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March 24, 2008

0738-7595

Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

MAR 25 2008

Attention: Mr. Jeff Koerner, Professional Engineer Administrator

BUREAU OF AIR REGULATION

**RE: UNITED STATES SUGAR CORPORATION
CLEWISTON MILL (FACILITY NO. 0510003)
CAPACITY REPORT AND EMISSIONS SUMMARY
2007-2008 CROP SEASON**

Dear Mr. Koerner:

Please find enclosed two (2) copies of the Capacity Report and Emissions Summary for the Clewiston Mill. This report was required under Permit No. 0510003-022-AC, issued June 3, 2003. If you have any questions, please do not hesitate to call me at (352) 336-5600.

Sincerely,

GOLDER ASSOCIATES INC.

David A. Buff, P.E., Q.E.P.
Principal Engineer

E. Claire Booth, E.I.
Staff Engineer

cc: Ajaya Satyal, FDEP South District
Keith Tingberg, USSC
Bret Nesbitt, USSC

Enclosures

DB/CB/sl

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TABLE 1
CAPACITY REPORT AND EMISSIONS SUMMARY FOR U.S. SUGAR CLEWISTON MILL, 2007-2008 CROP SEASON

Boiler	Test Date	Permitted 24-Hour Steam Production Rate (lbs/hr)	Tested Steam Production Rate (lbs/hr)	% of Permitted Capacity (%)	Tested Heat Input Rate (lbs/hr)	Emission Rate Units	Emission Test Results											
							PM		NO _x		CO		Non-Methane VOC		SO ₂		Ammonia Slip	
							Tested Emission Rate	Allowable Emissions ¹	Tested Emission Rate	Allowable Emissions ¹	Tested Emission Rate	Allowable Emissions ¹	Tested Emission Rate	Allowable Emissions ¹	Tested Emission Rate	Allowable Emissions ^{h,j}	Tested Emission Rate	Allowable Emissions ¹
1	11/9/2007	255,000 ^a	184,322	72.3%	386	(lbs/MMBTU)	0.18	0.25	N/A		N/A		N/A		N/A		N/A	
						(lbs/hr)	68.3	96.6										
2	11/7/2007	230,000 ^a	155,075	67.4%	322	(lbs/MMBTU)	0.19	0.25	N/A		N/A		N/A		N/A		N/A	
						(lbs/hr)	59.7	80.5										
4	11/14/2007	285,000	269,659	94.6%	576	(lbs/MMBTU)	0.11	0.15	0.08	0.20	2.6	6.5	0.15 ^c	0.50 ^c	N/A	0.06 ^c	N/A	
						(lbs/hr)	62.4	86.4	46.5	115.2	1,507.0	3,744.0	86.7 ^c	288.0 ^c	N/A	34.5 ^c		
7	1/24/2008	350,000	347,725	99.4%	732	(lbs/MMBTU)	0.005	0.03	0.15	0.25	0.30	0.70	0.003 ^d	0.212 ^d	0.039	0.17	N/A	
						(lbs/hr)	3.9	22.0	112.8	183.0	215.1	512.4	1.9 ^d	155.2 ^d	28.5	124.4		
8	11/30/2007	575,000	565,524	98.4%	1,046	(lbs/MMBTU)	0.015	0.025	0.14 ^h	0.14 ^h	495 ^h	400 ^h	0.025 ^e	0.05 ^e	0.014	0.06	20 ^{i,j}	20 ^f
						(lbs/hr)	15.6	26.1	145.0 ^h	146.4	N/A	N/A	25.54 ^e	52.3 ^e	14.4	62.7	N/A	N/A

^a Maximum 1-hour permitted steam rate. Boiler does not have permitted 24-hour steam rate.

^b Allowable emissions based on burning combined bagasse and No. 6 fuel oil.

^c Reported as propane.

^d Reported as carbon.

^e Only required during the federal fiscal year (October 1 to September 30) prior to renewal of the air operation permit.

^f In units of ppmvd @ 7% oxygen.

^g Based on CEMS data; 30-day rolling average.

^h Based on an average of the CEMS data during the three runs.

ⁱ Based on Title-V Permit No. 0510003-017-AV and 0510003-037-AC.

^j Ammonia slip was retested on January 25, 2008.