TOTAL POUNDS OF EMISSIONS FROM BURNING 15 MILLION POUNDS OF M-6*

GAS	POUNDS EMITTED
NON-METHANE HYDROCARBONS:	
• Diphenylamine	0.004
• 2,4 &2,6 dinitrotolulene	0.017
• Aromatic hydrocarbons	26.650
• Other hydrocarbons	221.000
Subtotal, Non-methane HC	<250.000
OTHER GASSES	
• Methane	690.000
• Carbon Monoxide	1,425.000
• Nitrogen Oxide	36,000.000
• Nitrogen Dioxide	78,000.000
• Carbon Dioxide	15,900,000.000
Subtotal, Other Gasses	16,016,115.000

* Emission Factors contained in DPG Document No. DPG-TR-96-008b, April 1998, Open Burn/Open Detonation Model (OBODM) User's Guide, Volume II. Technical Description

Less than 250 pounds of non-methane hydrocarbons are expected to be emitted from the burning of the M-6 propellant even though the unburned M-6 contains roughly 10% of dinitrotolulene. Because of the high rate of combustion and M-6 propellant does not contain toxic metals or chlorinated compounds, which if present could produce dioxins, emissions will not pose a toxic air pollution risk to the community outside the worker safety zone.

The quantities of carbon monoxide, nitrogen dioxide and carbon dioxide will not pose a toxic air pollution risk outside the worker safety zone. The contractor selected for the disposal will be required to conduct sampling. EPA and LDEQ will conduct independent sampling to ensure the environment and public health are protected.