



safety. compliance. reliability.

Project Details

Facility

FEMA Berryville, VA

Application

Critical Power

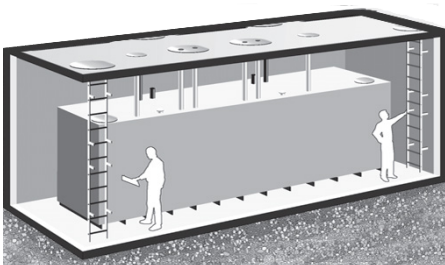
Scope

Furnished and installed UL 2245 SafeSite Fuel Vault precast concrete below grade fuel storage vault.

Fuel tank is an a standard above-ground 15,000 gallon steel tank.

Advantages

- Easy access for manual inspection.
- Compliance with AST regulations.
- Exempt from current EPA UST guidelines, eliminating mandatory soil monitoring, tank tightness testing and inventory record keeping in most states.
- UL 2245 Listing (below grade vaults).
- Designs certified to withstand H-20 wheel loading.



In an Emergency, Critical Power won't be a Concern for FEMA, Berryville

The Challenge

FEMA Logistics center in Berryville, VA is one of eight centers within the continental U.S. designed to support first responders with equipment needed to manage an emergency situation as well as providing life-saving and life-sustaining resources for disaster victims. For employees at FEMA Berryville, having safe and reliable emergency power and boiler fueling systems to support these operations is vital.

The Solution

For maximum security, FEMA chose to use an innovative SafeSite Fuel Vault to house their emergency power and boiler fueling tanks. The fuel vault is a unique concrete sectional vault created from a specially formulated concrete mix, factory poured in two parts, that encloses a steel tank. SafeSite Fuel Vault systems offer uncompromising protection to soil and groundwater. They also offer protection from corrosion, rising water tables and even the sudden trauma of earthquake activity or an external explosion. Because the storage tanks are located within a vault that allows for easy accessibility and visual inspection, they may be classified by the EPA as aboveground storage tanks (AST) even though they are located at or below grade.

FEMA issued Core Engineered Solutions a blanket purchase agreement for 11 task orders (encompassing 22 tanks) to replace existing USTs with the more secure SafeSite Fuel Vault systems. In addition, Core provided FEMA with another four 15,000 gallon SafeSite Fuel Vault systems which were purchased and installed by a government contractor.

