

LNG— Safe & Secure

LNG IS SAFE

- Liquefied Natural Gas (LNG), like natural gas, has an excellent safety record.
- LNG itself does not burn because it contains no oxygen, which is needed for combustion. When warmed, LNG begins to vaporize. Only under a limited and unlikely set of circumstances will these vapors burn. There would need to be an exact ratio of gas to air and a source of ignition.

- LNG is not stored or transported under pressure and it is not explosive, corrosive, toxic or carcinogenic. In fact, LNG will be stored in Yankee's new tank at very low pressure—at about 1 to 3 psig (pounds per square inch). In comparison, the tires on your car are inflated to 28 to 30 psig.



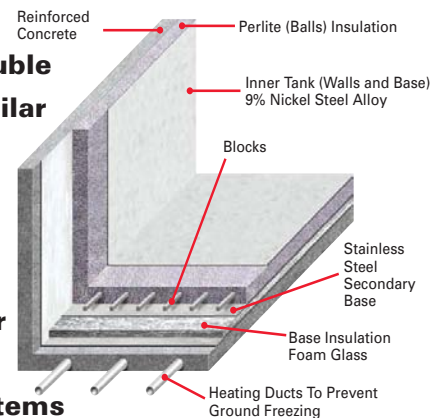
- If LNG is released into the air, the liquid immediately warms up and converts back to a gas. Initially, the gas is colder and heavier than the air, so it freezes any water vapor in the air. This can temporarily create an icy fog, similar to the vapor that escapes when you open your freezer door in warm weather. As the gas continues to warm, it dissipates and rises harmlessly into the air.

LNG IS SECURE

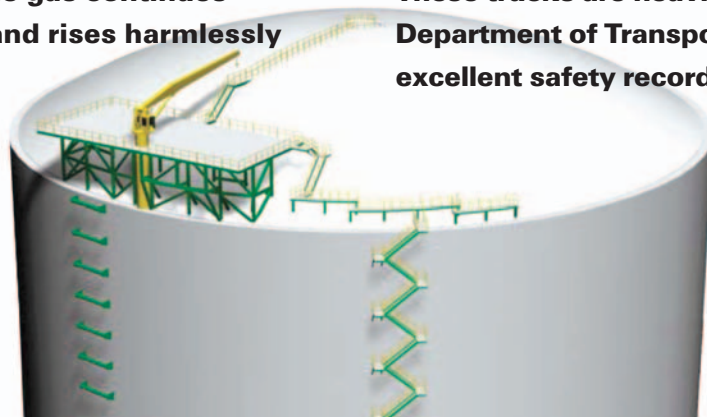
- The Eagle Street LNG Facility will have gated security access and continuous surveillance monitoring. Across the country, LNG suppliers work closely with U.S. agencies responsible for national security.
- The Yankee Gas Eagle Street LNG Facility will have extensive safeguard systems, such as vapor, heat and fire detectors, as well as remote and automatic shut off systems.

- Yankee Gas has trained Waterbury firefighters through the Northeast Gas Association Firefighters Academy in the safety of LNG.

- LNG is stored in a double walled container, similar to a thermos bottle. The storage tank has an inner wall made of nickel steel alloy, a two-foot thick outer concrete wall and numerous safety systems to contain the LNG.



- LNG is routinely transported in trucks specially designed for carrying LNG and other fuels. These trucks are heavily regulated by the Department of Transportation and have an excellent safety record.



The Northeast Utilities System