§ 110.21 General license for the export of special nuclear material.

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

1. Low-enriched uranium as residual contamination (17.5 parts per million or less) in any item or substance.
2. Plutonium containing 80 percent or more by weight of plutonium-238 in cardiac pacemakers.
3. Special nuclear material, other than Pu–236 and Pu–238, in sensing components in instruments, if no more than 3 grams of enriched uranium or 0.1 gram of Pu or U–233 are contained in each sensing component.
4. Pu–236 and Pu–238 when contained in a device, or a source for use in a device, in quantities of less than $3.7 \times 10^{3}$ TBq (189 micrograms Pu–236, 5.88 millicuries) of alpha activity.

(b) Except as provided in paragraph (d) of this section, a general license is issued to any person to export the following to any country not listed in §§110.29 through 110.30 only:

1. Special nuclear material, other than Pu–236 and Pu–238, in individual shipments of 0.001 effective kilogram or less (e.g., 1.0 gram of plutonium, U–233 or U–235, or 10 kilograms of 1 percent enriched uranium), not to exceed 0.1 effective kilogram per year to any one country.
2. Special nuclear material in fuel elements as replacements for damaged or defective unirradiated fuel elements previously exported under a specific license, subject to the same terms as the original export license and the condition that the replaced fuel elements were not used in any activity related to isotope separation, chemical reprocessing, heavy water production or the fabrication of nuclear fuel containing plutonium, unless these activities are generically authorized under an appropriate agreement for cooperation.

(c) A person who uses an NRC general license as the authority to export or import may cite on the shipping documents the section of this part which authorizes the described export or import under general license, as a means of expediting U.S. Customs Service’s processing of the shipment.

(d) A general license for export may not be used if the exporter knows, or has reason to believe, that the material will be used in any activity related to isotope separation, chemical reprocessing, heavy water production or the fabrication of nuclear fuel containing plutonium, unless these activities are generically authorized under an appropriate agreement for cooperation.

(e) A person who uses an NRC general license as the authority to export or import may cite on the shipping documents the section of this part which authorizes the described export or import under general license, as a means of expediting U.S. Customs Service’s processing of the shipment.
must be returned to the United States within a reasonable time period.

(3) Uranium, enriched to less than 20 percent in U–235, in the form of UF6 heels in cylinders being returned to suppliers in EURATOM.

(c) Except as provided in paragraph (d) of this section, a general license is issued to any person to export Pu–236 or Pu–238 to any country listed in §110.30 in individual shipments of 1 gram or less, not to exceed 100 grams per year to any one country.

(d) The general licenses in paragraphs (a), (b), and (c) of this section do not authorize the export of special nuclear material in radioactive waste.

(e) Persons using the general licenses in paragraphs (a), (b), and (c) of this section do not authorize the export special nuclear material as incidental radioactive waste.

§ 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 $3.7 \times 10^{-3}$ TBq (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 UF6 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.

(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.

§ 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...