



Progress Energy

December 6, 2005

Mr. Al Linero
DEP/DARM
South Permitting Section
Division of Air Resource Management
2600 Blair Stone Road MS 5500
Tallahassee, Florida 32399-2400

RECEIVED

DEC 09 2005

BUREAU OF AIR REGULATION

Re: Turner Power Plant – Title V Permit 1270020-002-AV – Appendix I-1. List of Insignificant Emission Units and/or Activities

Dear Mr. Linero:

Progress Energy would like to install a diesel fuel truck loading station at our Turner Plant. This diesel fuel truck loading station would be used in emergency situations (hurricanes) to supply a diesel fuel to our peaking units during periods when our traditional fuel supply is disrupted.

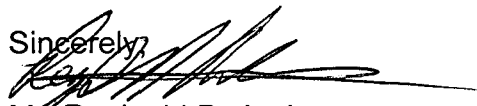
We have looked at the emissions from the truck loading station (AP-42 emission factors) and found them to be significantly less than “5 tons per year or more of any regulated pollutant” listed in the Generic Emission Unit Exemption (please see the attached conservative emission estimate). Mr. Tom Cascio recommended that I reference the Title V Permitting Action Tree - item number 13. Item number 13 allows waiting until the Title V permit is revised or renewed to incorporate the change in Appendix I.

Accordingly, we would very much appreciate adding “Emergency Diesel Fuel Truck Loading Station” to Appendix I-1. List of Insignificant Emission Units and/or Activities the next time the permit is revised or renewed. We anticipate installing the truck loading station in the December to April timeframe.

If you have any questions, please contact Dave Meyer at (727) 820 5295. Thank you very much for your consideration.

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this document is being submitted. I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.

Sincerely,


Mr. Reginald D. Anderson
Plant Manager

XC: Mr. Garry Kuberski
Mr. Tom Cascio
EPA Region IV

AP-42 10/96
 3.3 Gasoline and Diesel Industrial Engines
 BASED ON HP
 Gas <= 250 Hp
 Diresl <= 600 Hp

INPUT	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5
	Pump Engines				
UNITS	2				
HP	30				
Hours	336				

OUTPUT		Emissions	
(POUNDS)	RATING	EF (lb/hp-hr)	(Lbs)
NOX	D	0.031	625
CO	D	6.68E-03	135
SOX	D	2.05E-03	41
PM-10	D	2.20E-03	44
CO2	B	1.15	23,184
Aldehydes	D	4.63E-04	9
TOC (as CH4)			
Exhaust	D	2.47E-03	50
Evaporative	E	0	0
Crankcase	E	4.41E-05	1
Refueling	E	0	0
ORGANIC COMPOUNDS		EF (lb/mmbtu)	
BENZENE (HAP)	E	9.33E-04	0.13
TOLUENE (HAP)	E	4.09E-04	0.06
XYLENES (HAP)	E	2.85E-04	0.04
PROPYLENE	E	2.58E-03	0.36
1,3-BUTADIENE (HAP)	E	3.91E-05	0.01
FORMALDEHYDE (HAP)	E	1.18E-03	0.17
ACETALDEHYDE (HAP)	E	7.67E-04	0.11
ACROLEIN (HAP)	E	9.25E-05	0.01
PAH			
NAPHTHALENE (HAP)	E	8.48E-05	0.01
ACENAPHTHYLENE	E	5.06E-06	0.00
ACENAPHTHENE	E	1.42E-06	0.00
FLUORENE	E	2.92E-05	0.00
PHENANTHRENE	E	2.94E-05	0.00
ANTHRACENE	E	1.87E-06	0.00
FLUORANTHENE	E	7.61E-06	0.00
PYRENE	E	4.78E-06	0.00
BENZ(A)ANTHRACENE	E	1.68E-06	0.00
CHRYSENE	E	3.53E-07	0.00
BENZO(B)FLORANTHEN	E	9.91E-08	0.00
BENZO(K)FLORANTHEN	E	1.55E-07	0.00
BENZO(A)PYRENE	E	1.88E-07	0.00
INDENO(1,2,3-CD)PYRE	E	3.75E-07	0.00
DIBENZ(A,H)ANTHRACE	E	5.83E-07	0.00
BENZO(G,H,L)PERYLEN	E	4.89E-07	0.00
TOTAL PAH	E	1.68E-04	0.02