LCB File No. R148-09

PROPOSED REGULATION OF THE STATE ENVIRONMENTAL COMMISSION

Petition No. P2009-04

EXPLANATION – Matter in ***italics*** is new; matter in brackets ~~[omitted material]~~ is material to be omitted.

EXPLANATION – This petition amends LCB File No. R190-08, which became effective on April 23, 2009, but has not been codified as of October 1, 2009. Matter in ***blue italics*** is new; matter in brackets ~~[omitted material]~~ is material to be omitted.

AUTHORITY: §§1-7, NRS 445B.210.

Section 1. Chapter 445B of NAC is hereby amended to read as follows:

LCB File No. R190-08, eff 4/23/09. Sec. 4. 1. The sources listed below must install, operate and maintain the following control measures which constitute BART and must not emit or cause to be emitted NO_x, SO_2, or PM_{10} in excess of the following limits:

(a) For power-generating units numbers 1 and 2 of NV Energy's Fort Churchill Generating Station, located in hydrographic area 108:

UNIT (Boiler)	NO_x		SO_2		PM_{10}	
	Emission Limit (lb/10^6 Btu, 12-month rolling average)	Control Type	Emission Limit (lb/10^6 Btu, 24-hr average)	Control Type	Emission Limit (lb/10^6 Btu, 3-hr average)	Control Type
1	0.20	Low NO_x burners with flue gas recirculation	0.05	Pipeline natural gas and/or No. 2 fuel oil	0.03	Pipeline natural gas and/or No. 2 fuel oil
2	0.16		0.05		0.03	

(b) For power-generating units numbers 1, 2 and 3 of NV Energy's Tracy Generating Station, located in hydrographic area 83:

UNIT (Boiler)	NO_x		SO_2		PM_{10}	
	Emission Limit ($lb/10^6$ Btu, 12-month rolling average)	Control Type	Emission Limit ($lb/10^6$ Btu, 24-hr average)	Control Type	Emission Limit ($lb/10^6$ Btu, 3-hr average)	Control Type
1	0.15	Low NO_x burners with flue gas recirculation	0.05	Pipeline natural gas and/or No. 2 fuel oil	0.03	Pipeline natural gas and/or No. 2 fuel oil
2	0.12		0.05		0.03	
3	0.19	Low NOx burners with selective non-catalytic reduction	0.05		0.03	

(c) For power-generating units numbers 1, 2 and 3 of NV Energy's Reid Gardner Generating Station, located in hydrographic area 218:

UNIT (Boiler)	NO_x		SO_2		PM_{10}	
	Emission Limit ($lb/10^6$ Btu, 12-month rolling average)	Control Type	Emission Limit ($lb/10^6$ Btu, 24-hr average)	Control Type	Emission Limit ($lb/10^6$ Btu, 3-hr average)	Control Type
1	0.20	Rotating	~~[0.25]~~ ***0.15***	Wet soda ash	0.015	Fabric filter

2	0.20	Opposed Fire Air with Rotamix[1]	~~[0.25]~~ ***0.15***	flue gas desulfurization	0.015	
3	0.28		~~[0.25]~~ ***0.15***		0.015	

(d) For power-generating units numbers 1 and 2 of Southern California Edison's Mohave Generating Station, located in hydrographic area 213:

UNIT (Boiler)	NO_x			SO_2		PM_{10}	
	Emission Limit (lb/10^6 Btu, 12-month rolling average)	Mass Emission Rate (lb/hr, 1-hr average)	Control Type	Emission Limit (lb/10^6 Btu, 30-day rolling average)	Control Type	Emission Limit (lb/10^6 Btu, 3-hr average)	Control Type
1	0.15	788	Low NO_x burners with over-fire air and conversion to pipeline natural gas only	0.0019	Conversion to pipeline natural gas only	0.0077	Conversion to pipeline natural gas only
2	0.15	788		0.0019		0.0077	

2. The control measures established in subsection 1 may be replaced or supplemented with alternative technologies approved in advance by the Director, provided that the emission limits in subsection 1 are met. The established or approved control measures must be installed and operating:

(a) For NV Energy's Fort Churchill, Tracy and Reid Gardner generating stations:

(1) On or before January 1, 2015; or

[1] Rotamix is a technology for adding selective non-catalytic reduction using ammonia or urea-based reagent.

(2) Not later than 5 years after approval of Nevada's state implementation plan for regional haze by the United States Environmental Protection Agency Region 9,

➥ whichever occurs first.

(b) For Southern California Edison's Mohave Generating Station, at the time that each unit resumes operation.

3. If the ownership of any BART regulated emission unit changes, the new owner must comply with the requirements set forth in subsection 2.

4. For purposes of this section, emissions of PM_{10} include the components of $PM_{2.5}$ as a subset.