

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

R-9659

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates* | |
|---------------------------|--|-----------------------------|-----------------|--------|
| | | | #/hr | TPY |
| CT1 | 94 MWe GE MS7001EA Gas Turbine (Natural Gas Fired) | VOC | 8.7 | 32.6 |
| | | NOx | 376.0 | 1410.0 |
| | | SO2 | 15.2 | 57.0 |
| | | PM | 20.6 | 77.3 |
| | | CO | 22.0 | 82.5 |
| | 94 MWe GE MS7001EA Gas Turbine (Fuel Oil Fired) | VOC | 8.7 | 32.6 |
| | | NOx | 376.0 | 1410.0 |
| | | SO2 | 520.0 | 1950.0 |
| | | PM | 51.8 | 194.0 |
| | | CO | 22.0 | 82.5 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
- NOx - total oxides of nitrogen
- SO2 - sulfur dioxide
- PM - particulate matter
- CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 7500 **

** Annual emission limits for the facility are based on 7500 hours at 94 MWE or 705,000 megawatt-hours per year.

Revised_____

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

R-9659

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates*</u> | |
|---------------------------|---|-----------------------------|------------------------|------|
| | | | #/hr | TPY |
| CTEDG | 2,113 Horsepower Emergency Diesel Generator | VOC | 1.50 | 0.04 |
| | | NOx | 44.60 | 1.20 |
| | | SO2 | 7.90 | 0.20 |
| | | PM | 5.30 | 0.10 |
| | | CO | 13.70 | 0.40 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 PM - particulate matter
 CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 52

Revised_____