

## § 110.22

nuclear material as incidental radioactive material shall file a completed NRC Form 7 before the export takes place if the total weight of the shipment exceeds 100 kilograms.

[49 FR 47198, Dec. 3, 1984, as amended at 58 FR 13003, Mar. 9, 1993; 59 FR 48997, Sept. 26, 1994; 60 FR 37563, July 21, 1995; 65 FR 70290, Nov. 22, 2000]

### § 110.22 General license for the export of source material.

(a) Except as provided in paragraph (e) of this section, a general license is issued to any person to export the following to any country not listed in § 110.28:

(1) Uranium or thorium, other than U-230, U-232, Th-227, and Th-228, in any substance in concentrations of less than 0.05 percent by weight.

(2) Thorium, other than Th-227 and Th-228, in incandescent gas mantles or in alloys in concentrations of 5 percent or less.

(3) Th-227, Th-228, U-230, and U-232 when contained in a device, or a source for use in a device, in quantities of less than 100 millicuries of alpha activity (3.12 micrograms Th-227, 122 micrograms Th-228, 3.7 micrograms U-230, 4.7 milligrams U-232) per device or source.

(b) Except as provided in paragraph (e) of this section, a general license is issued to any person to export uranium or thorium, other than U-230, U-232, Th-227, or Th-228, in individual shipments of 10 kilograms or less to any country not listed in § 110.28 or § 110.29, not to exceed 1,000 kilograms per year to any one country or 500 kilograms per year to any one country when the uranium or thorium is of Canadian origin.

(c) A general license is issued to any person to export uranium, enriched to less than 20 percent in U-235, in the form of UF<sub>6</sub> heels in cylinders being returned to suppliers in EURATOM.

(d) Except as provided in paragraph (e) of this section, a general license is issued to any person to export uranium or thorium, other than U-230, U-232, Th-227, or Th-228, in individual shipments of 1 kilogram or less to any country listed in § 110.29, not to exceed 100 kilograms per year to any one country.

## 10 CFR Ch. I (1-1-05 Edition)

(e) Except as provided in paragraph (e) of this section, a general license is issued to any person to export U-230, U-232, Th-227, or Th-228 in individual shipments of 10 kilograms or less to any country listed in § 110.30, not to exceed 1,000 kilograms per year to any one country or 500 kilograms per year to any one country when the uranium or thorium is of Canadian origin.

(f) Paragraphs (a), (b), (c), and (d) of this section do not authorize the export under general license of source material in radioactive waste.

(g) Persons using the general licenses in paragraphs (a), (b), (c), and (d) of this section as authority to export source material as incidental radioactive material shall file a completed NRC Form 7 before the export takes place if the total weight of the shipment exceeds 100 kilograms.

[49 FR 47198, Dec. 3, 1984, as amended at 58 FR 13003, Mar. 9, 1993; 59 FR 48997, Sept. 26, 1994; 60 FR 37563, July 21, 1995; 61 FR 35602, July 8, 1996; 65 FR 70290, Nov. 22, 2000]

### § 110.23 General license for the export of byproduct material.

(a) A general license is issued to any person to export byproduct material (see appendix L to this part) except that:

(1) This section does not authorize the export of byproduct material to any embargoed country listed in § 110.28, or byproduct material in radioactive waste, or tritium for recovery or recycle purposes.

(2) Actinium-225 and -227, americium-241 and -242m, californium-248, -249, -250, -251, -252, -253, and -254, curium-240, -241, -242, -243, -244, -245, -246 and -247, einsteinium-252, -253, -254 and -255, fermium-257, gadolinium-148, mendelevium-258, neptunium-235 and -237, polonium-210, and radium-223 must be contained in a device, or a source for use in a device, in quantities of less than 100 millicurie of alpha activity (see § 110.2 for specific activity) per device or source, unless the export is to a country listed in § 110.30. Exports of americium and neptunium are subject to the reporting requirements listed in paragraph (b) of this section.

(3) For americium-241, exports must not exceed one curie (308 milligrams) per shipment or 100 curies (30.8 grams)