

MEMORANDUM

TO: Cleve Holladay
FROM: Bill Corbin ^{3C}
DATE: July 29, 1996
SUBJECT: Florida Crushed Stone (FCS)

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FAXED
7/29 11:40BUREAU OF
AIR REGULATION

Attached please find the multisource NO_x inventory (other than FCS facility) used for Chassahowitzka in the original permit application (see comment responses given in July 11, 1995 letter from Donald F. Elias to Clair H. Fancy). Please verify these sources for use in the current permitting effort. I hope to run the analysis this week, so your prompt attention to this matter would be appreciated.

Also, the new kiln at the BACT emission rates has SCREEN3 screening impacts (by itself) less than the Class II significant impact levels (SILs) for all pollutants other than NO_x when using the latest averaging time ratios (p. 4-16, Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised, EPA-454/R-92-019). This requires the use of an annual averaging time ratio of 0.08. What is the Department's present position on the use of annual ratios for significance determinations? This would simplify the modeling analyses in that Class II significant impact analyses would only be required for one pollutant.

Please call me at 908-968-9600.

cc: D. Elias
M. Hober
FCS3 Project File

CHASSAHOWITZKA NWR NOx PSD INVENTORY

ISCST2 ID. NO	FACILITY/SOURCE	UTM COOR (km)		MAX. NOx	STACK	STACK	EXIT	EXIT	CLASS I
		EAST	NORTH	EMISSIONS (g/s)	HEIGHT (m)	DIAMETER (in)	TEMP (K)	VELOCITY (m/s)	MINIMUM DISTANCE (km)
101	Auburndale	420.8	3103.3	21.17	48.80	5.50	411.0	14.30	101.9
102	Enron Silver Springs	418.8	3240.9	1.33	13.72	0.49	641.0	36.51	96.7
103	Farmland Green Bay	409.5	3080.1	1.25	45.72	2.44	355.4	11.58	110.1
104	FL Mining & Mcls	355.9	3169.9	11.56	32.00	4.27	394.3	9.90	14.4
105	FPC Debary	467.5	3197.2	137.60	15.24	4.21	819.8	56.21	125.2
106	FPC Int City 7EA	446.3	3126.0	84.20	15.24	4.21	819.8	56.21	113.2
107	FPC Int City 7FA	446.3	3126.0	91.80	15.24	7.04	880.8	32.07	113.2
108	FPC Polk	414.4	3073.9	160.40	34.40	4.10	400.0	40.50	118.0
109	IMC Agrico New Wales	396.7	3079.4	5.49	61.00	2.59	350.0	15.33	103.1
110	IMC Agrico S Pierce	407.9	3071.9	-2.93	45.73	1.60	350.0	26.40	115.6
111	IMC Agrico S Pierce	407.9	3071.9	3.98	45.73	1.55	349.8	39.05	115.6
112	Kissimmee Utilities	447.7	3127.9	27.72	12.20	3.00	654.0	29.10	113.9
113	Lakeland Utilities	409.2	3102.8	21.04	30.48	5.79	783.2	28.22	93.3
114	OMS Lake Co RRF	413.1	3179.3	20.79	38.10	1.83	422.0	23.36	69.4
115	OUC Stanton 2	483.5	3150.6	91.80	167.60	5.80	324.2	23.50	142.5
116	Pasco Co RRF	347.0	3139.0	40.57	83.82	3.05	394.3	15.70	27.5
117	Lake Cogen	434.0	3198.8	11.64	30.48	3.35	384.3	17.13	92.6
118	Pasco Cogen	385.6	3139.0	11.64	30.48	3.35	384.3	17.13	52.6
119	Ridge Cogen	416.7	3100.4	8.73	99.10	3.00	350.0	14.50	100.5
120	Stauffer Shutdown	325.6	3116.7	0.80	49.00	1.20	293.0	3.60	51.2
121	Seminole Hardee 3	405.0	3057.7	32.78	22.90	7.01	851.5	32.67	125.9
122	TPS Hardee	404.8	3057.4	241.83	22.90	4.88	389.0	23.90	126.1
123	TECO Polk Aux. Blr	402.5	3067.4	1.00	6.10	0.90	533.0	13.10	116.3
124	TECO Polk IGCC	402.5	3067.4	23.69	45.70	5.80	400.0	16.80	116.3
125	Tropicana	346.8	3040.9	3.96	24.40	2.13	555.4	7.55	125.0
126	Tropicana Turbine	346.8	3040.9	9.20	24.40	3.66	404.3	16.55	125.0
127	Pend Kathleen	398.7	3105.5	5.42	45.73	5.34	416.0	13.86	83.9
128	FPL Manatee	367.3	3054.1	612.40	144.80	7.99	339.8	23.70	114.8
129	FL Rock Newberry	346.8	3287.0	56.25	76.20	2.87	369.3	14.15	103.8

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Donald F. Elias	RTP Environmental	(908) 968-9600
CARL LUNDERSTADT	FL. CRUSHED STONE	352 787-0608
Tom Mountain	Florida Crushed Stone	352 - 799-7881
Bill Corbin	RTP Environmental	908-968-9600
Cleve Holladay	DEP/DARM/BAR	904-488-1344
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CHARLES F. ALLEN	FCS	352-799-7891
AL LINERO	DEP	904488-1344
Clair fancy	"	" "

22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS



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