

Water Pollution Control Act (FWPCA) amendments of 1972, to prevent discharges of oil into the navigable waters of the United States and to contain these discharges if they do occur. These regulations require installations having certain nontransportation-related onshore and offshore oil storage facilities (as described below) to prepare, maintain, and implement a Spill Prevention Control and Countermeasure Plan (SPCC plan) to prevent and control the discharge of oil and hazardous substances before they occur.

(a) The SPCC plan will identify potential sources of oil and hazardous substances and the measures required to prevent and contain any accidental discharge resulting from equipment or storage facility failure. The SPCC plan is directed by Title 40 CFR part 112, copies of which are available from the EPA, Washington, DC 20242 or from any EPA regional office.

(b) Army installations will prepare and implement a current SPCC plan when their oil or hazardous substance storage facilities meet any one of the following:

(1) Aggregate above-ground oil storage, at any one location on the installation, is greater than 1,320 gallons.

(2) Any single tank above-ground oil storage, at any one location on the installation, is greater than 660 gallons.

(3) Total underground oil storage, at any one location on the installation, is greater than 42,000 gallons.

(4) Single bulk storage of hazardous liquid substances (acids, chemical solvents, etc.) is greater than 500 gallons. The 500 gallon limit represents that total combined quantity of hazardous liquid substance at a single storage location on an installation.

(5) Nontransportation-related onshore and offshore facilities which, because of their location or operations, could reasonably be expected to discharge oil or hazardous material in harmful quantities into or upon the navigable waters of the United States.

(c) For purposes of an SPCC plan, the oil storage facilities will include, but not be limited to, storage for a facility such as a heating or boiler plant, electric generating unit, fuel dispensing or transfer facility, tank car or truck

loading/unloading rack, bulk fuel storage, etc. An above-ground or underground oil storage facility may be a single tank or grouping of tanks in a localized area on an installation.

#### **§650.209 Preparation and implementation of plan.**

(a) An SPCC plan will be prepared expeditiously by each installation having oil or hazardous substances storage facilities as required in §650.208(b), and each plan will be periodically reviewed triennially and updated as necessary.

(b) Completed plans will be fully implemented (including required construction and installation of equipment and/or training of personnel) as soon as possible after January 10, 1975. Newly activated installations will prepare an SPCC plan within 6 months after the date they begin operation and will fully implement it not later than 1 year after operations begin.

(c) An extension of time for the preparation and full implementation of an SPCC Plan beyond the times specified may be obtained from the EPA Regional Administrator. A copy of any request for an extension will be furnished through command channels to HQDA (DAEN—ZCE) Wash., DC 20310.

#### **§650.210 Review and evaluation.**

Each SPCC plan will be—

(a) Reviewed by a registered professional engineer (PE) and certified to have been prepared in accordance with good engineering practices, after onsite examination of the facility, and after familiarity with title 40 CFR part 112. This certification may be accomplished by a PE at the next higher command if no PE is available at the installation.

(b) Original and changes maintained current and reviewed by a registered professional engineer and will be made available for onsite review by the EPA regional administrator at the office of the facilities engineer. Copies of all original plans and changes will also be filed at appropriate MACOM environmental office.

(c) Reviewed and evaluated at least once every 3 years. If the review shows that more effective prevention and control technology will significantly reduce the likelihood of a spill event and if the technology has been field-

proven and can be procured and installed at the time of the review, the DA component will amend the SPCC plan to include the more effective technology and have it certified by a registered professional engineer. Technological improvements should be included in Operation and Maintenance, Army or Major Construction, Army budgets as appropriate.

(d) Reviewed and amended in accordance with § 650.216, as required by the EPA Regional Administrator, whenever a facility has discharged more than 1,000 US gallons of oil into the navigable waters in a single spill event or when there have been two spill events within any 12-month period.

**§ 650.211 Minimum plan requirements.**

As a minimum, the SPCC plan will contain—

(a) A detailed description of the equipment and measures specified for oil spill prevention, control, and countermeasure, including structures and equipment for diversion and containment of discharges, facility drainage, and identification of resources to cleanup spills. Measures adopted should permit as far as practical reclamation of spilled substance. Many prevention and control requirements are similar to safety requirements for the design and operation of oil tanks, pipelines and pumping facilities.

(b) A description of each nontransportation-related spill event that has occurred at that facility within the past 12 months with corrective actions taken, and plans for preventing recurrence.

(c) An inventory list of storage, handling, and transfer facilities for which there is a reasonable possibility of a significant discharge of oil or other hazardous polluting substances. For each listing, where experience indicates a reasonable potential for equipment failure (e.g., tank overflow, rupture, or leakage), include a prediction of the direction, rate of flow, and total quantity of oil which could be discharged as a result of a major type of failure.

(d) A graphic description showing all containment and/or diversionary structures or equipment required to prevent

discharged oil from reaching a navigable water course. Included among the various preventive measures that can be employed are: Impervious berm and dike; curbing; culverting, gutters, or other drainage systems; weirs, booms, or other barriers; spill diversion ponds; and retention ponds. If it is not practicable to install structures, sorbent materials such as straw or commercial products can be used for containment or cleanup of spills at locations specified in the plan.

(e) When it is determined that the installation of the preventative structures or equipment listed in § 650.211(d) is not practicable, the installation commander will demonstrate fully such impracticability and include the written provisions of the Installation Spill Contingency Plan (ISCP) in this section of the SPCC plan.

**§ 650.212 Detailed guidance.**

In addition to the minimum prevention measures (§ 650.211), sections of the SPCC plan will include a written analysis and complete discussion of conformance with applicable guidelines on other effective spill prevention and containment procedures. The guidelines are described in title 40 CFR 112.7(e) and cover the following areas:

(a) Onshore facility diked storage drainage areas including valve restraints.

(b) Onshore bulk storage tank and dike construction material, liquid alarm systems and sensing devices.

(c) Facility transfer operations criteria for piping, valves, and inspection requirements.

(d) Facility tank car and tank truck loading/unloading rack, barriers, and warning requirements.

(e) Field storage, mobile, and portable fueling facilities such as bladders and tank trucks (See 40 CFR 112.3).

(f) Inspections and records procedures.

(g) Security fencing, pump control, pipeline connections, and lighting systems devices.

(h) Personnel, training, and spill prevention procedures.