

No. 3300

**UNITED STATES OF AMERICA
and
BRAZIL**

Agreement for co-operation concerning civil uses of atomic energy. Signed at Rio de Janeiro, on 3 August 1955

Official texts: English and Portuguese.

Registered by the United States of America on 25 April 1956.

**ÉTATS-UNIS D'AMÉRIQUE
et
BRÉSIL**

Accord de coopération concernant l'utilisation de l'énergie atomique dans le domaine civil. Signé à Rio-de-Janeiro, le 3 août 1955

Textes officiels anglais et portugais.

Enregistré par les États-Unis d'Amérique le 25 avril 1956.

No. 3300. AGREEMENT¹ FOR CO-OPERATION BETWEEN
THE GOVERNMENT OF THE UNITED STATES OF
AMERICA AND THE GOVERNMENT OF THE UNITED
STATES OF BRAZIL CONCERNING CIVIL USES OF
ATOMIC ENERGY. SIGNED AT RIO DE JANEIRO, ON
3 AUGUST 1955

Whereas the peaceful uses of atomic energy hold great promise for all mankind ; and

Whereas the Government of the United States of America and the Government of the United States of Brazil desire to cooperate with each other in the development of such peaceful uses of atomic energy ; and

Whereas there is well advanced the design and development of several types of research reactors (as defined in Article X of this Agreement) ; and

Whereas research reactors are useful in the production of research quantities of radioisotopes, in medical therapy and in numerous other research activities and at the same time are a means of affording valuable training and experience in nuclear science and engineering useful in the development of other peaceful uses of atomic energy including civilian nuclear power ; and

Whereas the Government of the United States of Brazil desires to pursue a research and development program looking toward the realization of the peaceful and humanitarian uses of atomic energy and desires to obtain assistance from the Government of the United States of America and United States industry with respect to this program ; and

Whereas the Government of the United States of America, represented by the United States Atomic Energy Commission (hereinafter referred to as the "Commission"), desires to assist the Government of the United States of Brazil in such a program ;

The Parties therefore agree as follows :

Article I

Subject to the limitations of Article V, the parties hereto will exchange information in the following fields :

¹ Came into force on 3 August 1955, in accordance with article VIII.

A. Design, construction and operation of research reactors and their use as research, development, and engineering tools and in medical therapy.

B. Health and safety problems related to the operation and use of research reactors.

C. The use of radioactive isotopes in physical and biological research, medical therapy, agriculture, and industry.

Article II

A. The Commission will lease to the Government of the United States of Brazil uranium enriched in the isotope U-235, subject to the terms and conditions provided herein, as may be required as initial and replacement fuel in the operation of research reactors which the Government of the United States of Brazil, in consultation with the Commission, decides to construct and as required in agreed experiments related thereto. Also, the Commission will lease to the Government of the United States of Brazil uranium enriched in the isotope U-235, subject to the terms and conditions provided herein, as may be required as initial and replacement fuel in the operation of such research reactors as the Government of the United States of Brazil may, in consultation with the Commission, decide to authorize private individuals or private organizations under its jurisdiction to construct and operate, provided the Government of the United States of Brazil shall at all times maintain sufficient control of the material and the operation of the reactor to enable the Government of the United States of Brazil to comply with the provisions of this Agreement and the applicable provisions of the lease arrangement.

B. The quantity of uranium enriched in the isotope U-235 transferred by the Commission and in the custody of the Government of the United States of Brazil shall not at any time be in excess of six (6) kilograms of contained U-235 in uranium enriched up to a maximum of twenty percent (20 %) U-235, plus such additional quantity as, in the opinion of the Commission, is necessary to permit the efficient and continuous operation of the reactor or reactors while replaced fuel elements are radio-actively cooling in Brazil or while fuel elements are in transit, it being the intent of the Commission to make possible the maximum usefulness of the six (6) kilograms of said material.

C. When any fuel elements containing U-235 leased by the Commission require replacement, they shall be returned to the Commission and, except as may be agreed, the form and content of the irradiated fuel element shall not be altered after their removal from the reactor and prior to delivery to the Commission.

D. The lease of uranium enriched in the isotope U-235 under this Article shall be at such charges and on such terms and conditions with respect to shipment and delivery as may be mutually agreed and under the conditions stated in Articles VI and VII.