§ 149.641 What are the structural fire protection requirements for accommodation spaces and modules?

(a) Accommodation spaces and modules must be designed, located, and constructed so as to minimize the effects of flame, excess heat, or blast effects caused by fires and explosions; and to provide safe refuge from fires and explosions for personnel for the minimum time needed to evacuate the space.

(b) This requirement may be met by complying with 46 CFR 108.131 through 108.147, provided that:

(1) The exterior boundaries of superstructures and deckhouses enclosing these spaces and modules, including any overhanging deck that supports these spaces and modules, are constructed to the A-60 standard defined in 46 CFR 108.131(b)(2) for any portion that faces and is within 100 feet of the hydrocarbon source (e.g., LNG flanges, send out line, etc.); and

(2) The ventilation system has both a means of shutting down the system and an alarm at a manned location that sounds when any hazardous or toxic substance enters the system.

(c) As an alternative to paragraph (b) of this section, the requirement imposed by this section may be met by complying with a national consensus standard, as that term is defined in 29
§ 149.650 What are the requirements for single point moorings and their attached hoses?

Each single point mooring and its attached hose must be designed for the protection of the environment and for durability under combined wind, wave, and current forces of the most severe storm that can be expected to occur at the port in any 100-year period. The appropriateness of a design may be shown by its compliance with standards generally used within the offshore industry that are at least equivalent, in protecting the environment, to the standards in use on January 1, 2003, by any recognized classification society as defined in 46 CFR 8.100.

§ 149.655 What are the requirements for helicopter fueling facilities?

Helicopter fueling facilities must comply with 46 CFR 108.489 or an equivalent standard.

§ 149.660 What are the requirements for emergency power?

(a) Each pumping platform complex must have emergency power equipment including power source, associated transforming equipment, and switchboard to provide power to simultaneously operate all of the following for a continuous period of 18 hours:
   (1) Emergency lighting circuits;
   (2) Aids to navigation equipment;
   (3) Communications equipment;
   (4) Radar equipment;
   (5) Alarm systems;
   (6) Electrically operated fire pumps; and
   (7) Other electrical equipment identified as emergency equipment in the operations manual for the deepwater port.

(b) The equipment required by paragraph (a) of this section must:
   (1) All be located in the same space; and
   (2) Contain only machinery and equipment for the supply of emergency power (in other words, no oil or natural gas transfer pumping equipment) in accordance with 46 CFR 112.05.

§ 149.665 What are the requirements for a general alarm system?

Each pumping platform complex must have a general alarm system that:
   (a) Is capable of being manually activated by using alarm boxes;
   (b) Is audible in all parts of the pumping platform complex, except in areas of high ambient noise levels where hearing protection is required under §150.613 of this chapter; and
   (c) Has a high intensity flashing light in areas where hearing protection is used.

§ 149.670 What are the requirements for marking a general alarm system?

Each of the following must be marked with the words “General Alarm” in yellow letters at least 1 inch high on a red background:
   (a) Each general alarm box; and