

§ 774.1

15 CFR Ch. VII (1–1–04 Edition)

§ 774.1 Introduction.

In this part, references to the EAR are references to 15 CFR chapter VII, subchapter C. The Bureau of Industry and Security (BIS) maintains the Commerce Control List (CCL) that includes items (commodities, software, and technology) subject to the authority of BIS. The CCL does not include those items exclusively controlled for export by another department or agency of the U.S. Government. In instances where other agencies administer controls over related items, entries in the CCL will contain a reference to these controls. Those items subject to the EAR but not specified on the CCL are identified by the designator “EAR99”. See § 734.2(a) of the EAR for items that are “subject to the EAR”. You should consult part 738 of the EAR for an explanation of the organization of the CCL and its relationship to the Country Chart.

The CCL is contained in Supplement No. 1 to this part, and Supplement No. 2 to this part contains the General Technology and Software Notes relevant to entries contained in the CCL.

§ 774.2 [Reserved]

SUPPLEMENT NO. 1 TO PART 774—THE COMMERCE CONTROL LIST

CATEGORY 0—NUCLEAR MATERIALS, FACILITIES, AND EQUIPMENT [AND MISCELLANEOUS ITEMS]

A. SYSTEMS, EQUIPMENT AND COMPONENTS

**0A001 “Nuclear reactors”, i.e., reactors capable of operation so as to maintain a controlled, self-sustaining fission chain reaction, and equipment and components specially designed or prepared for use in connection with a “nuclear reactor”, including (see List of Items Controlled).**

LICENSE REQUIREMENTS

*Reason for Control:*

*Control(s):* Items described in 0A001 are subject to the export licensing authority of the Nuclear Regulatory Commission (see 10 CFR part 110)

LICENSE EXCEPTIONS

LVS: N/A

GBS: N/A

CIV: N/A

LIST OF ITEMS CONTROLLED

*Unit:* N/A.

*Related Controls:* N/A

*Related Definitions:* N/A

*Items:* a. Pressure vessels, i.e. metal vessels as complete units or X parts therefor, which are specially designed or prepared to contain the core of a “nuclear reactor” and are capable of withstanding the operating pressure of the primary coolant, including the top plate for a reactor pressure vessel;

b. Fuel element handling equipment, including reactor fuel charging and discharging machines;

c. Control rods specially designed or prepared for the control of the reaction rate in a “nuclear reactor”, including the neutron absorbing part and the support or suspension structures therefore, and control rod guide tubes;

d. Electronic controls for controlling the power levels in “nuclear reactors”, including reactor control rod drive mechanisms and radiation detection and measuring instruments to determine neutron flux levels;

e. Pressure tubes specially designed or prepared to contain fuel elements and the primary coolant in a “nuclear reactor” at an operating pressure in excess of 5.1 MPa;

f. Tubes or assemblies of tubes, made from zirconium metal or alloy in which the ratio of hafnium to zirconium is less than 1:500 parts by weight, specially designed or prepared for use in a “nuclear reactor”;

g. Coolant pumps specially designed or prepared for circulating the primary coolant of “nuclear reactors”;

h. Internal components specially designed or prepared for the operation of a “nuclear reactor”, including core support structures, thermal shields, baffles, core grid plates and diffuser plates;

i. Heat exchangers.

**0A002 Power generating or propulsion equipment specially designed for use with space, marine or mobile “nuclear reactors”. (These items are subject to the export licensing authority of the U.S. Department of State, Office of Defense Trade Controls. See 22 CFR part 121.)**

**0A018 Items on the International Munitions List.**

LICENSE REQUIREMENTS

*Reason for Control:* NS, AT, UN.

Control(s)	Country chart
NS applies to entire entry .....	NS Column 1.
AT applies to entire entry .....	AT Column 1.
UN applies to entire entry .....	Rwanda.

LICENSE EXCEPTIONS

LVS: \$5000 for 0A018.a and .b, \$3000 for 0A018.c, \$1500 for 0A018.d through .f, \$0 for Rwanda

GBS: N/A

CIV: N/A

LIST OF ITEMS CONTROLLED