

(i) Before electrical storms or uncontrolled fires are adjacent to the marine transfer area for LNG; and

(ii) As soon as a fire is detected; and

(4) Ensure that the lighting systems are turned on between sunset and sunrise.

NOTE: Vessel transfer requirements are published in 46 CFR Part 154.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended by CGD 88-049, 60 FR 39796, Aug. 3, 1995]

#### § 127.321 Release of LNG.

(a) The operator of the waterfront facility handling LNG shall ensure that—

(1) No person releases LNG into the navigable waters of the United States; and

(2) If there is a release of LNG, vessels near the facility are notified of the release by the activation of the warning alarm.

(b) If there is a release of LNG, the person in charge of shoreside transfer operations shall—

(1) Immediately notify the person in charge of cargo transfer on the vessel of the intent to shutdown;

(2) Shutdown transfer operations;

(3) Notify the COTP of the release; and

(4) Not resume transfer operations until authorized by the COTP.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended by CGD 88-049, 60 FR 39796, Aug. 3, 1995]

### MAINTENANCE

#### § 127.401 Maintenance: General.

The operator of the waterfront facility handling LNG shall ensure that the equipment required under this part is maintained in a safe condition so that it does not cause a release or ignition of LNG.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended by CGD 88-049, 60 FR 39796, Aug. 3, 1995]

#### § 127.403 Inspections.

The operator shall conduct a visual inspection for defects of each pressure-relief device not capable of being tested, at least once each calendar year, with intervals between inspections not exceeding 15 months, and make all repairs in accordance with § 127.405.

#### § 127.405 Repairs.

The operator shall ensure that—

(a) Equipment repairs are made so that—

(1) The equipment continues to meet the applicable requirements in this subpart and in NFPA 59A; and

(2) Safety is not compromised; and

(b) Welding is done in accordance with NFPA 51B and NFPA 59A, Chapter 6, Section 6-3.4.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended by CGD 88-049, 60 FR 39796, Aug. 3, 1995]

#### § 127.407 Testing.

(a) The operator shall pressure test under paragraph (b) of this section the transfer system, including piping, hoses, and loading arms, and verify the set pressure of the safety and relief valves—

(1) After the system or the valves are altered;

(2) After the system or the valves are repaired;

(3) After any increase in the MAWP; or

(4) For those components that are not continuously kept at cryogenic temperature, at least once each calendar year, with intervals between testing not exceeding 15 months.

(b) The pressure for the transfer system test under paragraph (a) of this section must be at 1.1 times the MAWP and be held for a minimum of 30 minutes.

#### § 127.409 Records.

(a) The operator shall keep on file the following information:

(1) A description of the components tested under § 127.407.

(2) The date and results of the test under § 127.407.

(3) A description of any corrective action taken after the test.

(b) The information required by this section must be retained for 24 months.

### PERSONNEL TRAINING

#### § 127.501 Applicability.

The training required by this subpart must be completed before LNG is transferred.