meet citrus processing needs. This boiler is limited to one of a physical capacity of 38.5 MMBtu/hour or less, that fires natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight). This emissions unit is subject to the requirements of the state rules as indicated in this permit. This emissions unit is subject to a determination of Best Available Control Technology pursuant to Rule 62-296.406, F.A.C. The fuel authorized by this permit is consistent with that BACT determination. This emissions unit is subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.]

STATE AND FEDERAL RULE REQUIREMENTS

OPERATIONAL REQUIREMENTS

1. Hours of Operation: This emissions unit may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]
2. Methods of Operation - (i.e., Fuels).
 The permittee is authorized to burn only the following fuels in each of the boilers:
 - a. Primary fuel: Natural gas.
 - b. Standby fuel, No. 4 fuel oil with a maximum sulfur content of 0.5% S by weight or better grade (see Condition 22). Standby fuel, No. 4 fuel oil, may only be used during periods of natural gas supply curtailment. [Rules 62-210.200(PTE), 62-4.160(2), and 62-213.440(1), F.A.C.; and, 1050001-001-AV]
3. Capacity.
 - a. The maximum total natural gas usage in all of the boilers (including insignificant boiler) shall not exceed 577.5 MMcf in any 12 consecutive month period.
 - b. Maximum total No. 4 oil usage in all of the boilers shall not exceed 237,600 gallons in any 12 consecutive month period. [Rules 62-4.070(3), 62-210.200 and 62-296.406, F.A.C.; and, 1050001-001-AV]

[Note: This condition limits distillate fuel oil consumption to the equivalent of 240 hours per year.]

4. Visible Emissions Limited: Visible emissions from this emissions unit shall not exceed 20 percent opacity except for one two-minute period per hour during which opacity shall not exceed 40 percent. [Rule 62-296.406(1), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

5. Fuel Sulfur Content Tests: The owner or operator shall determine the sulfur content of each delivery of fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of specific condition 3 of this section. [Rules 62-4.070(3) and 62-297.440, F.A.C.]

6. Visible Emission Tests Required: The owner or operator shall demonstrate compliance with the visible emissions limit for this emissions unit upon initial installation and 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.]

REPORTING AND RECORD KEEPING REQUIREMENTS

7. Fuel Sulfur Content Records: The owner or operator shall maintain records of sulfur content of each delivery of distillate fuel oil received for these emissions units, made pursuant to the requirements of specific condition 5 of this section. [Rule 62-4.070(3), F.A.C.]
8. Distillate Fuel Oil Consumption Records: The owner or operator shall make and maintain monthly records of natural gas and distillate fuel oil consumption for this emissions unit. From the monthly records of consumption of all permitted fuels, the owner or operator shall make records of the consecutive 12-month fuel consumption to demonstrate compliance with the fuel consumption limits of specific condition 3 of this section. All of these records shall be completed within ten days of the end of each month. [Rule 62-4.070(3), F.A.C.]
9. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit. [Rule 62-296.810, F.A.C.; 40 CFR 60.48c(g) and (i)]
10. The permittee shall maintain a (daily) record of the quantity of fuel oil used for each day of operation. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(g) and 40 CFR 60.48c(i)]
11. The permittee shall submit the following written notifications to the Air Compliance Section of the Southwest District Office of the Department:
 - a. A notification of the date construction (or reconstruction as defined under 60.15) of the boiler is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
 - b. A notification of the anticipated date of initial startup of the boiler, postmarked not more than 60 days nor less than 30 days prior to such date.
 - c. A notification of the actual date of initial startup of the boiler, postmarked within 15 days after such date.
 - d. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14 (e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Administrator may request additional relevant information subsequent to this notice. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.7(a) and 40 CFR 60.48c(a)]

12. The permittee shall submit quarterly reports of the fuel oil supplier sulfur content certification records required by Condition 10 for any calendar quarter during which fuel oil is fired. In addition to the above, the quarterly report shall include a certified statement signed by the owner or operator of the facility that the records of the fuel supplier certifications submitted represent all of the fuel combusted during the quarter. The quarterly reports shall be submitted to the Air Compliance Section of the Southwest District Office of the Department within 30 days of the end of the quarter being reported. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(e)(11)]

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.


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

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.

- 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 (X);
 - (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.

Memorandum

Florida Department of Environmental Protection

TO: Howard Rhodes
FROM: Clair Fancy 
DATE: November 8, 2001
SUBJECT: Citrusuco, North America, Inc.
New 1,000 Horsepower Boiler

Attached for approval and signature is a final air construction permit for the emergency replacement of the Lake Wales Plant's existing No. 2 boiler, a Johnson Company boiler, with a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour. The boiler was destroyed by dry firing and the replacement boiler will be identical in size and operational parameters to the existing unit. The boiler will be fired with natural gas or new No. 4 fuel oil with a maximum sulfur content of 0.50% by weight. Fuel oil use is restricted to 240 hours per year. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

This project is not subject to PSD because the associated emissions increases are not significant for PSD. Total emissions of pollutants from this project will not exceed the approximate annual emission rates in tons per year: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43.

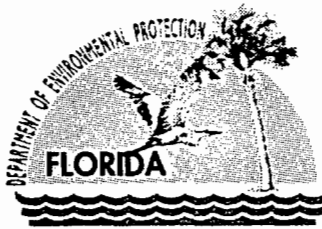
No comments were received during the public comment period.

I recommend your approval and signature.

January 14, 2002 is day 90 day.

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

January 29, 2002

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Nick Emanuel
Chief Operating Officer
Citrusuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33898-3950

Re: Extension of Expiration Date of Permit No. 1050001-004-AC
New 1,000 Horsepower Boiler

Dear Mr. Vaden:

The applicant applied on January 28, 2002 to the Department for an extension of the expiration date of air construction permit number 1050001-004-AC to construct a new 1,000 horsepower boiler at their existing citrus processing Plant located at 5937 Highway 60, East, Lake Wales, Polk County. The Department has reviewed the request. The expiration date is hereby extended from February 1, 2002 to May 31, 2002 to allow additional time for compliance testing and submittal of a Title V operating permit revision application.

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permitting decision is issued pursuant to Chapter 403, Florida Statutes.

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 of the Florida Statutes. 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) of the Florida Statutes 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), 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 of the Florida Administrative Code.

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

"More Protection, Less Process"

Printed on recycled paper.

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.

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.

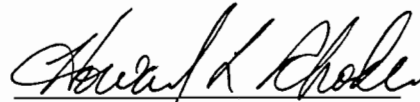
The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will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

This permitting decision is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this order will not be effective until further order of the Department.

Any party to this permitting decision (order) has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Howard L. Rhodes, Director
Division of Air Resources
Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this order was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 1/30/02 to the person(s) listed:

- Mr. Nick Emanuel, C.O.O., Citrusuco, North America *
- Mr. James Carnicelli, P.E., Ridge Professional Group Inc.
- Mr. Bill Thomas, P.E., DEP SWD

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) _____ (Date) 1/30/02

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Mr. Nick Emanuel
 Chief Operating Officer
 Citrusco North America, Inc.
 P.O. Box 3950
 Lake Wales, Florida 33898-3950

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) *Forrest Lingenfelter* B. Date of Delivery *2/5/02*

C. Signature *X Forrest Lingenfelter* Agent Addressee

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Copy from service label)
 7000 0520 0020 9371 2608

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

7000 0520 0020 9371 2608

Mr. Nick Emanuel

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Recipient's Name (Please Print Clearly) (To be completed by mailer)
 Mr. Nick Emanuel
 Street, Apt. No.; or PO Box No.
 P.O. Box 3950
 City, State, ZIP+4
 Lake Wales, Florida 33898-3950

Citrosuco North America Inc.

RECEIVED

JAN 28 2002

January 23, 2002

BUREAU OF AIR REGULATION

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

RE: Citrosuco North America, Inc. – New 1,000 Horsepower Boiler
Florida Department of Environmental Protection Permit File No. 1050001-004-AC

Dear Mr. Svec:

The purpose of this letter is to request a time extension for the captioned construction permit. The construction permit is due to expire on February 1, 2002. We are requesting a time extension of four (4) months to complete the required testing for construction certification.

As required by our existing Title V Operating Permit, CITROSUCO NORTH AMERICA, INC., has scheduled Visible Emission Tests within the next few months. Once these tests are completed, we will provide these results to the Southwest District Office and certify the construction of the new boiler unit. Please let us know if you need any additional information to process this time extension. Thank you in advance for your prompt attention to this matter.

Sincerely,
CITROSUCO NORTH AMERICA, INC.



Mr. Nick Emanuel
Chief Operating Officer

Fischer
Group

October 30, 2001

RECEIVED

NOV 02 2001

DEP Bureau of Air Regulation
2600 Blair Stone Road
Mail Station #5505
Tallahassee, Fl. 32399-2400

BUREAU OF AIR REGULATION

Reference: DEP File # 10500001-AC Boiler Install

Dear Sirs,

Please find enclosed the proof of publication for our public notice that was published in the Winter Haven News Chief on 10/25/01. This paper is published in Polk county on a daily basis.

If you have any questions regarding this notice please call me at (863) 696-7400 ext. 251.

Regards,

Ken Miller

Ken Miller
Safety and Compliance Director

cc: *E. Surr*
B. Thomas, SWP

AFFIDAVIT OF PUBLICATION

News Chief

Published Daily

**STATE OF FLORIDA
COUNTY OF POLK**

Before the undersigned personally appeared **Mary Tibado** who on oath says that she is **Business Manager** of the News Chief, a newspaper published at Winter Haven, in Polk County, Florida; that the attached copy of advertisement, being **Notice of Intent/DEP#1050001-004-AC** in the matter **Citrosuco North America, Inc.** in the Circuit Court, was published in said newspaper in the issue of **October 25, 2001**.


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

Signed *Mary Tibado*

Sworn to and subscribed before me this **25th** day of **October** A.D. 2001 by **Mary Tibado** who is personally known to me or who has produced (_____) as identification.

Lynda Wilkerson

Notary Public

 Lynda Wilkerson
My Commission CC781588
Expires July 22, 2002

My Commission Expires: _____

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEP File No. 1050001-004-AC
Citrusco North America, Inc.
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Citrusco North America, Inc., for its existing citrus juice processing facility located at 5937 Highway 60, Lake Wales, Polk County. The applicant's mailing address is: P.O. Box 3950, Lake Wales, Florida 33859-3950. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit 1.D-004, has a design rate of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5% sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relation in currently enforceable conditions for its other existing emissions units. This project is not subject to the requirements for PSD. An air quality impact analysis was not required.

Total emissions of pollutants from the changes authorized by this permit will not exceed the following approximate annual emission rates in tons per year: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43.

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 proposal 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 of the Florida Administrative Code (F.A.C.)

A petition that disputes the material facts on which the Department's acting 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 each 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 which 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 Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619-8218 Telephone: 813/744-6100
---	--

The complete project file includes the application, technical evaluations, 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 Administrator, Title V Section, or 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.

Published: October 25, 2001



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

October 23, 2001

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Nick Emanuel
C.O.O.
Citrosuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33898-3950

Re: DEP File No. 1050001-004-AC
New 1,000 Horsepower Boiler

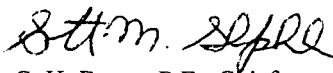
Dear Mr. Emanuel:

Enclosed is one copy of the draft air construction permit to Citrosuco North America, Inc., to construct a new 1,000 horsepower process steam boiler, with a physical capacity of 38.5 MMBtu per hour heat input, as an in kind replacement to the existing Emissions Unit I.D. -004 to be fired with natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight) at its citrus juice processing plant located at 5937 Highway 60, East, Lake Wales, Polk 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., Administrator, Title V Section at the above letterhead address. If you have any other questions, please contact Edward J. Svec at 850/921-8985.

Sincerely,


for C. H. Fancy, P.E., Chief
Bureau of Air Regulation

CHF/es

Enclosures

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Nick Emanuel
 C.O.O.
 Citrusco North America, Inc.
 P.O. Box 3950
 Lake Wales, Florida 33898-3950

2. Article Number (Copy from service label)

7000 0520 0020 9371 1687

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

FORREST LINGENFETTER 10/29/01

C. Signature

X *Forrest Lingenfetter*

- Agent
- Addressee

D. Is delivery address different from item 1?

If YES, enter delivery address below:

- Yes
- No

3. Service Type

- Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

- Yes

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 9371 1687

Mr. Nick Emanuel

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

Mr. Nick Emanuel

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

P.O. Box 3950

City, State, ZIP+4

Lake Wales, Florida 33898-3950

In the Matter of an
Application for Permit by:

Mr. Nick Emanuel, C.O.O.
Citrusuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33898-3950

DEP File No. 1050001-004-AC
New 1,000 Horsepower Boiler
Polk 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, Citrusuco North America, Inc., applied on October 2, 2001, to the Department for an air construction permit for its existing citrus juice processing facility located at 5937 Highway 60, East, Lake Wales, Polk County. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

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, of the 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.

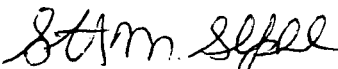
The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number 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.


C. H. Fancy, P.E., Chief
Bureau of Air Regulation

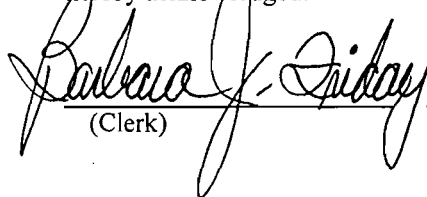
CERTIFICATE OF SERVICE

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 10/23/01 to the person(s) listed:

Mr. Nick Emanuel, C.O.O., Citrosuco, North America *
Mr. James Carnicelli, P.E., Ridge Professional Group Inc.
Mr. Bill Thomas, P.E., DEP SWD

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.

 10/23/01
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 1050001-004-AC

Citrusuco North America, Inc.
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Citrusuco North America, Inc., for its existing citrus juice processing facility located at 5937 Highway 60, Lake Wales, Polk County. The applicant's mailing address is: P.O. Box 3950, Lake Wales, Florida 33859-3950. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units. This project is not subject to the requirements for PSD. An air quality impact analysis was not required.

Total emissions of pollutants from the changes authorized by this permit will not exceed the following approximate annual emission rates in tons per year: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43.

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 of the 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

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

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.

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
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100

The complete project file includes the application, technical evaluations, 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 Administrator, Title V Section, or 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

TECHNICAL EVALUATION AND DETERMINATION

1 APPLICANT NAME AND ADDRESS

Citrosuco North America, Inc.
5937 Highway 60, East
Lake Wales, Florida 33898

Authorized Representative: Nick Emanuel, C.O.O.

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions unit addressed by this permit is a new 1,000 Horsepower Boiler, Emissions Unit I.D. -012.

The emissions increases associated with this project were estimated as follows in tons per year. Contemporaneous emissions decreases from the existing boiler were assumed in this estimate.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	NONE	25/15	No
SO ₂	NONE	40	No
NO _x	NONE	40	No
CO	NONE	100	No
VOC	NONE	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas and fuel oil usage and AP-42 emission factors (tables 1.3-1 and 1.3-3 for fuel oil, tables 1.4-1 and 1.4-2 for natural gas), assuming 4,000 hours of operation with natural gas and 240 hours of operation on No. 4 fuel oil, given a design heat input capacity of 38.5 mmBtu/hour, and the fuel use limits of the permit.

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 new process steam boiler is subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. This emissions unit is also subject to a determination of Best Available Control Technology (BACT) pursuant to Rule 62-296.406, F.A.C. The applicant requested that BACT be

TECHNICAL EVALUATION AND DETERMINATION

determined to be the use of natural gas and 0.5%, by weight, sulfur No. 4 fuel oil. BACT for small boilers is typically the use of natural gas and low, by weight, sulfur fuel oil, so the applicant's request is consistent with the Department's previous BACT determinations. The Department's determination for this project is that BACT shall be the use of natural gas as the primary fuel, with low sulfur (0.5% by weight) No. 4 fuel oil allowed as a backup fuel. Fuel oil use will be further limited to not exceed 240 hours per year.

The rationale for the Department's BACT determination is that sulfur in fuel is a primary air pollution concern, since most of the fuel sulfur becomes sulfur dioxide, and particulate matter emissions from fuel burning are related to the sulfur content. Reducing the allowable sulfur content of the fuels burned will reduce the emissions of sulfur dioxide and particulate matter. Natural gas has the lowest sulfur content of the typically available fuels. Burning of natural gas results in relatively lower emissions of other criteria pollutants as compared with firing fuel oil, with the exception of nitrogen oxides which are higher. Thus, for the majority of pollutants, including particulate matter and sulfur dioxide, the use of natural gas is the best alternative. Fuel oil is permitted as a backup fuel, although its use is limited because of its higher sulfur content.

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 sulfur content of the distillate fuel oil and limits the heat input to the emissions units from all permitted fuels. Specific emission limits were not imposed because the potential emissions are well below the PSD significance criteria. The fuel consumption 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 and additional information 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 replacement of process steam boiler No. 2 (Emissions Unit I.D.-004) with a new 1,000 horsepower boiler (Emissions Unit I.D.-012), 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

Recommended by:

C. H. Fancy, P.E., Chief
Bureau of Air Regulation

Date

Approved by:

Howard L. Rhodes, Director
Division of Air Resources
Management

Date



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PERMITTEE

Citrosuco North America, Inc.
P.O. Box 3950
Lake Wales, Florida 33859-3950

Permit No.	1050001-004-AC
Project	New 1,000 Horsepower Boiler
SIC No.	20, 2033
Expires:	^DRAFT

Authorized Representative:

Nick Emanuel, C.O.O.

PROJECT AND LOCATION

This permit authorizes Citrosuco North America, Inc., Lake Wales Plant, to install a replacement to the No. 2 process steam boiler. The new boiler will have a physical capacity of 38.5 MMBtu/hour or less and fire natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight).

This facility is located at 5937 Highway 60, East, Lake Wales, Polk County. The UTM coordinates are: Zone 17; 452.4 km E and 3085.5 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

DRAFT

Howard L. Rhodes, Director
Division of Air Resources
Management

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit I.D. -004, had a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5 % sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions unit addressed by this permit is a new 1,000 Horsepower Boiler, Emissions Unit I.D. -012.

The annual potential emissions associated with this project in tons per year are approximately: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43. 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

October 2, 2001	Received permit application (no application fee required)
October 2, 2001	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 Southwest District office at 3804 Coconut Palm Drive, Tampa, Florida 33619-8218, and phone number 813/744-6100.
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 of the Florida Statutes(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., and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297 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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southwest 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 Southwest 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 005) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted for emissions unit 005 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.]

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 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 Southwest 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 Southwest 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.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
012	New 1,000 Horsepower Boiler

[Note: This emissions unit is a process steam boiler that is installed to serve as a source of steam to meet citrus processing needs. This boiler is limited to one of a physical capacity of 38.5 MMBtu/hour or less, that fires natural gas and low sulfur No. 4 fuel oil (0.5% sulfur by weight). This emissions unit is subject to the requirements of the state rules as indicated in this permit. This emissions unit is subject to a determination of Best Available Control Technology pursuant to Rule 62-296.406, F.A.C. The fuel authorized by this permit is consistent with that BACT determination. This emissions unit is subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.]

STATE AND FEDERAL RULE REQUIREMENTS

OPERATIONAL REQUIREMENTS

1. Hours of Operation: This emissions unit may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]

2. Methods of Operation - (i.e., Fuels).

The permittee is authorized to burn only the following fuels in each of the boilers:

- a. Primary fuel: Natural gas.
- b. Standby fuel, No. 4 fuel oil with a maximum sulfur content of 0.5% S by weight or better grade (see Condition 22). Standby fuel, No. 4 fuel oil, may only be used during periods of natural gas supply curtailment. [Rules 62-210.200(PTE), 62-4.160(2), and 62-213.440(1), F.A.C.; and, 1050001-001-AV]

3. Capacity.

- a. The maximum total natural gas usage in all of the boilers (including insignificant boiler) shall not exceed 577.5 MMcf in any 12 consecutive month period.
- b. Maximum total No. 4 oil usage in all of the boilers shall not exceed 237,600 gallons in any 12 consecutive month period. [Rules 62-4.070(3), 62-210.200 and 62-296.406, F.A.C.; and, 1050001-001-AV]

[Note: This condition limits distillate fuel oil consumption to the equivalent of 240 hours per year.]

4. Visible Emissions Limited: Visible emissions from this emissions unit shall not exceed 20 percent opacity except for one two-minute period per hour during which opacity shall not exceed 40 percent. [Rule 62-296.406(1), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

5. Fuel Sulfur Content Tests: The owner or operator shall determine the sulfur content of each delivery of fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of specific condition 3 of this section. [Rules 62-4.070(3) and 62-297.440, F.A.C.]

6. Visible Emission Tests Required: The owner or operator shall demonstrate compliance with the visible emissions limit for this emissions unit upon initial installation and 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.]

REPORTING AND RECORD KEEPING REQUIREMENTS

7. Fuel Sulfur Content Records: The owner or operator shall maintain records of sulfur content of each delivery of distillate fuel oil received for these emissions units, made pursuant to the requirements of specific condition 5 of this section. [Rule 62-4.070(3), F.A.C.]
8. Distillate Fuel Oil Consumption Records: The owner or operator shall make and maintain monthly records of natural gas and distillate fuel oil consumption for this emissions unit. From the monthly records of consumption of all permitted fuels, the owner or operator shall make records of the consecutive 12-month fuel consumption to demonstrate compliance with the fuel consumption limits of specific condition 3 of this section. All of these records shall be completed within ten days of the end of each month. [Rule 62-4.070(3), F.A.C.]
9. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit. [Rule 62-296.810, F.A.C.; 40 CFR 60.48c(g) and (i)]
10. The permittee shall maintain a (daily) record of the quantity of fuel oil used for each day of operation. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(g) and 40 CFR 60.48c(i)]
11. The permittee shall submit the following written notifications to the Air Compliance Section of the Southwest District Office of the Department:
 - a. A notification of the date construction (or reconstruction as defined under 60.15) of the boiler is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
 - b. A notification of the anticipated date of initial startup of the boiler, postmarked not more than 60 days nor less than 30 days prior to such date.
 - c. A notification of the actual date of initial startup of the boiler, postmarked within 15 days after such date.
 - d. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14 (e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Administrator may request additional relevant information subsequent to this notice. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.7(a) and 40 CFR 60.48c(a)]

12. The permittee shall submit quarterly reports of the fuel oil supplier sulfur content certification records required by Condition 10 for any calendar quarter during which fuel oil is fired. In addition to the above, the quarterly report shall include a certified statement signed by the owner or operator of the facility that the records of the fuel supplier certifications submitted represent all of the fuel combusted during the quarter. The quarterly reports shall be submitted to the Air Compliance Section of the Southwest District Office of the Department within 30 days of the end of the quarter being reported. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(e)(11)]

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.

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

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.

- 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 (X);
 - (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.



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

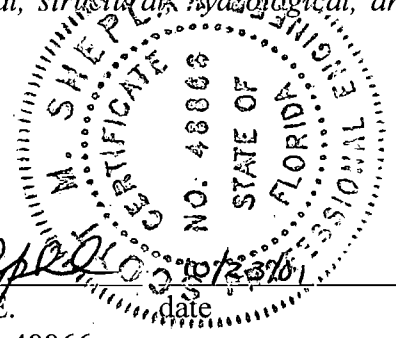
P.E. Certification Statement

Permittee:
Citrosuco North America, Inc.

Permit No.: 1050001-004-AC

Project type: Air Construction Permit for Replacement of Boiler No. 2

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

Scott M. Sheplak, P.E. date
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

Memorandum

Florida Department of Environmental Protection

TO: Clair Fancy
THRU: Scott Sheplak 
FROM: Edward Svec 
DATE: October 22, 2001
SUBJECT: Citrusuco, North America, Inc.
New 1,000 Horsepower Boiler

Attached for approval and signature is an intent to issue an air construction permit for replacement of the Lake Wales Plant's existing No. 2 boiler, a Johnson Company boiler, with a design rating of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour. The boiler was destroyed by dry firing and the replacement boiler will be identical in size and operational parameters to the existing unit. The boiler will be fired with natural gas or new No. 4 fuel oil with a maximum sulfur content of 0.50% by weight. Fuel oil use is restricted to 240 hours per year. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

This project is not subject to PSD because the associated emissions increases are not significant for PSD. Total emissions of pollutants from this project will not exceed the approximate annual emission rates in tons per year: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43.

I recommend your approval and signature.

October 22, 2001 is day 20 of the 90 day timeclock.

Attachments

/es

Application Routing and Transmittal Sheet - for 2 apps

Air Permitting Supervisor - Required Information for Project Setup by Admin			
Owner/(Facility Name, if needed): <u>Petrobraco</u>		Facility ID No.: <u>1050001</u>	
New Facility (Y/N): <u>N</u>	Relocatable (Y/N): <u>N</u>	Project Description:	
Project Name: <u>Boiler Replacement</u>			
Type/Subtype: <u>ACIE</u>	Received: <u>10/2/01</u>		
Fee Submitted: () correct () incorrect		Should Be \$ <u>0</u>	Override Reason (if needed):
Fee Checked By: <u>J. Russell</u>		Submitted \$ <u>0</u>	
Date: <u>10/9/01</u>		Needed/Refund \$ _____	

② AVφ2

Admin - Project Setup Information	
Project No. <u>004</u>	Initial ARMS Entry (Initials & Date): <u>JK 10/10/01</u>
Virus Scan Date: _____	

② 005 ← Project 005 temporarily deleted and will be reinstated after project 004 is issued. Left voice mail for Ken Miller explaining this. -JK 10/11/01

Air Permitting Supervisor - Application Information	
Application Assigned To: <u>Q NOOR</u>	Date: <u>10/11/01</u>
No. of Hardcopies: <u>1</u>	No. of Disks: _____
Confidential Information (Y/N): <u>N</u>	
Application Distribution (hardcopy/disk): DEP Engineer: <u>1</u> County: _____ Other: _____	

Air Permitting - Permit Transmittal (add initials & date completed)				
Project No.:	Intent/ Draft	Proposed (Title V Only)		Final
		Stage I	Stage II	
Engineer transmits permit to permit supervisor				
Permit supervisor transmits permit to DAPA				
DAPA transmits permit for issuance procedure				
Permit Package Mailed				
ARMS Events Entry				

RECEIVED
OCT 22 2001
BUREAU OF AIR REGULATION

Air Permitting Supervisor - Data Fields for Access System (add at final issuance)		
Owner (if different from above): _____		
Permit No.:	Issue Date:	Engineer:
Facility Description:		Source Description:
296:	MACT:	NSPS:
Fuels:	Control Equipment:	
Comments:		

Air Permitting - System Updates (add initials & date completed)
Engineer - Final Permit Copied (read only) to Air Common\Permits\Permit01\xxxx :
Engineer (Final Title V Permits only) - Zipped file copied to air common\permits\TV_zip\xxxx:
Engineer - ARMS Summary Screen (Title V draft permits and admin corrections):
Engineer - ARMS Inventory Data Entry:
Permit Secretary - Permit List Data Entry (Access 97):
Permitting Supervisor - copy of permit to compliance section ? Yes or No:



CITROSUCO North America, Inc.

Mr. Gerald J. Kissel, P.E.
Air Permitting Supervisor
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Dr.
Tampa, Florida 33619

October 1, 2001

D.E.P.
OCT 02 2001
Southwest District Tampa

RECEIVED

OCT 19 2001

RE: Citrosuco, Lake Wales Plant
Boiler Replacement Air Permit Renewal 1050001

BUREAU OF AIR REGULATION

Dear Mr. Kissel;

As we discussed I am attaching the Application for Air Permit – Title V Source for your review and approval.

We were considering this boiler replacement, due to the dry firing damage of the original permitted unit, as a like kind installation.

We greatly appreciate your assistance in expediting this permit renewal since our Installation timing is critical to the fast approaching Agricultural Season. This boiler is essential to our processing the fruit.

If you have any questions please contact our Engineer or me.

Sincerely;

Ken Miller

Cc. James A. Carnicelli, P.E., Ridge Professional Group w / attachment.



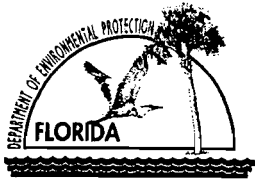
CITROSUCO North America, Inc.

863-651-7988 - Cell Phone

KEN MILLER
Safety & Compliance Director

5937 Highway 60 East
P.O. Box 3950
Lake Wales, FL 33859-3950

Telephone (863) 696-7400
Fax (863) 696-1092
E-Mail: kmiller@citrosuco.com



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

D.E.P.
OCT 02 2001
Southwest District Tampa

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Citrusuco North America, Inc.	
2. Site Name: Lake Wales Plant	
3. Facility Identification Number: 105001 <input type="checkbox"/> Unknown	
4. Facility Location: 5937 Highway 60, East Street Address or Other Locator: City: Lake Wales County: Polk Zip Code: 33898	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Name and Title of Application Contact: Nick Emanuel, C. O. O.	
2. Application Contact Mailing Address: Organization/Firm: Citrusuco North America, Inc. Street Address: 5937 Highway 60, East City: Lake Wales State: Florida Zip Code: 33898	
3. Application Contact Telephone Numbers: Telephone: (863) 696-7400 Fax: (863) 696-1092	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

- Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: _____

- Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: _____

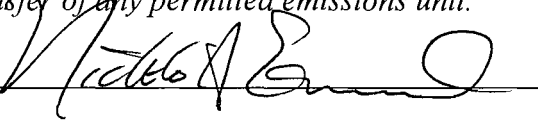
Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Nick Emanuel, C. O. O.
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Citrusuco North America, Inc. Street Address: 2937 Highway 60, East City: Lake Wales State: Florida Zip Code: 33898
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (863) 696 - 7400 Fax: (863) 696 - 1092
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [] , if so) or the responsible official (check here [] , if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i> _____ Signature  _____ Date <i>10/1/01</i>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: James A. Carnicelli, PE Registration Number: Florida 19727
2. Professional Engineer Mailing Address: Organization/Firm: Ridge Professional Group Inc. Street Address: 306 Pilaklakah Ave, Suite 2 City: Auburndale State: Florida Zip Code: 33823
3. Professional Engineer Telephone Numbers: Telephone: (863) 965 - 8821 Fax: (863) 965 - 9660

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

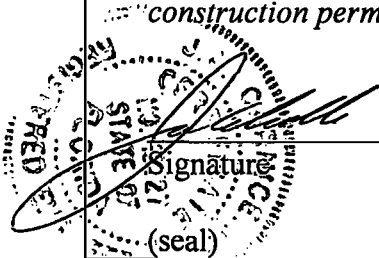
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [] , if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [X], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



Signature

Date

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
Boiler	Johnson 1000	Renewal	0

Application Processing Fee

Check one: Attached - Amount: \$ _____ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Replacement of existing permitted boiler with identical boiler unit. Existing boiler firebox will be utilized and modified controls installed to update safety systems.

2. Projected or Actual Date of Commencement of Construction: 10-1-01

3. Projected Date of Completion of Construction: 11-1-01

Application Comment

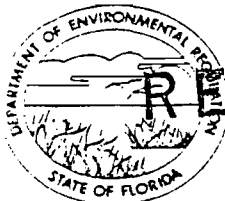
This replacement was necessitated due to control system shut down and dry firing in existing unit, which resulted in internal damage. Replacement shall be in like kind to original firebox, new control system and fuel supplied principally by natural gas with #4 diesel fuel backup.

758 00 Pd
6-16-84

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610-9544



RECEIVED
JUN 16 1988

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

RICHARD D. GARRITY, PH.D.
DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCE DER BAQM

D.E.P.
OCT 02 2001
Southwest District Tampa

SOURCE TYPE: BOILER - JOHNSTON 1000 New¹ Existing¹

APPLICATION TYPE: Construction Operation Modification

COMPANY NAME: ALCOMA PACKING COMPANY, INC. COUNTY: POLK

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired)

SOURCE LOCATION: Street 5 mi. East on S.R. 60 City Lake Wales

UTM: East 17 452.4 North 3085.5

Latitude ° ' "N Longitude ° ' "W

APPLICANT NAME AND TITLE: SAMUEL D. UPDIKE, Vice President

APPLICANT ADDRESS: P. O. Box 231 (5937 Hwy 60 East) Lake Wales, FL 33859-0231

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of ALCOMA PACKING COMPANY, INC.

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

*Attach letter of authorization

Signed: Samuel D. Updike

SAMUEL D. UPDIKE, VICE PRESIDENT
Name and Title (Please Type)

Date: 6/10/88 Telephone No. (813) 696-1487

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

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed Samuel D. Updike
SAMUEL D. UPDIKE

Name (Please Type)

ALCOMA PACKING COMPANY, INC.
Company Name (Please Type)

P. O. Box 231, LAKE WALES, FL 33859-0231
Mailing Address (Please Type)

Florida Registration No. 22652 Date: July 9, 1976 Telephone No. (813) 696-1487

SECTION II: GENERAL PROJECT INFORMATION

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

REPLACEMENT OF A JOHNSTON 600 HOP BOILER WITH A JOHNSTON SUPER 509 HIGH EFFICIENCY 1000 HP BOILER - CATALOG # PFTA 1000-4H-200. THIS UNIT SUPPLIES 34,000 LBS STEAM/HR TO CITRUS JUICE EVAPORATORS. THE OWNER WARRENTS THIS BOILER TO BE IN FULL COMPLIANCE WITH CAPTER 17-2 .

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

Start of Construction September 1, 1988 Completion of Construction October 31, 1988

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

N/A

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

THIS BOILER REPLACES AN 11-YEAR OLD JOHNSTON UNIT - FDER PERMIT AO 53-141141.

D.E.P.
OCT 02 2001
Southwest District Tampa

E. Requested permitted equipment operating time: hrs/day 20*; days/wk 6; wks/yr 25
 if power plant, hrs/yr 3000; if seasonal, describe: THE CITRUS PROCESSING SEASON VARIES
FROM 2000 TO 3000 HR/YR DEPENDING ON FRUIT SUPPLY. THE SEASON LASTS FROM NOVEMBER TO
JUNE. * (BOILER CAN OPERATE 24 HRS PER DAY, HOWEVER SEASON TOTAL \leq 3000 HRS.
PER YEAR.)

- F. If this is a new source or major modification, answer the following questions.
 (Yes or No)
- 1. Is this source in a non-attainment area for a particular pollutant? NO
 - a. If yes, has "offset" been applied? --
 - b. If yes, has "Lowest Achievable Emission Rate" been applied? --
 - c. If yes, list non-attainment pollutants. --
 - 2. Does best available control technology (BACT) apply to this source?
 If yes, see Section VI. YES
 - 3. Does the State "Prevention of Significant Deterioration" (PSD)
 requirement apply to this source? If yes, see Sections VI and VII. NO
 - 4. Do "Standards of Performance for New Stationary Sources" (NSPS)
 apply to this source? NO
 - 5. Do "National Emission Standards for Hazardous Air Pollutants"
 (NESHAP) apply to this source? NO
 - H. Do "Reasonably Available Control Technology" (RACT) requirements apply
 to this source? NO
 - a. If yes, for what pollutants? N/A
 - b. If yes, in addition to the information required in this form,
 any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-
 cation for any answer of "No" that might be considered questionable. N/A

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

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

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
STEAM			34,000	N/A

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

- Total Process Input Rate (lbs/hr): WATER 34,000 LBS/HR
- Product Weight (lbs/hr): STEAM 34,000 LBS/HR

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

(*) Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
SO ₂	51	67.6			152,000	76	N/A
NO*	11.8	17.7			35,400	17.7	
HYDROCARBONS	.34	.5			1,000	.5	
PARTICULATES	4.1	6.1			12,200	6.1	
CO	1.3	2.0			4,000	2.0	

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input).

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

(*) ESTIMATES BASED ON AP-42 INFORMATION

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
# 6 FUEL OIL	1680	2100 LB	38.0

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: 1.25% Percent Ash: 0.04

Density: 8.0 lbs/gal Typical Percent Nitrogen: .24

Heat Capacity: 18,750 AVG BTU/lb 150,000 BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

PARTICULATES, NOX, HYDROCARBONS, CARBON MONOXIDE

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

Annual Average _____ Maximum _____

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

BOILER BLOWN DOWN WATER WHICH IS DISCHARGED TO FDR LICENSED SPRAY FIELD.

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

Stack Height: 70 ft. Stack Diameter: 2.3 ft.
 Gas Flow Rate: 13,000 ACFM N/A DSCFM Gas Exit Temperature: 404 °F.
 Water Vapor Contents: 8.2 % Velocity: 57.67 FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

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

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: Cyclone Wet Scrubber Afterburner

Other (specify) _____

Brief description of operating characteristics of control devices:

N/A

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

BOILER BLOWDOWN IS DISCHARGED TO FDER LICENSED SPRAY FIELD

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration
SO ₂	
PARTICULATE BASED ON	
SO ₂ CONTENT AP-42	

D. Describe the existing control and treatment technology (if any).

- | | |
|---|------------------------------|
| 1. Control Device/System: REDUCED SULFUR FUEL | 2. Operating Principles: N/A |
| 3. Efficiency: * N/A | 4. Capital Costs: : N/A |

*Explain method of determining

5. Useful Life: N/A

6. Operating Costs: \$42,000/YR

7. Energy: None

8. Maintenance Cost: None

9. Emissions: SO₂

Contaminant

Rate or Concentration

SO₂

51 LB/HR

10. Stack Parameters

a. Height:	70	ft.	b. Diameter:	2.3	ft.
c. Flow Rate:	13,000	ACFM	d. Temperature:	404	°F.
e. Velocity:	57.67	FPS			

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- | | |
|--|--------------------------|
| a. Control Device: | b. Operating Principles: |
| c. Efficiency: ¹ | d. Capital Cost: |
| e. Useful Life: | f. Operating Cost: |
| g. Energy: ² | h. Maintenance Cost: |
| i. Availability of construction materials and process chemicals: | |
| j. Applicability to manufacturing processes: | |
| k. Ability to construct with control device, install in available space, and operate within proposed levels: | |

2.

- | | |
|--|--------------------------|
| a. Control Device: | b. Operating Principles: |
| c. Efficiency: ¹ | d. Capital Cost: |
| e. Useful Life: | f. Operating Cost: |
| g. Energy: ² | h. Maintenance Cost: |
| i. Availability of construction materials and process chemicals: | |

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

D.E.P.
OCT 02 2001
Southwest District Tampa

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.
²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(2) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION N/A

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent? [] Yes [] No
- b. Was instrumentation calibrated in accordance with Department procedures?
[] Yes [] No [] Unknown

B. Meteorological Data Used for Air Quality Modeling

- 1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year
- 2. Surface data obtained from (location) _____
- 3. Upper air (mixing height) data obtained from (location) _____
- 4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

- 1. _____ Modified? If yes, attach description.
- 2. _____ Modified? If yes, attach description.
- 3. _____ Modified? If yes, attach description.
- 4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

CALCULATION SHEET

AP-42 CALCULATIONS OF EMISSIONS
BASED ON 2100 LB PER HOUR (262 GAL PER HR)
3000 HOURS PER YEAR
INDUSTRIAL BOILER, 38 MM BTU/Hr, Residual Fuel
S = 1.25% Sulfur; N = .24% Nitrogen

1. SO₂ = 157 S lb/1000 gal

$$\frac{157 \times 1.25 \times 262}{1000} = \underline{51 \text{ lb/hr}}$$

$$\frac{51.42 \times 3000}{2000} = \underline{76 \text{ tons/yr}}$$

2. NO = 22 + 400N² lb/1000 gal

$$\frac{[22 + 400(.24)^2] 262}{1000} = \underline{11.8 \text{ lb/hr}}$$

$$\frac{11.8 \times 3000}{2000} = \underline{17.7 \text{ tons/yr}}$$

3. HYDROCARBONS (NonMethane + Methane) = .28 + 1.0 lb/1000 gal

$$\frac{(.28 + 1.0) \times 262}{1000} = \underline{0.34 \text{ lbs/hr}}$$

$$\frac{.33 \times 3000}{2000} = \underline{0.5 \text{ tons/yr}}$$

4. PARTICULATE = 10 S + 3 lb/1000 gal

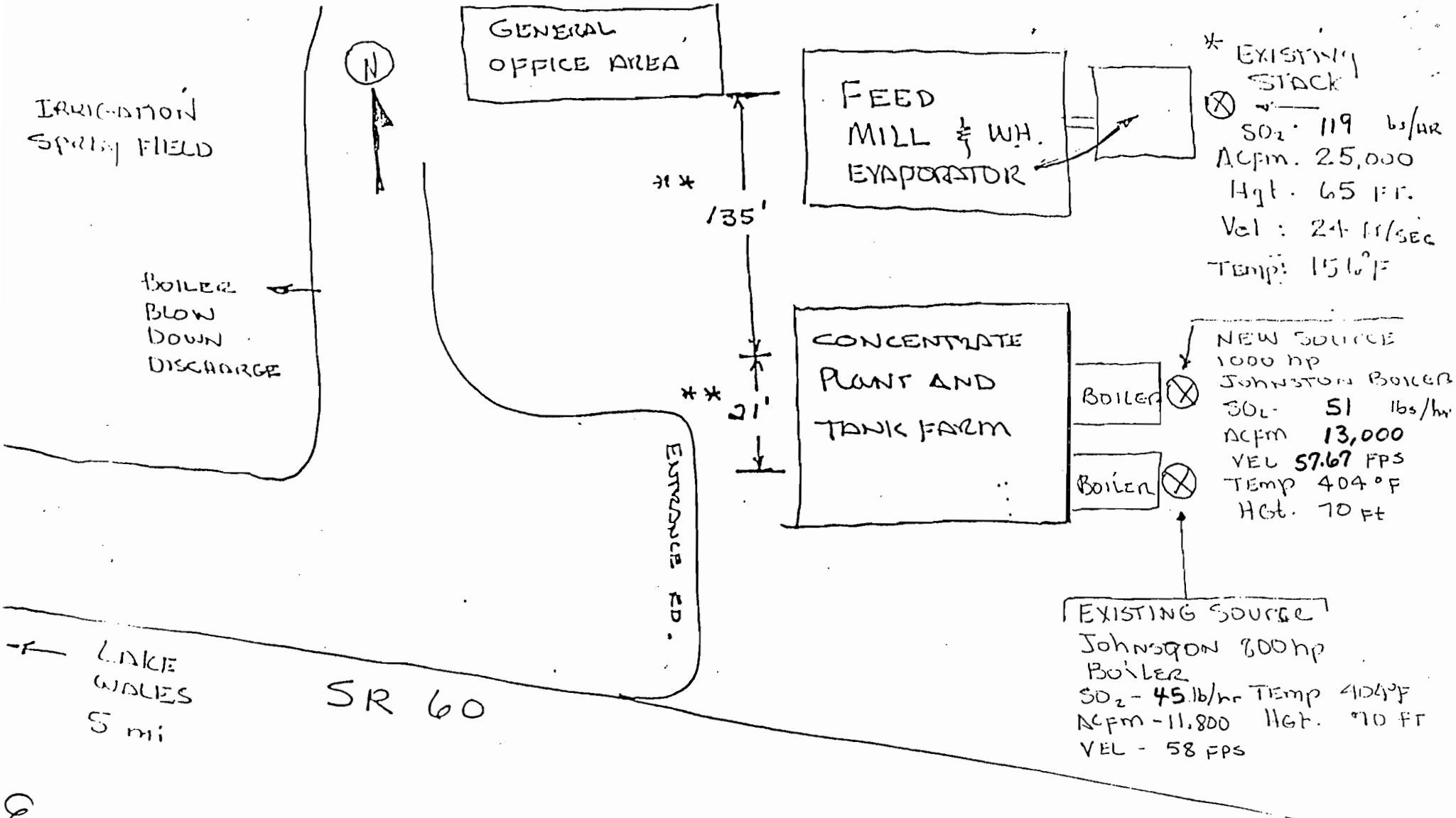
$$\frac{[(10 \times 1.25) + 3] 262}{1000} = \underline{4.1 \text{ lbs/hr}}$$

$$\frac{4.1 \times 3000}{2000} = \underline{6.1 \text{ tons/yr}}$$

5. CO = 5 lb/1000 gal

$$\frac{5 \times 262}{1000} = \underline{1.3 \text{ lb/hr}}$$

$$\frac{1.3 \times 3000}{2000} = \underline{2.0 \text{ tons/yr}}$$



* EXISTING STACK
 SO₂ 119 lbs/hr
 ACFM 25,000
 Hgt. 65 ft.
 Vel: 24 ft/sec
 Temp: 156°F

NEW SOURCE
 1000 hp
 JOHNSON BOILER
 SO₂ 51 lbs/hr
 ACFM 13,000
 VEL 57.67 FPS
 Temp 404°F
 Hgt. 70 ft

EXISTING SOURCE
 JOHNSON 800hp
 Boiler
 SO₂ - 45 lb/hr Temp 404°F
 ACFM - 11,800 Hgt. 70 FT
 VEL - 58 FPS

NOTES: BOTH EXISTING SOURCES OPERATE AT

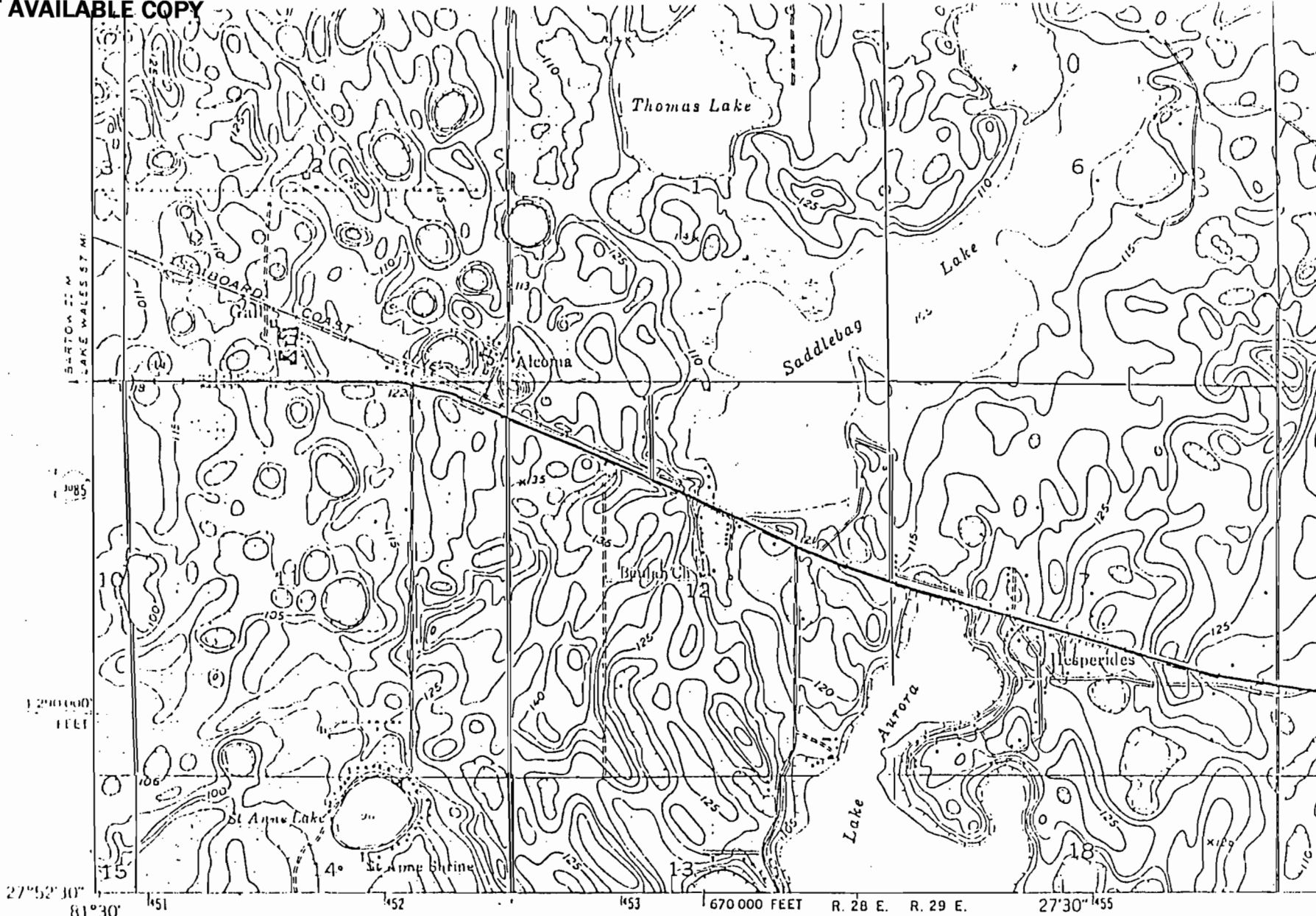
- 1320 lbs/hr @ 1.0% Sulfur
- 1320 lbs/hr @ 2.0% Sulfur

W.H. = WASTE HEAT EVAPORATOR

* 1985 FDER FEED MILL STACK TEST DATA
 ** DISTANCE BETWEEN STACKS - FT.

ALCOMA PACKING CO
 FACILITY LOCATION
 SR 60 LAKE WALES

001.2



022.3

Mapped by the U. S. Corps of Engineers
Edited and published by the Geological Survey

Control by USC&GS and USCE

Topography from aerial photographs by photogrammetric methods
and by plane-table surveys 1951. Aerial photographs taken 1950
Field check by the Geological Survey 1952

Polyconic projection. 1927 North American datum
10,000 foot grid based on Florida coordinate system,
west zone
1000 meter Universal Transverse Mercator grid ticks



BRASSON PAPER
4651 157

TABLE 1.3-1. UNCONTROLLED EMISSION FACTORS FOR FUEL OIL COMBUSTION

EMISSION FACTOR RATING: A

1.3-2

Boiler Type ^a	Particulate ^b Matter		Sulfur Dioxide ^c		Sulfur Trioxide		Carbon Monoxide ^d		Nitrogen Oxide ^e		Volatile Organics ^f Nonmethane		Methane	
	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal	kg/10 ³ l	lb/10 ³ gal
Utility Boilers														
Residual Oil	g	g	19S	157S	0.34S ^h	2.9S ^h	0.6	5	8.0 (12.6)(5) ⁱ	67 (105)(42) ⁱ	0.09	0.76	0.03	0.28
Industrial Boilers														
Residual Oil	g	g	19S	157S	0.24S	2S	0.6	5	6.6 ^j	55 ^j	0.034	0.28	0.12	1.0
Distillate Oil	0.24	2	17S	142S	0.24S	2S	0.6	5	2.4	20	0.024	0.2	0.006	0.052
Commercial Boilers														
Residual Oil	g	g	19S	157S	0.24S	2S	0.6	5	6.6	55	0.14	1.13	0.057	0.475
Distillate Oil	0.24	2	17S	142S	0.24S	2S	0.6	5	2.4	20	0.04	0.34	0.026	0.216
Residential Furnaces														
Distillate Oil	0.3	2.5	17S	142S	0.24S	2S	0.6	5	2.2	18	0.085	0.713	0.214	1.78

^aBoilers can be approximately classified according to their gross (higher) heat rate as shown below:

- Utility (power plant) boilers: >106 x 10⁹ J/hr (>100 x 10⁶ Btu/hr)
- Industrial boilers: 10.6 x 10⁹ to 106 x 10⁹ J/hr (10 x 10⁶ to 100 x 10⁶ Btu/hr)
- Commercial boilers: 0.5 x 10⁹ to 10.6 x 10⁹ J/hr (0.5 x 10⁶ to 10 x 10⁶ Btu/hr)
- Residential furnaces: <0.5 x 10⁹ J/hr (<0.5 x 10⁶ Btu/hr)

^bReferences 3-7 and 24-25. Particulate matter is defined in this section as that material collected by EPA Method 5 (front half catch).

^cReferences 1-5. S indicates that the weight % of sulfur in the oil should be multiplied by the value given.

^dReferences 3-5 and 8-10. Carbon monoxide emissions may increase by factors of 10 to 100 if the unit is improperly operated or not well maintained.

^eExpressed as NO₂. References 1-5, 8-11, 17 and 26. Test results indicate that at least 95% by weight of NO_x is NO for all boiler types except residential furnaces, where about 75% is NO.

^fReferences 18-21. Volatile organic compound emissions are generally negligible unless boiler is improperly operated or not well maintained, in which case emissions may increase by several orders of magnitude.

^gParticulate emission factors for residual oil combustion are, on average, a function of fuel oil grade, and sulfur content:

Grade 6 oil: 1.25(S) + 0.38 kg/10³ liter [10(S) + 3 lb/10³ gal] where S is the weight % of sulfur in the oil. This relationship is based on 81 individual tests and has a correlation coefficient of 0.65.

Grade 5 oil: 1.25 kg/10³ liter (10 lb/10³ gal)

Grade 4 oil: 0.88 kg/10³ liter (7 lb/10³ gal)

^hReference 25.

ⁱUse 5 kg/10³ liters (42 lb/10³ gal) for tangentially fired boilers, 12.6 kg/10³ liters (105 lb/10³ gal) for vertical fired boilers, and 8.0 kg/10³ liters (67 lb/10³ gal) for all others, at full load and normal (>15%) excess air. Several combustion modifications can be employed for NO_x reduction: (1) limited excess air can reduce NO_x emissions 5-20%, (2) staged combustion 20-40%, (3) using low NO_x burners 20-50%, and (4) ammonia injection can reduce NO_x emissions 40-70% but may increase emissions of ammonia. Combinations of these modifications have been employed for further reductions in certain boilers. See Reference 23 for a discussion of these and other NO_x reducing techniques and their operational and environmental impacts.

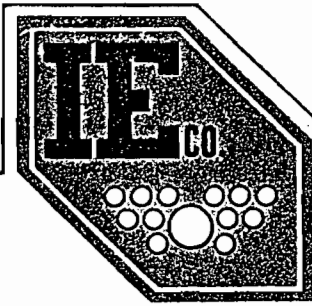
^jNitrogen oxides emissions from residual oil combustion in industrial and commercial boilers are strongly related to fuel nitrogen content, estimated more accurately by the empirical relationship:

kg NO₂/10³ liters = 2.75 + 50(N)² [1b NO₂/10³ gal = 22 + 400(N)²] where N is the weight % of nitrogen in the oil. For residual oils having high (>0.5 weight %) nitrogen content, use 15 kg NO₂/10³ liter (120 lb NO₂/10³ gal) as an emission factor.

EMISSION FACTORS

004

8/82



Industrial Engineering Co.

2407 JOHN YOUNG PARKWAY
ORLANDO, FLORIDA 32804
(407) 293-9317

FL WATS: 1-800-432-6304
NAT WATS: 1-800-325-5997
FAX: 1-407-290-2381

JUNE 10, 1988

ALCOMA PACKING
P. O. BOX 231
Lake Wales, FL 33853

ATTN: Mr. Sam Updike

SUBJECT: New Boiler Information

Dear Sam,

Regarding technical information on the new 1000 H.P. boiler for your DER operating permit, we are pleased to provide the following information.

Exhaust Gas Flow Rate - 13,000 ACFM
Exit Gas Temperature - 404°F.
Exhaust Gas Water Vapor Content - 8.2%
Exhaust Gas Velocity - 57.67 ft. per sec.

Regarding our Invoice #05520 on the steam recorder I agree that this should not be for your account. We paid the service technician to check out the unit, but inasmuch as it never did satisfactorily offer you any usable information, we agreed that you are not liable for this bill. We will credit it off the records. So, please disregard it.

Thank you for allowing us to submit the above information.

Sincerely,

DOUGLAS L. FILLMON
DLF/AFS

Att. 5

BEST AVAILABLE COPY

TO ADDRESS TO WHICH THIS SHIPMENT IS CONVEYED

CUSTOMER NAME OR OTHER PARTY TO BE NOTIFIED IN THE CASE OF THIS ISSUE OF THIS BILL OF LADING

NUMBER, DATE AND AMOUNT OF YOUR PAYMENT ADV.

UNOCAL 76

REFER YOUR PAYMENT TO

PO BOX 91946 CHICAGO IL 60693

INVOICE NUMBER	DATE	TRUCK NO.
11 6313	04/05/88	

COMMON CARRIER

SHIPPED FROM	SHIPPING POINT NUMBER	COLL/PPD	DISTRIBUTION CO.
TAMPA FL	9090	PPD	017

ALCOMA PACKING CO INC
PO BOX 231
LAKE WALES FL 33853

SHIP TO

SAME AS "SOLD TO" UNLESS NOTED

INCH 218	UNION ORDER NO. T-7918	ORDER DATE	CUSTOMER ORDER NO. T-7982	CONTRACT NO.	ITEM NO.
----------	------------------------	------------	---------------------------	--------------	----------

QUANTITY ORDERED		NO. OF PACKAGES SHIPPED	TICKET NO. PRODUCT CODE CL DETAIL	DATE	SHIPPED QUANTITY	PRICE	PRODUCT DESCRIPTION	AMOUNT
GROSS GALS. OR O. OF PACKAGES	NET GALS. OR TYPE OF CONTAINER							
	6444		116313 05906 09952022608		6444 6444	<i>ok</i> .3654 .00047	#6 LS RESIDUAL FUEL FLA POLLUTION TAX	2354. 3.
RECEIVED APR 14 1988						7870-60 1178.83 7870-50 1178.84	#252 4	

63288102-7218-5402

DATE BILLED 4/11/88

TERMS NO DISCOUNT ON CONTAINERS FREIGHT OR TAXES	IF PAID BY	DEDUCT DISCOUNT	INVOICE TOTAL	2357.
NET 30 DAYS - DUE	05/04/88			

NOTE: SEE DRUM & PALLET DEPOSIT TERMS ON REVERSE SIDE

STATE OF VIRGINIA LIABILITY FOR VIRGINIA MOTOR FUEL TAX ON GASOLINE ASSUMED BY UNION OIL COMPANY OF CALIFORNIA

THIS IS TO CERTIFY THAT UNION OIL COMPANY OF CALIFORNIA HAS UNDERTAKEN TO COMPLY FULLY WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF THE UNITED STATES AS TO ALL GOODS LISTED ON THIS INVOICE.

ORIGINAL

FORM 1-24-87 (REV. 11-85) PRINTED IN U.S.A.

ACKNOWLEDGEMENT: *Phonix Watch* DATE 4/15

Att. 7A

Best Available Copy

INVOICE NUMBER, DATE AND AMOUNT ON YOUR PAYMENT ADVICE.

UNOCAL 76

REFER YOUR PAYMENT TO

INVOICE NUMBER	DATE
11 6303	04/04/88

PO BOX 91946 CHICAGO IL 60693

CODE	CUSTOMER NUMBER	DIST.	TYPE	01, 02, 03 F.O.B. DESTINATION	04, 05, 06 F.O.B. SHIPPING POINT	TRUCK NO.
02	01279694	00	02			

SHIPMENT	SHIPPED FROM	SHIPPING POINT NUMBER	COLL/PPD	DISTRIBUTION
COMMON CARRIER	TAMPA FL	9090	PPD	017

ALCOMA PACKING CO INC
 PO BOX 231
 LAKE WALES FL 33853

SAME AS "SOLD TO" UNLESS NOTED

BRANCH	UNION ORDER NO.	ORDER DATE	CUSTOMER ORDER NO.	CONTRACT NO.	ITEM NO.
7218	T-7918		T-7982		

QUANTITY ORDERED		NO. OF PACKAGES SHIPPED	TICKET NO. PRODUCT CODE CL DETAIL	DATE	SHIPPED QUANTITY	PRICE	PRODUCT DESCRIPTION	AMOUNT
GROSS GALS. OR NO. OF PACKAGES	NET GALS. OR TYPE OF CONTAINER							
	6378		116303 05946 09952022608		6378 6378	.30 .00047	#6 HS RESIDUAL FUEL FLA POLLUTION TAX	191

Handwritten signature and initials

870-60 958.20
870-50 958.20

RECEIVED APR 1 1 1988
RECEIVED APR 1 2 1988

43288098-7218-5422	DATE BILLED 4/07/88	IF PAID BY	DEDUCT DISCOUNT	INVOICE TOTAL	191
TERMS NO DISCOUNT ON CONTAINERS FREIGHT OR TAXES	NET 30 DAYS - DUE 05/03/88				

NOTE: SEE DRUM & PALLET DEPOSIT TERMS ON REVERSE SIDE

STATE OF VIRGINIA LIABILITY FOR VIRGINIA MOTOR FUEL TAX ON GASOLINE ASSUMED BY UNION OIL COMPANY OF CALIFORNIA	THIS IS TO CERTIFY THAT UNION OIL COMPANY OF CALIFORNIA HAS UNDERTAKEN TO COMPLY FULLY WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF THE UNITED STATES AS TO ALL GOODS LISTED ON THIS INVOICE.
--	---

ORIGINAL

att. 7B

10/19/01
Friday

1000 HP BOILER No. 2 (E.U. ID # 004)

EMISSION CALCULATIONS

General

The 1000 HP boiler got burnt out and need to be replaced with a similar boiler.

Parameters

Fuel	Natural Gas
Emergency standby fuel	No. 4 fuel oil, 0.5% S
Operating hours	4000 hours
Maximum hours on oil	240 hours

Potential Emissions

The potential calculations are calculated based on the 4000 operating hours total broken down to 240 hours (10 days) on oil and 3760 hours on natural gas. Oil will be used only if the natural gas supply is interrupted.

Gas Emission Factors

BOILERS	Parameter	Emission Factor	Reference
	Particulates	7.6 #/mmcf	AP42-1.4-1
	Sulfur dioxide	0.6 #/mmcf	AP42-1.4-1
	Nitrogen Oxide	100 #/mmcf	AP42-1.4-1
	Carbon Monoxide	84 #/mmcf	AP42-1.4-1
	VOC	5.5 #/mmcf	AP42-1.4-1

Potential Emissions - Natural Gas

1000 HP Boiler @ 40,500 cfh and @ 3,760 hours/year = 152.3 mmcf

PM: 152.3 mmcf x 7.6 #/mmcf x tons/2000 = 0.58 tons

SO2: 152.3 mmcf x 0.6 #/mmcf x tons/2000 = 0.05 tons

NO: 152.3 mmcf x 100 #/mmcf x tons/2000 = 7.6 tons

CO: 152.3 mmcf x 84 #/mmcf x tons/2000 = 6.4 tons

VOC: 152.3 mmcf x 5.5 #/mmcf x tons/2000 = 0.42 tons

Oil Emission Factors

BOILERS	Parameter	Emission Factor	Reference
	Particulates	7 #/1000 gal	AP42 1.3-1
	SO2	75 #/1000 gal	AP42 1.3-1
	NO	20 # /1000 gal	AP42 1.3-1
	CO	5 #/1000 gal	AP42 1.3-1
	VOC	0.25/1000 gal	AP42 1.3-1

Potential Emissions - No. 4 Oil with 0.5% S

1000 HP Boiler, 270 gallons per hour, @ 240 hours/year = 64,800 gallons of No. 4 Oil with 0.5 % S.

PM: 64,800 gals x 7 #/1,000 gals x tons/2,000 = 0.22t
 SO2: 64,800 gals x 75 #/1,000 gals x tons/2,000 = 2.43t
 NOx 64,800 gals x 20 #/1,000 gals x tons/2,000 = 0.65t
 CO 64,800 gals x 5 #/1,000 gals x tons/2,000 = 0.162t
 VOC 64,800n gals x 0.25 #/1,000 gals x tons/2,000 = 0.01t

Proposed Emission Summary

Parameters	Boilers TPY (4000 Hrs)
PM	0.8
SO2	2.5
NO	8.25
CO	6.6
VOC	0.43

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Nick Emanuel
 Chief Operating Officer
 Citrusuco North America, Inc.
 P.O. Box 3950
 Lake Wales, Florida 33898-3950

COMPLETE THIS SECTION ON DELIVERY

- A. Received by (Please Print Clearly) Forrest Lingenfelter B. Date of Delivery 2/5/02
- C. Signature X Forrest Lingenfelter Agent Addressee
- D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Copy from service label)

7000 0520 0020 9371 2608

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 9371 2608
 Mr. Nick Emanuel

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
 Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

Mr. Nick Emanuel
 Street, Apt. No.; or PO Box No.
 P.O. Box 3950
 City, State, ZIP+4
 Lake Wales, Florida 33898-3950

PS Form 3800, February 2000

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Received by (Please Print Clearly) B: Date of Delivery <i>Forrest Lingard Jr</i> 11/28/01</p> <p>C. Signature <input checked="" type="checkbox"/> <i>Forrest Lingard Jr</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Mr. Nick Emanuel, C.O.O. Citrosuco North America, Inc. P.O. Box 3950 Lake Wales, Florida 33898-3950</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Copy from service label) 7000 0520 0020 9371 1809</p>	
<p>PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952</p>	

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Mr. Nick Emanuel, C.O.O.

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

7000 0520 0020 9371 1809

Recipient's Name (Please Print Clearly) (To be completed by mailer)
Mr. Nick Emanuel, C.O.O.
Street, Apt. No., or PO Box No.
P.O. Box 3950
City, State, ZIP+4
Lake Wales, Florida 33898-3950

PS Form 3800, February 2000 See Reverse for Instructions

AFFIDAVIT OF PUBLICATION

News Chief

Published Daily

STATE OF FLORIDA
COUNTY OF POLK

Before the undersigned personally appeared **Mary Tibado** who on oath says that she is **Business Manager** of the News Chief, a newspaper published at Winter Haven, in Polk County, Florida; that the attached copy of advertisement, being **Notice of Intent/DEP#1050001-004-AC** in the matter **Citrusuco North America, Inc.** in the Circuit Court, was published in said newspaper in the issue of **October 25, 2001**.

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

Signed *Mary Tibado*
Sworn to and subscribed before me this **25th** day of **October** A.D. 2001 by **Mary Tibado** who is personally known to me or who has produced (_____) as identification.

Notary Public



Lynda Wilkerson
My Commission **CC761668**
Expires **July 22, 2002**

My Commission Expires: _____

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEP File No. 1050001-004-AC
Citrusuco North America, Inc.
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Citrusuco North America, Inc., for its existing citrus juice processing facility located at 5937 Highway 60, Lake Wales, Polk County. The applicant's mailing address is: P.O. Box 3950, Lake Wales, Florida 33859-3950. The project is an air construction permit for a replacement to the existing No. 2 boiler, a 1,000 horsepower Johnson boiler, which was damaged during a dry firing. This boiler, Emissions Unit 1.D-004, has a design rate of 34,000 pounds per hour steam and a design heat input rate of 38.5 MMBtu per hour, at the Lake Wales facility. The applicant states that the replacement boiler will have the same design capacity, use the same fuel (natural gas primary fuel with 0.5% sulfur, by weight, No. 4 fuel oil standby fuel) and design heat input rate of the old boiler. The applicant did not seek any relation in currently enforceable conditions for its other existing emissions units. This project is not subject to the requirements for PSD. An air quality impact analysis was not required.

Total emissions of pollutants from the changes authorized by this permit will not exceed the following approximate annual emission rates in tons per year: PM, 0.80; SO₂, 2.93; NO_x, 8.25; CO, 6.56; VOC, 0.43.

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 proposal 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 of the 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 each 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 which 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 Southwest District 3804 Coconut Palm Drive Tallahassee, Florida 32318 Telephone: 813/744-6100
---	---

The complete project file includes the application, technical evaluations, 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 Administrator, Title V Section, or 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.

Published: October 25, 2001

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Nick Emanuel
 C.O.O.
 Citrosuco North America, Inc.
 P.O. Box 3950
 Lake Wales, Florida 33898-3950

2. Article Number (Copy from service label)

7000 0520 0020 9371 1687

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

FORREST LINGENFELTER

B. Date of Delivery

10/29/01

C. Signature

X Forrest Lingenfelter

Agent

Addressee

D. Is delivery address different from item 1?

Yes

If YES, enter delivery address below:

No

3. Service Type

Certified Mail Express Mail

Registered

Return Receipt for Merchandise

Insured Mail

C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

7000 0520 0020 9371 1687

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

Mr. Nick Emanuel

Postage \$

Certified Fee

Return Receipt Fee
 (Endorsement Required)

Restricted Delivery Fee
 (Endorsement Required)

Total Postage & Fees \$

Postmark
 Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

Mr. Nick Emanuel

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

P.O. Box 3950

City, State, ZIP+4

Lake Wales, Florida 33898-3950

PS Form 3800, February 2000

See Reverse for Instructions

 **CITROSUCO** North America, Inc.

Mr. Gerald J. Kissel, P.E.
Air Permitting Supervisor
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Dr.
Tampa, Florida 33619

October 1, 2001

D.E.P.
OCT 02 2001
Southwest District Tampa

RECEIVED

OCT ²²~~19~~ 2001

RE: Citrosuco, Lake Wales Plant
Boiler Replacement Air Permit Renewal 1050001

BUREAU OF AIR REGULATION

Dear Mr. Kissel;

As we discussed I am attaching the Application for Air Permit – Title V Source for your review and approval.

We were considering this boiler replacement, due to the dry firing damage of the original permitted unit, as a like kind installation.

We greatly appreciate your assistance in expediting this permit renewal since our Installation timing is critical to the fast approaching Agricultural Season. This boiler is essential to our processing the fruit.

If you have any questions please contact our Engineer or me.

Sincerely;

Ken Miller

Ken Miller

Cc. James A. Carnicelli, P.E., Ridge Professional Group w / attachment.

 **CITROSUCO** North America, Inc.

863-651-7988 - Cell Phone

KEN MILLER
Safety & Compliance Director

5937 Highway 60 East
P.O. Box 3950
Lake Wales, FL 33859-3950

Telephone (863) 696-7400
Fax (863) 696-1092
E-Mail: kmiller@citrosuco.com

5937 Highway 60 East / P.O. Box 3950
Lake Wales, Florida 33859-3950
Tel: 863-696-7400 Fax: 863-696-1092

1000 Ferry Road
Wilmington, Delaware 19801
Tel: 302-652-8763 Fax: 302-652-3607