



Appendix EPS 32-R1 SPCC Regulatory Requirements

Jefferson Lab is required to prepare and implement a SPCC Plan according to guidelines in 40 CFR 112, Oil Pollution Prevention. The SPCC Plan is a separate, controlled document that specifies equipment and procedures used to:

- prevent contamination of the environment from oil spills,
- delineate measures to control oil spills or leaks, and
- identify countermeasures, cleanup actions, and reporting requirements for oil events.

SPCC Plan regulatory requirements include

❖ Management commitment and approval

The SPCC Plan shall be prepared in accordance with good engineering practices and have full management approval. Management is responsible for properly instructing their personnel in the operation and maintenance of equipment. All personnel operating or performing maintenance on oil-containing equipment should have adequate understanding of the SPCC Plan. The SPCC Plan is a written commitment of manpower, equipment, and materials required to address all spill prevention opportunities and to expeditiously control and remove any harmful quantity of oil discharged.

❖ Registered Professional Engineer certification

A SPCC Plan will not be effective unless it has been reviewed and approved by a Registered Professional Engineer. This certification attests that the SPCC Plan has been prepared in accordance with good engineering practices and the engineer is familiar with the SPCC regulations, he or his agent has visited and examined the facility, that procedures for required inspections and testing (of bulk petroleum containers) have been established, and that the plan is adequate for the facility.

❖ EPA Interface

- There is a copy available for the EPA Regional Administrator to review in the VARC, Building 28, Room 51 or the ARC, Building 001, Room 602 during normal business hours.
- Spills greater than 1,000 gallons of oil or two reportable discharges (of 42 gallons or more) in a 12 month period require that the SPCC Plan be submitted to the EPA for review.



Preparing to test for contaminants in the used oil

- ❖ Review and evaluation of the SPCC Plan
 - Complete review, evaluation, and recertification of the SPCC Plan by Jefferson Lab is required every five years. The SPCC Coordinator shall organize the reviews and any other updates of the document. As a result of this review and evaluation, the SPCC Plan shall be amended, if required, within 6 months of the review to include more effective prevention and control technologies or if more effective means of reducing spills are available.
 - No amendment shall be effective unless certified by a professional engineer, and
 - Amendments shall be implemented within six months.

- ❖ Reportable discharge notification
 - Where experience indicates a reasonable potential for equipment failure, the Plan includes a prediction of the direction, rate of flow, and total quantity of oil which could be discharged from the facility as a result of each major type of failure. Any discharges of a harmful quantity of oil involving U.S. waters must be reported to the National Response Center (NRC).
 - Follow notification requirements in [Appendix 6710-T1 Internal, External, Environmental Communications](#) to NRC for discharges of oil in violation of 40 CFR 110.6.

- ❖ Other requirements
 - Provide containment structures or equipment to prevent oil from reaching any water channel.
 - A complete discussion of conformance with applicable guidelines.
 - All areas involved in handling, processing, and/or storing oil or used oil shall be fully fenced, and entrance gates shall be locked and/or guarded when daily operations are not being performed.
 - Persons handling oil must receive training commensurate with their responsibilities. See the Qualifications section in [EPS-32 Oil-Spill Prevention, Control, and Countermeasures](#).

