

## Final Determination

The permit modification to increase the allowable steam production for the three gas-fired 175 MMBtu per heat input package boilers at Stone Container Corporation in Jacksonville, Duval County, Florida, was distributed on September 28, 1995. The Notice of Intent to Issue was published in the Florida Times Union on October 13, 1995. Copies of the evaluation were available for public inspection at the Department offices in Jacksonville and Tallahassee.

No comments were submitted by the public, National Park Service, U.S. Environmental Protection Agency or the applicant.

The final action of the Department will be to issue the PSD permit (PSD-FL-198A) as proposed.



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

December 8, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. John L. West  
Stone Container Corporation  
9469 East Port Road  
Jacksonville, Florida 32229

Dear Mr. West:

RE: Request for Permit Modification  
Stone Container Corporation (Formerly Seminole Kraft Corp.)  
AC16-222359, PSD-FL-198 (A); Duval County

The Department received your requests of June 15 and August 9, 1995, to modify the above referenced construction permit by maximizing steam generation from the three boilers, and increasing the hourly and annual nitrogen oxides (NO<sub>x</sub>) emission rate for each boiler based on 0.2 lb/MMBtu and the maximum allowable heat input rate. The modification, which also extends the expiration date of the construction permit referenced above, is as follows:

Permit No. AC16-222359, PSD-FL-198 (A), Stone Container Corporation.

Current Expiration Date: August 31, 1995

New Expiration Date: April 1, 1996

The Department is also modifying the specific conditions as follows:

1. The construction and operation of these sources shall be in accordance with the capacities stated in the Revised Technical-Evaluation-and-Preliminary-Determination application dated June 1995.
2. The packaged package boilers may be operated continuously (8760 hrs/yr).
3. The maximum heat input rate to each boiler shall neither exceed 174.7 MMBtu/hr while firing natural gas nor 164.5 MMBtu/hr while firing No. 2 fuel oil.

Mr. John L. West  
December 8, 1995  
Page Two

4. In accordance with the terms of the Cedar Bay Cogeneration Project (CBCP) site certification, Stone Container Corporation (SCC) is limited to producing 375,000 lbs/hr of steam from its three package boilers.
- 3- 5. The maximum allowable NO<sub>x</sub> emissions shall not exceed 0.2 lb/MMBtu, ~~23-6~~ 34.94 lbs/hr and ~~103-4~~ 153.1 tons/yr per boiler. The total NO<sub>x</sub> emissions from the three package boilers, in accordance with the terms of the CBCP site certification, shall not exceed 310 tons per year.
4. 6. The three packaged package boilers are permitted to fire both natural gas and No. 2 fuel oil, with the primary fuel being natural gas. The sulfur content of the No. 2 fuel oil shall not exceed 0.05 percent, by weight. Any delivery of No. 2 fuel oil shall be accompanied by a laboratory analysis quantifying the density and percent sulfur, by weight. Annual SO<sub>2</sub> emissions from No. 2 fuel oil firing, totaling all three boilers, shall not exceed 25 tons/year. In the event that the ceiling for SO<sub>2</sub> is expected to be exceeded due to unavailability of natural gas caused by factors beyond the control of SKE SCC, SKE SCC shall notify the Department that it anticipates exceeding the ceiling as provided herein; and, the emissions of SO<sub>2</sub> during the period of such curtailment shall not be counted against the yearly emissions ceiling of 25 tons unless administrative proceedings result in a finding that the exceedance was within SKE's SCC's control. In no event shall the total annual emissions of SO<sub>2</sub> from the three steam boilers exceed 41 tons/year. The notice shall include a statement or reasons for the request and supporting documentation, and shall be published by SKE SCC, without supporting documents, in a newspaper of general circulation in Jacksonville, Florida, as defined in Section 403.5115(2), F.S. The filing and publication of the notice no later than 7 days following the date of exceedance, shall preclude any finding of violation by the Department until final disposition of any administrative proceedings.
5. 7. Visible emissions (VE) shall not exceed 5 percent(%) opacity during natural gas firing and 10% opacity during fuel oil firing.
6. 8. In accordance with the requirements of 40 CFR 60.48b(b), a continuous emission monitoring system (CEMs) for nitrogen oxides shall be installed, operated, and maintained. Also,

Mr. John L. West  
December 8, 1995  
Page Three

the natural gas, fuel oil and steam flows (both from the packaged package boilers and from the CBCP facility) shall be metered and continuously recorded. The data shall be logged daily and maintained so that it can be provided to the Department upon request.

7. 9. Before this construction permit expires, each packaged package boiler shall be tested and monitored for compliance with the emission limits in Specific Conditions No. 5, 6 and 7. Compliance tests for NO<sub>x</sub> shall be conducted in accordance with 40 CFR 60.46b(e) ~~(3)~~ (4). Compliance with SO<sub>2</sub> limits shall be in accordance with 40 CFR 60.49b(r), and a stoichiometric quantification for SO<sub>2</sub> emissions shall be utilized using the actual density and sulfur weight percent and the quantity of fuel oil fired monthly. Compliance with visible emission limits shall be demonstrated initially and annually in accordance with EPA Method 9.
8. 10. The Department's Northeast District office and the RESD (City of Jacksonville's Regulatory and Environmental Services Department) office shall be notified at least 15 days prior to the compliance tests. Compliance test results shall be submitted to the Department's Northeast District and Bureau of Air Regulation offices and the RESD office within 45 days after completion of the tests. Sampling facilities, methods and reporting shall be in accordance with 40 CFR 60.49b, F.A.C Rule ~~17-2-700~~ Chapter 62-297 and 40 CFR 60, Appendix A.
9. 11. The following ~~Seminole-Kraft-Corporation-(SKE)~~ SCC sources shall be permanently shut down and made incapable of operation: the No. 1 PB (power boiler), the No. 2 PB, the No. 3 PB, the No. 1 BB (bark boiler) and the No. 2 BB; and, SKE SCC shall turn in their operation permits to the Department's Bureau of Air Regulation, within 30 days of written confirmation by the Department of the successful completion of the initial compliance tests on the Cedar Bay Cogeneration Plant's boilers. The RESD office shall be specifically informed in writing within thirty days after each individual shut down of the above referenced equipment.
10. 12. 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. (Rule ~~17 62-4.090~~ F.A.C.)
11. 13. If Florida is granted interim or full approval for the Title V operation permit program prior to January 1, 1996, this condition is negated. An application for an operation

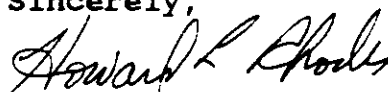
Mr. John L. West  
December 8, 1995  
Page Four

permit must be submitted to the Department's Northeast District office and the RESD office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit. (Rules ~~17~~ 62-4.055 and ~~17~~ 62-4.220, F.A.C.)

12. 14. Pursuant to 40 CFR 60.49b(r), quarterly reports shall be submitted to the RESD office (i.e., Administrator) certifying that only very low sulfur oil (i.e.,  $\leq 0.05\%$  sulfur, by weight) meeting this definition was combusted in the affected facility during the preceding quarter. The firing of any fuel oil and its associated SO<sub>2</sub> emissions shall be quantified on a monthly and per boiler basis and submitted to the RESD office by the end of the month following the end of each quarter. The quarters are defined as January-March, April-June, July-September and October-December; also, and per boiler, the final quarterly report shall include the total amount of the fuel oil fired and the quantified associated SO<sub>2</sub> emissions ~~from~~ for the year.

A copy of this letter shall be attached to the above mentioned permit, AC16-222359, PSD-FL-198 (A), and shall become a part of the permit.

Sincerely,



Howard L. Rhodes, Director  
Division of Air Resources  
Management

HLR/sa/t

cc: C. Kirts, NED  
S. Pace, RESD  
J. Harper, EPA  
J. Bunyak, NPS  
S. Shirley, OHF&C

Additional Distribution List

Doug Roberts, Esq.  
Hopping, Green, Sams & Smith  
Post Office Box 6526  
Tallahassee, Florida 32314

Jim Antista, General Counsel  
Florida Game & Fresh Water  
Fish Commission  
620 S. Meridian Road  
Tallahassee, Florida 32399-1600

David Russ, Esq.  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

Earl M. Barker, Esq.  
Slott & Barker  
334 East Duval Street  
Jacksonville, Florida 32302

Lawrence N. Curtin, Esq.  
Holland & Knight  
Post Office Drawer 810  
Tallahassee, Florida 32302

Gregory K. Radlinski, Esq.  
City of Jacksonville  
600 City Hall  
220 E. Bay Street  
Jacksonville, Florida 32202

Nancy B. Barnard, Esq.  
St. Johns River Water  
Management District  
Post Office Box 1429  
Palatka, Florida 32178-1429

Rob Vandiver, General Counsel  
Mike Palecki, Esq.  
Bureau of Electric & Gas  
Florida Public Service Comm.  
101 E. Gaines Street  
Tallahassee, Florida 32399-0850

James A. Heard, Esq.  
4741 Atlantic Blvd., Suite C  
Jacksonville, Florida 32207

Lisa B. Cooper, Esq.  
Margol & Pennington  
76 Laura Street  
Jacksonville, Florida 32202

Florida Department of  
**Environmental Protection**

Memorandum

TO: Howard Rhodes

THRU: Clair Fancy  
Al Linero *Approved*

FROM: Syed Arif *SA*

DATE: December 7, 1995

SUBJ: Approval of Construction Permit Modification  
AC16-222359, PSD-FL-198A  
Stone Container Corporation (Formerly Seminole Kraft Corp.)

Attached for your approval and signature is a modification to a construction permit prepared by the Bureau of Air Regulation for Stone Container Corp. The purpose of this modification is to allow the facility to increase its steam production, but still restrict the total NO<sub>x</sub> emissions from the three boilers to the level prescribed in the conditions of certification for the Cedar Bay Cogeneration Project. The facility uses natural gas as fuel. The modification also extends the expiration date of the construction permit. The final determination is being copied to all interested parties that were involved in the original PSD permit process for the Cedar Bay and Seminole Kraft facilities.

This modification is recommended for your approval and signature.

HLR/sa/a

Attachment

Janice B. Kelly  
Legal Advertising Representative

# The Florida Times-Union

One Riverside Ave./ P.O. Box 1949  
Jacksonville, Florida 32231  
(904) 359-4170  
WATS 1-800-472-6397  
FAX (904) 359-4180

RECEIVED

OCT 20 1995

BUREAU OF  
AIR REGULATION

## FLORIDA PUBLISHING COMPANY

Publisher

JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }  
COUNTY OF DUVAL }

Before the undersigned authority personally appeared \_\_\_\_\_

Janice B. Kelly

who on oath says that he

Legal Advertising Representative of The Florida Times-Union

a daily newspaper published at Jacksonville in Duval County, Florida; that the

attached copy of advertisement, being a Legal Notice

in the matter of Permit Modification

PSD-FL-198 (A)

in the \_\_\_\_\_ Court,

was published in THE FLORIDA TIMES-UNION in the issues of \_\_\_\_\_

October 13, 1995

Affiant further says that the said The Florida Times-Union is a newspaper published at Jacksonville, in said Duval County, Florida, and that the said newspaper has heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval County, Florida, for a period of one year next preceeding 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.

Sworn to and subscribed before me  
this 13 day of

October, A.D. 1995

Vera Janie Likens  
Notary Public,  
State of Florida at Large.

VERA JANIE LIKENS

My Commission # CO 222556 EXPIRES

June 1, 1996

BONDED THRU TROY FAH INSURANCE, INC.

DA 444

### State of Florida Department of Environmental Protection Notice of Intent to Issue Permit Modification PSD-FL-198 (A)

The Department of Environmental Protection gives notice of its intent to issue a permit modification to Stone Container Corporation (SCC), 9469 East Port Road, Jacksonville, Florida 32229 to increase allowable steam production to the maximum capacity of 375,000 lbs/hr from three previously permitted gas-fired package boilers which provide a portion of the steam needed to operate the company's recycled fiber paper mill in Jacksonville, Florida. This increase is provided as per the language of the final order modifying the conditions of certification for the Cedar Bay Cogeneration Project dated May 11, 1993. The final order includes limits applicable to SCC on the NOx emissions to 310 tons per year for steam production of up to 375,000 lbs/hr. The present emission limit for NOx at SCC (previously known as Seminole Kraft) is 310 tons per year, and will remain unchanged. This change will not cause or contribute to a violation of any air pollution standard.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes (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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57 Florida Statutes.

The Petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and, (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28.5.207, Florida Administrative Code.

The application/request 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:

Department of Environmental Protection  
Bureau of Air Regulation  
211 S. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Department of Environmental Protection  
Northeast District  
Suite 200B  
2825 Baymeadows Way  
Jacksonville, Florida 32256-7577

Any person may send written comments on the proposed action to: Administrator, New Source Review Section, Bureau of Air Regulation, Department of Environmental Protection, Mail Station 5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. All comments received within 30 days of the publication of this notice will be considered in the Department's final determination.

Further, a public hearing can be requested by any person(s). Such request must be submitted within 30 days of this notice.