

APPENDIX A

1. Parts for specially designed equipment described in items 2 to 14 inclusive of this list.

2. Plant and equipment specially designed for the fabrication of fuel elements containing source (fertile) or fissionable materials.

3. Plant and equipment specially designed for the production or concentration of deuterium or deuterium oxide.

4. Equipment specifically designed for the separation of isotopes of uranium or lithium.

5. Machines, materials or equipment specially designed for use in the processing of irradiated nuclear materials in order to isolate or recover fissionable materials, such as nuclear reactor fuel chopping machines, countercurrent solvent extractors, and specially designed parts and accessories therefor.

6. Equipment specially designed for the processing of source (fertile) of fissionable material including plants specially designed for the production of uranium hexafluoride (UF₆).

7. Valves, 3 centimetres or greater in diameter, with bellows seals, wholly made of or lined with aluminum, nickel, or alloy containing 60 per cent or more nickel, either manually or automatically operated.

8. Gas centrifuges capable of the enrichment or separation of isotopes and specially designed parts and equipment for gas centrifuges and gas centrifuge installations.

9. Blowers and compressors (turbo, centrifugal and axial flow types), wholly made of or lined with aluminum, nickel or alloy containing 60 per cent or more nickel, and having a capacity of 60 cubic feet per minute (1,700 litres per minute) or greater.

10. Electrolytic cells for the production of fluorine, with a production capacity greater than 250 grams of fluorine per hour.

11. Heat exchangers, suitable for use in gaseous diffusion plants (i.e. heat exchangers made of aluminum, copper, nickel or alloys containing more than 60 per cent nickel or combinations of these metals as clad tubes), designed to operate at subatmospheric pressure, with a leak rate of less than 10^{-4} atmospheres per hour under a pressure differential of 1 atmosphere.

12. Nuclear reactors, i.e. reactors capable of operation so as to maintain a controlled, self-sustaining fission chain reaction and equipment specially designed therefor.

13. Neutron generator tubes designed for operation without an external vacuum system, and utilizing electrostatic acceleration to induce a tritium-deuterium nuclear reaction.

14. Process control instrumentation, specially designed or modified for monitoring or controlling the processing of irradiated fissionable or fertile materials and lithium.