



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON
4551 LLEWELLYN AVENUE, SUITE 5000
FORT GEORGE G. MEADE, MARYLAND 20755-5000

IMME-PW

MAY 13 2014

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Fort George G. Meade Policy Memorandum # 29, Emergency Fuel Storage

1. The purpose of this policy is to ensure the standardization of the selection of storage tank design for fuel needed to support emergency power requirements. All design plans for emergency fuel storage tanks must be submitted to the Directorate of Public Works (DPW) for review and approval. Beyond emergency fuel requirements, all other storage tank mission requirements will be approved on a case by case basis by the DPW.

2. This policy will address the available options for storage tank design and the related compliance responsibility and cleanup liability for fuel releases to the environment. All designs shall be certified by a professional engineer to meet or exceed all current and proposed applicable federal, state and Army storage tank regulations, industry standards and fire codes. Where conflicts between regulations or standards exist, the draft design submitted to DPW shall specifically note the conflicts and the preferred option to resolve the same.

a. **Aboveground Storage Tank (AST) Design:** The preferred approach to all emergency fuel storage is an AST properly designed to contain and control spills and overfills, detect releases and protect the waters of the State through, at a minimum, a secondary containment design. All designs shall also comply with the Installation Design Guide to minimize the visual impact.

b. **Vaulted Aboveground Storage Tank Design:** In cases where the site is constrained by available space, the preferred approach is the placement of an AST properly designed to contain and control spills and overfills, detect releases and protect the waters of the State through, at a minimum, a secondary containment design in a liquid tight below ground vault. The vault shall be designed to ensure full visible inspection of the AST.

c. **Concrete Encased Aboveground Storage Tank Design:** For ASTs located within direct line of sight from perimeter roads, the preferred approach is the selection of a concrete encased or similarly protected AST design. The AST shall also be properly designed to contain and control spills and overfills, detect releases and protect the waters of the State through, at a minimum, a secondary containment design.

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d. **Underground Storage Tank (UST) Design:** If the design options for ASTs are determined not suitable for the mission requirement, the proponent must submit a written request to install an UST. The request shall outline the reasons why an AST design cannot meet the mission. The UST shall be properly designed to contain and control spills and overfills, detect releases and protect the waters of the State through at a minimum a secondary containment design.

3. **UST Ownership/Liability:** If the Proponent selects an UST design then the proponent will properly register the UST(s) with the Maryland Department of the Environment listing the Proponent as the owner of the UST(s). The designation as the registered owner of the UST(s) places all responsibility for compliance with the Maryland Code of Regulations (COMAR) upon the registered owner, including the liability and responsibility for the investigation and remediation of any releases to the environment from the UST(s), including spills and overfills. The UST shall be replaced by the Proponent prior to the expiration of the UST manufacturer's warranty. The Proponent shall properly remove the UST(s) from the ground in accordance with COMAR requirements upon vacating the facility.

4. **AST Ownership/Liability:** If the Proponent selects an AST design, including vaulted ASTs, then the DPW will become the real property owner of the AST(s) and include the AST(s) on the Oil Operations Permit for the Installation. All maintenance and operational compliance requirements will be negotiated and reflected in the Installation Support Agreement (ISA).

5. Your point of contact for technical questions on this action is Mr. Mick Butler, Chief of the Installation's Environmental Division Office at (301) 677-9648/9188.



BRIAN P. FOLEY
Colonel, Signal Corps
Commanding

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