

Golder Associates Inc.

6241 NW 23rd Street, Suite 500
Gainesville, FL 32653-1500
Telephone (352) 336-5600
Fax (352) 336-6603



January 29, 2001

RECEIVED 0037629
JAN 30 2001
BUREAU OF AIR REGULATION

Florida Department of Environmental Protection
New Source Review Section
2600 Blair Stone Road
Tallahassee, FL

Attention : Jeffery Koerner, P.E.

RE: United States Sugar Corporation (U.S. Sugar) – PSD Permit Application for Boiler No. 4 and the Sugar Refinery at the Clewiston Mill
Draft Permit No. 0510003-010-AC; PSD-FL-272A

Dear Mr. Koerner:

United States Sugar Corporation (U.S. Sugar) has received and commented on the draft permit for the above referenced project issued by the Florida Department of Environmental Protection. Based on our subsequent discussions on the draft permit, the following clarifications to our previous comment letter are provided.

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In regards to Condition 8.c., U. S. Sugar does not wish to make any changes to the current wording of this condition related to the minimum scrubber water flow rate.

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Condition 7.b(1): Based on our discussions, the wording in the draft permit regarding Boiler No. 7 operation during the off-season will be revised to read as follows:

"Operation of Boiler No. 7 shall be operated to the greatest extent possible during the off-season, taking into account operating efficiency, steam demands, and boiler availability due to maintenance."

Your concern over U. S. Sugar's intentions is acknowledged. It is U. S. Sugar's intention to use Boiler No. 7 during the off-season whenever the boiler is available and steam demands are sufficient, since it is a more efficient boiler. However, at lower steam demands during the off-season, when only the sugar refinery is operating, steam needs may not be great enough to justify using Boiler No. 7 (i.e., steam demand is less than about 75 percent of Boiler No. 7 design rate).

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As described in our November 17th submittal, refinery sources S-13, S-14 and S-15 (three sugar silos) and S-16 (powdered sugar/starch bins) have not yet been constructed. The current schedule is that construction would begin on these sources within the next two years. These are very small sources of PM/PM10 emissions, amounting to a total of 1.33 TPY. It is requested that the construction permit be extended for these sources to allow construction of these sources under this new schedule.

Thank you for consideration of these additional comments. Please call or e-mail me if you have any additional questions concerning this information.

Sincerely,
Golder Associates Inc.

David A. Buff

David A. Buff, P.E., Q.E.P.
Principal Engineer
Florida P.E. #19011
SEAL

DB/arz

Attachments

cc: Don Griffin
Bill Wehrum
C. Holladay
D. Knowles, SD
EPA
WPS

UNITED STATES SUGAR CORPORATION

Post Office Box 1207 • Clewiston, Florida 33440-1207
Telephone 941/983-8121

January 3, 2001

RECEIVED

JAN 04 2001

BUREAU OF AIR REGULATION

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

RE: United States Sugar Corporation, Clewiston Sugar Mill, Hendry County
Draft Permit Modifications No. 051-003-010-AC and No. PSD-FL-272A)
Extension of Operating Season for Bagasse Boiler No. 4

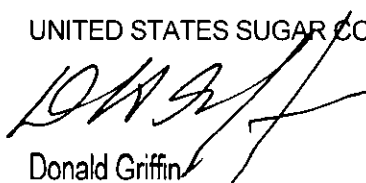
Attention: C. H. Fancy, P.E.
Chief, Bureau of Air Regulation

Gentlemen:

We are enclosing the Affidavit of Publication certifying that the "Public Notice of Intent to Issue Air Construction Permit" was duly published in the legal section of the December 27, 2000 issue of *THE CLEWISTON NEWS*.

Sincerely,

UNITED STATES SUGAR CORPORATION



Donald Griffin
Project Manager, Specialty Sugar

DG:kcb
Enclosure

cc: South Florida District, FDEP
David Buff, Golder Associates
William A. Raiola, USSC
Tony Yacaman, USSC
Lisa Gefen, USSC
Peter Briggs, USSC

D. Kozmen
C. Halladay
EPA
NPS

The Clewiston News

Published Weekly Clewiston, Florida

AFFIDAVIT OF PUBLICATION

State of Florida
County of Hendry

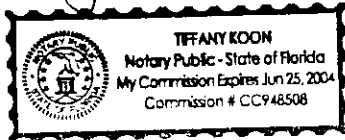
Before the undersigned authority, personally appeared Katrina Elskan, who on oath says she is the Executive Editor of the Clewiston News, a weekly newspaper published at Clewiston in Hendry County, Florida, that the attached copy of advertisement, being a

Public Notice in
the matter of Intent to Issue Air Construction
Permit, DEP File No. 051003-010-AC
Permit No. PSD-FL-272A in the
_____ court, was published in
said newspaper in the issues of December 27, 2000

Affiant further says that the said Clewiston News is a newspaper published at Clewiston, in said Hendry County, continuously published in said Hendry County, Florida, each week, and has been entered as a second class mail matter at the post office in Clewiston, in said Hendry County, Florida, for a period of one year next preceding the first publication 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 the said newspaper.

Katrina Elskan
Sworn to and subscribed before me this 27th day
of December, A.D. 2000

Tiffany Koon
Notary Public



Lynn Pivrig

PUBLIC NOTICE OF INTENT TO ISSUE

AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 051003-010-AC
Permit NO. PSD-FL-272A

U.S. Sugar Corporation
Clewiston Sugar Mill and Refinery
Hendry County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to the U.S. Sugar Corporation for the Clewiston Sugar Mill and Refinery located at W.C. Owens Avenue and State Road 832 in Hendry County, Florida. The applicant's Authorized Representative is Murray T. Brinson, Vice President of U.S. Sugar Corporation. The mailing address is 111 Ponce DeLeon Avenue, Clewiston, FL 33440.

The proposed project restores authorization to fire fuel oil containing up to 2.5% sulfur by weight. This authorization was lost in original Permit No. PSD-FL-272 because the supporting Air Quality Analysis was based on increased stack heights and a lower fuel sulfur content for Boiler Nos. 1-3. During the summer, the stacks for Boiler Nos. 1-3 were raised to 113 feet in height. A revised Air Quality Analysis was performed based on the ISC PRIME dispersion model, taller stacks, and higher fuel sulfur content. The ISC PRIME model was used to better evaluate the contributions associated with stack downwash from the refinery building. Although the ISC PRIME model is a non-guideline model, it has been proposed by EPA as a replacement for ISCST3 and was approved by EPA Region 4 for use with this project. While the revised Air Quality Analysis demonstrates compliance with the Ambient Air Quality Standards and PSD increments, it included several constraints on boiler operation, fuel oil consumption, fuel oil sulfur content, and steam production. These constraints are included as conditions in the Draft Permit. Because the original PSD permit allowed the permittee to regain use of the higher sulfur fuel, a determination of Best Available Control Technology (BACT) was not required.

An air quality impact analysis was conducted for the project. Emissions from the modified facility will not significantly contribute to or cause a violation of any state or federal ambient air quality standards. The maximum predicted PSD Class II increments of NO_x, SO₂, and PM₁₀ consumed by all sources in the area, including this project, will be as follows:

PSD Class II Increment Consumed (ug/m ³)	Allowable Increment (ug/m ³)	Percent Increment Consumed
PM ₁₀		
24-hour	26	31
Annual	1	17
SO ₂		
3-hour	357	512
24-hour	75	91
Annual	13	20
NO _x		
Annual	4	25

NO_x and PM₁₀ emissions from the project have no significant impact on the PSD Class I Everglades National Park. The maximum predicted PSD Class I SO₂ increments consumed in the Everglades National Park by all sources in the area, including this project, will be as follows:

PSD Class II Increment Consumed (ug/m ³)	Allowable Increment (ug/m ³)	Percent Increment Consumed
SO ₂		
3-hour	20	25
24-hour	3	5
Annual	0.13	2

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 and requests for public meetings concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Rd, 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.

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 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 petitions 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 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 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.

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:

Department of Environmental Protection Bureau of Air Regulation Suite 4, 111 S. Magnolia Drive Tallahassee, Florida, 32301 Telephone: 850-488-0114	Department of Environmental Protection South Florida District Office Suite 364, 2295 Victoria Avenue Fort Myers, Florida, 33901-3381 Telephone: 941-332-6975
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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 Department's reviewing engineer for this project, Jeff Koerner, New Source Review Section, at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850-488-0114, for additional information.