

shall identify sources of additional equipment equal to twice the cap listed in Tiers 1, 2, and 3 or the amount necessary to reach the calculated planning volume, whichever is lower. The identified resources must be capable of arriving on scene not later than the Tier 1, 2, and 3 response times in this section. No contract is required. While general listings of available response equipment may be used to identify additional sources, a response plan must identify the specific sources, locations, and quantities of equipment that a facility owner or operator has considered in his or her planning. When listing Coast Guard classified oil spill removal organization(s) which have sufficient removal capacity to recover the volume above the response capability cap for the specific facility, as specified in Table 5 in appendix C of this part, it is not necessary to list specific quantities of equipment.

(n) The Coast Guard will initiate a review of cap increases and other requirements contained within this subpart that are scheduled to be phased in over time. Any changes in the requirements of this section will occur through a public notice and comment process.

(1) During this review, the Coast Guard will determine if the scheduled increase for February 1998 remains practicable, and will also establish a specific cap for 2003. The review will include but is not limited to—

- (i) Increase in skimming efficiencies and design technology;
- (ii) Oil tracking technology;
- (iii) High rate response techniques;
- (iv) Other applicable response technologies; and
- (v) Increases in the availability of private response resources.

(2) All scheduled future requirements will take effect unless the Coast Guard determines that they are not practicable. Scheduled changes will be effective in February 1998 and 2003 unless the review of the additional requirements has not been completed by the Coast Guard. If this occurs, the additional requirements will not be effective until 90 days after publication of a FEDERAL REGISTER notice with the results of the review.

**§ 154.1047 Response plan development and evaluation criteria for facilities that handle, store, or transport Group V petroleum oils.**

(a) An owner or operator of a facility that handles, stores, or transports Group V petroleum oils must provide information in his or her response plan that identifies—

- (1) Procedures and strategies for responding to a worst case discharge of Group V petroleum oils to the maximum extent practicable; and
- (2) Sources of the equipment and supplies necessary to locate, recover, and mitigate such a discharge.

(b) An owner or operator of a facility that handles, stores, or transports Group V petroleum oil must ensure that any equipment identified in a response plan is capable of operating in the conditions expected in the geographic area(s) in which the facility operates using the criteria in Table 1 of appendix C of this part. When evaluating the operability of equipment, the facility owner or operator must consider limitations that are identified in the ACPs for the COTP zones in which the facility operates, including—

- (1) Ice conditions;
- (2) Debris;
- (3) Temperature ranges; and
- (4) Weather-related visibility.

(c) The owner or operator of a facility that handles, stores, or transports Group V petroleum oil must identify the response resources that are available by contract or other approved means as described in §154.1028. The equipment identified in a response plan must include—

- (1) Sonar, sampling equipment, or other methods for locating the petroleum oil on the bottom or suspended in the water column;
- (2) Containment boom, sorbent boom, silt curtains, or other methods for containing the petroleum oil that may remain floating on the surface or to reduce spreading on the bottom;
- (3) Dredges, pumps, or other equipment necessary to recover petroleum oil from the bottom and shoreline;
- (4) Equipment necessary to assess the impact of such discharges; and

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(5) Other appropriate equipment necessary to respond to a discharge involving the type of petroleum oil handled, stored, or transported.

(d) Response resources identified in a response plan for a facility that handles, stores, or transports Group V petroleum oils under paragraph (c) of this section must be capable of being at the spill site within 24 hours of discovery of a discharge.

(e) A response plan for a facility that handles, stores, or transports Group V petroleum oils must identify response resources with firefighting capability. The owner or operator of a facility that does not have adequate firefighting resources located at the facility or that can not rely on sufficient local firefighting resources must identify and ensure, by contract or other approved means as described in §154.1028, the availability of adequate firefighting resources. The response plan must also identify an individual located at the facility to work with the fire department for petroleum oil fires. This individual shall also verify that sufficient well-trained firefighting resources are available within a reasonable response time to a worst case scenario. The individual may be the qualified individual as defined in §154.1020 and identified in the response plan or another appropriate individual located at the facility.

**§ 154.1050 Training.**

(a) A response plan submitted to meet the requirements of §§154.1035 or 154.1040, as appropriate, must identify the training to be provided to each individual with responsibilities under the plan. A facility owner or operator must identify the method to be used for training any volunteers or casual laborers used during a response to comply with the requirements of 29 CFR 1910.120.

(b) A facility owner or operator shall ensure the maintenance of records sufficient to document training of facility personnel; and shall make them available for inspection upon request by the U.S. Coast Guard. Records for facility personnel must be maintained at the facility for 3 years.

(c) Where applicable, a facility owner or operator shall ensure that an oil

spill removal organization identified in a response plan to meet the requirements of this subpart maintains records sufficient to document training for the organization's personnel and shall make them available for inspection upon request by the facility's management personnel, the qualified individual, and U.S. Coast Guard. Records must be maintained for 3 years following completion of training.

(d) The facility owner or operator remains responsible for ensuring that all private response personnel are trained to meet the Occupational Safety and Health Administration (OSHA) standards for emergency response operations in 29 CFR 1910.120.

**§ 154.1055 Exercises.**

(a) A response plan submitted by an owner or operator of an MTR facility must include an exercise program containing both announced and unannounced exercises. The following are the minimum exercise requirements for facilities covered by this subpart:

(1) Qualified individual notification exercises (quarterly).

(2) Spill management team tabletop exercises (annually). In a 3-year period, at least one of these exercises must include a worst case discharge scenario.

(3) Equipment deployment exercises:

(i) Semiannually for facility owned and operated equipment.

(ii) Annually for oil spill removal organization equipment.

(4) Emergency procedures exercises (optional).

(5) Annually, at least one of the exercises listed in §154.1055(a)(2) through (4) must be unannounced. Unannounced means the personnel participating in the exercise must not be advised in advance, of the exact date, time and scenario of the exercise.

(6) The facility owner or operator shall design the exercise program so that all components of the response plan are exercised at least once every 3 years. All of the components do not have to be exercised at one time; they may be exercised over the 3-year period through the required exercises or through an Area exercise.

(b) A facility owner or operator shall participate in unannounced exercises,