Table 1-1, Air Pollutant Emission Allowables and Terms

Duke Energy Florida, Inc. dba Duke Energy
University of Florida Cogeneration Plant

Permit ID No.: 0010001-016-AV
Facility ID No.: 0010001

Emission Unit & ID No.				Allowable Emissions			
Pollutant	Fuel(s)	Hrs/Yr	Basis of Limitation	lbs/hr	TPY	Regulation(s)/Permit	Permit Condition(s)
CT - 007							
NO_x	Gas		25 ppmvd @ 15% O_2	39.6	142.7	PSD-FL-181B	B.8.
SO_2	Gas		0.015% @15% O_2	2 grains/100 scf		PSD-FL-181B	B.12.
VE	Gas			10% opacity		PSD-FL-181B	B.9.
CO	Gas		36.0 ppmvd @ 15% O_2	38.8	158.0	PSD-FL-181B	B.8.
DB - 005							
NO_x	Gas		0.1 lb/MMBtu	18.7	24.6	PSD-FL-181B	B.4.
VE	Gas			10% opacity		PSD-FL-181B	B.4.
CO	Gas		0.15 lb/MMBtu	28.1	36.9	PSD-FL-181B	B.4.
Boiler No.4 - 002							
SO_2	Oil		BACT	max. 0.5% S, by wt.		Rule 62-296.406(3), F.A.C.	A.8.
VE	Gas/Oil			20%/27%[3] (60%[4])		Rule 62-212.400(6), F.A.C. Rule 62-296.406(1), F.A.C.[3] Rule 62-210.700(3), F.A.C.	A.5. A.5. A.6.
Boiler No.5 - 003							
SO_2	Oil		BACT	max. 0.5% S, by wt.		Rule 62-296.406(3), F.A.C.	A.8
VE	Gas/Oil			20%/27%[3] (60%[4])		Rule 62-212.400(6), F.A.C. Rule 62-296.406(1), F.A.C.[3] Rule 62-210.700(3), F.A.C.	A.5. A.5. A.6.
Facility Wide Cap - [E.U.'s - 001, 002, 003 & 004]							
Total NO_x	Gas/Oil				185.3	PSD-FL-181B	Facility-wide Condition 10

[3] Exception is one 6-minute period per hour during which the opacity shall not exceed 27% while firing No. 2 fuel oil..
[4] During the 3-hours in any 24 hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.