

(a) DOT Specification 7A (§173.350 of this subchapter) Type A general packaging. Each offeror of a Specification 7A package must maintain on file for at least one year after the latest shipment, and shall provide to DOT on request, complete documentation of tests and an engineering evaluation or comparative data showing that the construction methods, packaging design, and materials of construction comply with that specification. Use of Specification 7A packagings designed in accordance with the requirements of §173.350 of this subchapter in effect on June 30, 1983 (see 49 CFR part 178 revised as of October 1, 1982), is not authorized after April 1, 1997.

(b) Any other Type A packaging that also meets the applicable standards for fissile materials in 10 CFR part 71 and is used in accordance with §173.471.

(c) Any Type B, B(U) or B(M) packaging authorized pursuant to §173.416.

(d) Any foreign-made packaging that meets the standards in IAEA "Safety Series No. 6" and bears the marking "Type A" and was used for the import of Class 7 (radioactive) materials. Such packagings may be subsequently used for domestic and export shipments of Class 7 (radioactive) materials provided the offeror obtains the applicable documentation of tests and engineering evaluations and maintains the documentation on file in accordance with paragraph (a) of this section. These packagings must conform with requirements of the country of origin (as indicated by the packaging marking) and the IAEA regulations applicable to Type A packagings.

#### § 173.416 Authorized Type B packages.

Each of the following packages is authorized for shipment of quantities exceeding  $A_1$  or  $A_2$ , as appropriate:

(a) Any Type B, Type B(U) or Type B(M) packaging that meets the applicable requirements of 10 CFR part 71 and that has been approved by the U.S. Nuclear Regulatory Commission may be shipped pursuant to §173.471.

(b) Any Type B, B(U) or B(M) packaging that meets the applicable requirements of the regulations of the International Atomic Energy Agency (IAEA) in its "Regulations for the Safe Transport of Radioactive Materials,

Safety Series No. 6" and for which the foreign competent authority certificate has been revalidated by DOT pursuant to §173.473. These packagings are authorized only for export and import shipments.

(c) DOT Specification 6M (§173.354 of this subchapter) metal packaging, only for solid or gaseous Class 7 (radioactive) materials that will not undergo pressure-generating decomposition at temperatures up to 121 °C (250 °F) and that do not generate more than 10 watts of radioactive decay heat.

(d) For contents in other than special form; DOT Specification 20WC (§173.362 of this subchapter), wooden protective jacket, when used with a single, snug-fitting inner DOT Specification 2R (§173.360 of this subchapter). For liquid contents, the inner packaging must conform to §173.412(j) and (k).

(e) For contents in special form only; DOT Specification 20WC (§173.362 of this subchapter), wooden protective jacket, with a single snug-fitting inner Type A packaging that has a metal outer wall and conforms to §173.350 of this subchapter. Radioactive decay heat may not exceed 100 watts.

(f) For contents in special form only; DOT Specification 21WC (§173.364 of this subchapter), wooden protective overpack, with a single inner DOT Specification 2R (§173.360 of this subchapter). Contents must be loaded within the inner packaging in such a manner as to prevent loose movement during transportation. The inner packaging must be securely positioned and centered within the overpack so that there will be no significant displacement of the inner packaging if the overpack containing it is subjected to the 9 m (30 feet) drop test described in 10 CFR part 71.

[Amdt. 173-244, 60 FR 50307, Sept. 28, 1995, as amended by 63 FR 52849, Oct. 1, 1998; 66 FR 45380, Aug. 28, 2001]

#### § 173.417 Authorized fissile materials packages.

(a) Except as provided in §173.453, fissile materials containing not more than  $A_1$  or  $A_2$  as appropriate, must be packaged in one of the following packagings:

(1) DOT Specification 6L (§173.352 of this subchapter), metal packaging, for