

**STATE OF LOUISIANA**  
Department of Public Safety and Corrections  
Office of State Fire Marshal Code Enforcement and Building Safety  
8181 Independence Boulevard  
Baton Rouge, Louisiana 70806  
225-925-4920

HENRY H. FRY  
DEPUTY ASSISTANT SECRETARY

**TANK ONLY**

EMMETT DAMMON, P.E., E.E.  
DAMMON ENGINEERING  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0311858  
PEOPLES HEALTH NETWORK  
GENERATOR  
3838 N CAUSWAY BLVD  
METAIRIE, LA 70001-0000

NFPA 101, 2003

BUSINESS  
STORAGE  
FUEL STORAGE TANK

Dear Applicant:

This is to advise that we have reviewed the drawings and specifications for the subject proposed construction and have determined that they appear to satisfactorily comply with the adopted laws, codes, rules and regulations of The State Fire Marshal subject to the following requirements:

**NOTE: In accordance with the fee schedule on the Plan Review Application For Fuel Storage Tank Installations, a balance due of \$20.00 is required for this project based on the number of tanks submitted. This amount must be received within 15 days of the date of this letter or this review may be rescinded. Please enclose a copy of this letter with your check for proper posting.**

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NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL AND CAUTIONARY PURPOSES OR ISSUES THAT COULD NOT BE VERIFIED IN THE SUBMITTED DOCUMENTS.

1. **This review applies to the following scope(s) of work, for compliance with NFPA 30 (2000) Flammable and Combustible Liquids Code and NFPA 30A (2000) Motor Fuel Dispensing Facilities and Repair Garages, and NFPA 70 (2002) National Electric Code.**
  - a) **Aboveground tank(s) (30:2); day tank plus generator.**
2. **Storage and/or dispensing of gasoline, diesel or other flammable liquids shall be in accord with NFPA 30 (2000).**
3. **30:1.3 Electrical systems shall comply with chapter 6.**
4. **Refer to the following design standards:**
  - a) **30:2.2.3.1 for Atmospheric Tanks (less than or equal to 1 psig)**

- b) 30:2.2.3.2 for Low-Pressure Tanks (greater than 1 psig to 15 psig)
  - c) 30:2.2.3.3 for Pressure Vessels (over 15 psig)
5. 30:2.2.5.2.1 Every aboveground storage tank shall have emergency relief venting in the form of construction or a device or devices that will relieve excessive internal pressure caused by an exposure fire.
    - a) Refer to 30:2.2.5.2.2 for vertical tank emergency venting.
    - b) Refer to 30:Appendix B for aboveground tank emergency venting.
    - c) Refer to 30:3.7.1
  6. 30:2.3.2.3 Control of spills from aboveground tanks to comply with:
    - a) 2.3.2.3.3 for Secondary Containment Tanks. (As shown.)
  7. 30:2.3.2.4 Vent piping for aboveground tanks for normal and emergency relief venting shall be constructed in accordance with Chapter 3. Refer also to 30:3.7.1
  8. 30:2.3.2.5 Tank openings other than vents for aboveground tanks shall comply with this section.
  9. 30:2.4 Testing Requirements for all Tanks:
    - a) 30:2.4.1 Initial testing covered in this section. All tanks, whether shop-built or field-erected, shall be tested before they are placed in service in accordance with the applicable requirement of the code under which type they were built. See subsections 2.4.1.1 through 2.4.1.4, as applicable.
    - b) 30:2.4.2 Tightness testing covered in this section. All tanks and connections shall be tested for tightness after installation and before being placed in service in accordance with 2.4.2.1 through 2.4.2.4, as applicable.30:2.4 Testing Requirements for all Tanks:
    - c) 30:2.4.1 Initial testing covered in this section. All tanks, whether shop-built or field-erected, shall be tested before they are placed in service in accordance with the applicable requirement of the code under which type they were built. See subsections 2.4.1.1 through 2.4.1.4, as applicable.
    - d) 30:2.4.2 Tightness testing covered in this section. All tanks and connections shall be tested for tightness after installation and before being placed in service in accordance with 2.4.2.1 through 2.4.2.4, as applicable.
  10. 30:2.5.3.1 Precautions shall be taken to prevent the ignition of flammable vapors from source. (As applicable.)
  11. 30:2.5.6 Emergency planning and training shall comply with this section.
  12. 30:2.5.7 Inspection and Maintenance shall comply with this section.
  13. 30:2.6.7 Tank maintenance shall comply with this section.
  14. 30:3.2 General piping systems requirements:
    - a) 30:3.2.1 Piping System Performance Standards are applicable sections of ASME B31 and the provisions of this chapter (30:Chapter 3.)
    - b) 30:3.2.2 Piping systems shall be maintained liquid tight.
    - c) 30:3.3 Materials for piping systems shall comply with this section.
    - d) 30:3.4 Pipe joints shall comply with this section.
    - e) 30:3.5 Installation of piping systems shall comply with this section.
  15. 30:3.6 Pipe testing shall comply with this section:
    - a) initial testing of piping system, see 30:3.6.1

- b) initial testing of secondary containment piping, see 30:3.6.2
  - c) testing during maintenance, see 30:3.6.3
16. 30:3.9 Each loading and unloading riser shall be marked to identify the product for which it is to be used.
  17. 30:4.4 Design, construction and operation of Inside Liquid Storage Areas (This is a "Cut-off" Room.) shall comply with the following:
    - a) 30:4.4.1 Scope. Section 4.4 shall apply to inside areas where the primary function is the storage of liquids. This shall include inside rooms, cutoff rooms, attached buildings, liquid warehouses and hazardous material storage lockers that are used as inside storage areas. (See Appendix 30:A.4.4(b) figure for diagrams. Note that storage of liquids in other type occupancies is governed by 30:5.4.)
    - b) See Table 4.4.2.1 for Fire Resistance Rating for Inside Liquid Storage Areas. (Interior walls, ceilings, intermediate floors, roofs, exterior walls.) (All to be 2 hr. rated.)
    - c) See Table 4.4.2.2 for Fire Protection Ratings for Fire Doors of Inside Liquid Storage Areas. (Openings in interior walls to adjacent rooms or buildings and openings in rated exterior walls. 2 hr. rated doors.)
    - d) 30:4.4.2.3 Accessibility through exterior walls for fire fighting operations.
    - e) 30:4.4.2.4 Deflagration venting for Class IA or where unstable liquid are to be dispensed.
    - f) 30:4.4.2.5 Prevention of flow of liquids under emergency conditions.
    - g) 30:4.4.2.6 Electrical wiring and utilization equipment requirements.
    - h) 30:4.4.2.7 Ventilation where dispensing takes place to comply with this section.
    - i) 30:4.4.3.1 The storage of any liquids shall not physically obstruct means of egress.
  18. NFPA 10:5.1.4 Provide portable fire extinguishers within the following travel distances (See Tables 10:5.2.1 and 5.3.1);
    - a) Travel distance to a fire extinguisher shall not exceed 75 feet for Class A, C and D fires.
    - b) Travel distance to a fire extinguisher shall not exceed 30 feet for Class B fires (liquids). (50 feet allowed for Light (low) Hazard 10-B, Ordinary (moderate) Hazard 20-B and Extra (high) Hazard 80-B.)
  19. NFPA 10:1.5.10 Top of fire extinguisher, having a gross weight less than 40 lb, shall be not more than 5 feet above the floor; 3-1/2 feet if gross weight 40 lbs or greater.
  20. Modifications to the existing sprinkler system shall be in accordance with NFPA 13.
  21. LRS 40:1625 Submit automatic sprinkler system shop drawings with plan review application and fee prior to installation of any work to this system. Such work shall not commence until the shop drawings are reviewed and appear to satisfactorily comply with the laws, codes, rules, and regulations enforced by this office.
 

Be advised that a sprinkler system that satisfies the requirements of NFPA 101 Life Safety Code, NFPA 13, NFPA 13R and/or NFPA 13D may not necessarily be considered by the building insurance underwriters as "full coverage" or "fully sprinklered", for insurance purposes.
  22. LRS 40:1653 and 40:1628 All work and inspections of fire alarm, fire suppression, automatic sprinkler and fire extinguishing systems or portable fire extinguishers shall be performed by a State of Louisiana certified agent.
  23. 110:7.2 The generator room shall not be shared with other equipment or electrical service equipment not part of the emergency power supply system.

24. **110:7.3.1 Provide emergency lighting at the generator location.**
25. **37:6.1 Fuel tanks shall comply with NFPA 30. (Any tank beyond "day tank" reviewed herewithin.)**
26. **LRS 55:V:2101 Submit Drawings and Specifications for flammable or combustible liquid storage tanks and dispensing units with plan review application and fee prior to installation of tanks. Such work shall not commence until submittals have been found to be in compliance with applicable codes by this office. Submittal shall include a copy of this letter and shall be in accordance with the rules for such by this office. (Any additional new tank.)**
27. **NOTE: Please enclose a copy of this letter with future submittals or other correspondence pertaining to this project.**

Changes to construction in the field which are not consistent with the reviewed documents are not authorized unless reviewed by this office for compliance with Code. Modifications to reviewed plans must be submitted to this office by the Architect/Civil Engineer for review prior to final inspection. If an Architect or Civil Engineer is not required by RS 37:155, revisions shall be submitted by the Owner. Submittals shall include plans, completed application, a minimum \$75.00 review fee, and a copy of the most current plan review letter.

This review shall in no way permit and/or authorize any omissions or deviations from the specific requirements of the adopted codes, rules and regulations in accordance with R.S. 40:1574.1(B).

This review is valid for 180 days from the date of this letter. Construction permits must be issued and/or construction must commence within this time period.

This office requires certification of the completed project in accordance with the approved documents (certificate enclosed).

**Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.**

**To arrange for inspection of the project, please contact the District Office at the phone number below two (2) to three (3) weeks in advance. The plans stamped reviewed by this office must be available on job site at time of inspection. Certificate of completion must be provided to the inspecting Deputy for final inspection.**

REVIEWED BY:  
WILLIAM JENSEN  
ARCHITECT

CC:  
Cantrelle Braithwaite  
Jefferson Parish Fire Prevention  
Sam Vanover\*  
New Orleans District\* 5042194600

**STATE OF LOUISIANA**  
Department of Public Safety and Corrections  
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HENRY H. FRY  
DEPUTY ASSISTANT SECRETARY

**AMENDED LETTER**

EMMETT DAMMON, P.E., E.E.  
DAMMON ENGINEERING  
1095 FLORIDA AVE  
SLIDELL, LA 70458-0000

RE: P0311858  
PEOPLES HEALTH NETWORK  
GENERATOR  
3838 N CAUSWAY BLVD  
METAIRIE, LA 70001-0000

NFPA 101, 2003

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Dear Applicant:

This is to advise that the previous review letter dated 07/24/2006 for this project is hereby amended as follows:

1. **Since the exterior wall of this "Cut-off Room" is not toward another part of this building, nor toward any other nearby building, the words ", exterior walls" is removed from Item 17b of the review letter dated July 24, 2006.**
2. **NOTE: Please enclose a copy of this letter and the review letter dated July 24, 2006, with future submittals or other correspondence pertaining to this project.**

This review applies to the work indicated on the drawings or specifications.

This review shall in no way permit or authorize any omissions or deviations from the specific requirements of the adopted codes, rules and regulations in accordance with R.S. 40:1574.1(B).

The above amended review is valid if construction starts within 180 days from the above date of the original review letter.

**Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.**

**To arrange for inspection of the project, please contact the District Office at the phone number below, two (2) to three (3) weeks in advance. Approved plans must be available on job site at time of inspection. Certificate of completion must be provided to inspecting Deputy for final inspection.**

REVIEWED BY:  
WILLIAM JENSEN  
ARCHITECT

**CC:**

Cantrelle Braithwaite

Jefferson Parish Fire Prevention

Sam Vanover\*

New Orleans District\* 5042194600

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PAUL SMITH  
FIRE MARSHAL

**PLAN REVIEW EXTENSION**

EMMETT DAMMON, P.E., E.E  
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SLIDELL, LA 70458-0000

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Dear Applicant:

Review of plans and specifications for the subject project issued by this office dated 07/24/2006 is extended until 3/17/2008.

This letter shall in no way alter any other requirement of the original letter of review.

REVIEWED BY:  
WILLIAM JENSEN  
ARCHITECT

CC:  
Cantrelle Braithwaite  
Jefferson Parish Fire Prevention\*  
New Orleans District\* 5042194600