

furtherance of the joint Canada-United States defence effort in the development of an early warning radar network, may be exchanged.

(3) It is agreed that neither of the parties to this Agreement will exchange Restricted Data on any specific production, experimental power, demonstration power, and power reactor, unless that type of reactor is being operated currently by the other party, or is being considered seriously for construction by the other party as a source of power or as an intermediate step in a power production programme. There will, however, be exchanged such general information on design and characteristics of various types of reactors as is required to permit evaluation and comparison of their potential use in a power production programme.

C. Source Materials

Geology, exploration techniques, chemistry and technology of extracting uranium and thorium from their ores and concentrates, the chemistry, production technology, and techniques of purification and fabrication of uranium and thorium compounds and metals, including design, construction and operation of plants, except as provided in Paragraph A.

D. Materials

(1) Physical, chemical and nuclear properties of all elements, compounds, alloys, mixtures, special nuclear materials, byproduct material, other radioisotopes, and stable isotopes, and their behaviour under various conditions, except as provided in Paragraph A.

(2) Technology of production and utilization, from laboratory experimentation and theory of production up to pilot plant operations (but not including design and operation of pilot plants and full-scale plants, except as may be agreed), of all elements, compounds, alloys, mixtures, special nuclear material, byproduct material, other radioisotopes, and stable isotopes, relevant to and subject to the limitations of Paragraphs B, E and F of this Article, except as provided in Paragraph A and (a), (b), (c) and (d) of this subparagraph.

(a) The Commission will not communicate Restricted Data pertaining to design, construction and operation of production plants for the separation of U-235 from other uranium isotopes. The Commission, however, will supply the Government of Canada with uranium enriched in U-235 as provided in Article III A and Article VI.

(b) The Commission will not communicate Restricted Data on the design, construction and operation of specific production plants for the separation of deuterium from the other isotope of hydrogen until such times as the Government of Canada shall determine that the construction of such plants is required. The Commission will, however, supply the Government of Canada with heavy water as provided in Article III A and Article VI.