

No. 13881

**INTERNATIONAL ATOMIC ENERGY AGENCY,
ROMANIA
and
UNITED STATES OF AMERICA**

**Contract for the transfer of enriched uranium for a re-
search reactor in Romania (with annex). Signed at
Vienna on 30 March 1973**

Authentic texts: English and French.

*Registered by the International Atomic Energy Agency on 3 April
1975.*

**AGENCE INTERNATIONALE DE L'ÉNERGIE
ATOMIQUE, ROUMANIE
et
ÉTATS-UNIS D'AMÉRIQUE**

**Contrat pour la cession d'uranium enrichi destiné à un
réacteur de recherche en Roumanie (avec annexe).
Signé à Vienne le 30 mars 1973**

Textes authentiques : anglais et français.

*Enregistré par l'Agence internationale de l'énergie atomique le 3 avril
1975.*

CONTRACT¹ FOR THE TRANSFER OF ENRICHED URANIUM FOR A RESEARCH REACTOR IN ROMANIA

WHEREAS the Government of the Socialist Republic of Romania (hereinafter called "Romania"), desiring to set up a project consisting of a dual-core TRIGA training and research reactor for peaceful purposes (hereinafter called the "reactor"), has requested the assistance of the International Atomic Energy Agency (hereinafter called the "Agency") in securing, among other things, the special fissionable material necessary for this purpose;

WHEREAS the Board of Governors of the Agency approved the project on 20 February 1973, and the Agency and Romania are this day concluding an agreement for the provision by the Agency of the assistance requested by Romania (hereinafter called the "Project Agreement");²

WHEREAS the Agency and the Government of the United States of America (hereinafter called the "United States") on 11 May 1959 concluded an agreement for co-operation (hereinafter called the "Co-operation Agreement"),³ under which the United States undertook to make available to the Agency pursuant to its Statute⁴ certain quantities of special fissionable material; and

WHEREAS Romania has made arrangements with a manufacturer in the United States of America (hereinafter called the "Manufacturer") for the fabrication of enriched uranium into fuel elements for the reactor;

NOW, THEREFORE, the Agency, Romania and the United States Atomic Energy Commission (hereinafter called the "Commission"), acting on behalf of the United States, hereby agree as follows:

Article I. TRANSFER OF ENRICHED URANIUM

Section 1. Subject to the provisions of the Co-operation Agreement, the Commission shall transfer to the Agency, and the Agency shall accept from the Commission, approximately 46 470 grams of uranium enriched to approximately 20 per cent and approximately 34 350 grams of uranium enriched to approximately 93 per cent in the isotope uranium-235 (hereinafter called the "fuel material"), the precise quantities and enrichments to be determined pursuant to section 3 (b), contained in fuel elements for use in the reactor.

Section 2. The Agency shall transfer to Romania, and Romania shall accept from the Agency, the fuel material received by the Agency pursuant to section 1.

Section 3. The conditions of the transfers of the fuel material specified in sections 1 and 2 shall be as follows:

(a) The Commission shall make available to the Manufacturer or to a properly licensed supplier of the Manufacturer, at a facility of the Commission designated by it, enriched uranium, in the form of uranium hexafluoride, for the

¹ Came into force on 30 March 1973 by signature, in accordance with article VI, section 12.

² See p. 273 of this volume.

³ United Nations, *Treaty Series*, vol. 339, p. 359.

⁴ *Ibid.*, vol. 276, p. 3, and vol. 471, p. 334.

fuel material, subject to such terms, charges and licences as the Commission may require unless the enriched uranium is to be drawn from the Manufacturer's inventory;

(b) The precise quantity and enrichment of the fuel material in the fuel elements shall be determined by the Manufacturer, and Romania shall cause the Manufacturer to submit to the Agency and to the Commission a written certification of the Manufacturer's determination of the enrichment by weight in the isotope uranium-235 and of the quantity of enriched uranium contained in the fabricated fuel elements. This determination may be verified by the Agency, by Romania and by the Commission by means of any review or analysis that any of them may deem appropriate, and shall be approved or revised by unanimous agreement of the parties. The quantity and enrichment shown in the agreed determination shall be accepted by the parties as conclusive for all purposes;

(c) Upon completion of the fabrication and the preparation for shipment of the fuel material, and upon agreement with respect to the determination concerning such material as specified in section 3 (b), and upon compliance with paragraph 3 of the annex to the Project Agreement, Romania, at the request and on behalf of the Agency, shall arrange for a transporter who, after thirty (30) days' written notice to the Commission and subject to such terms, charges and licences as the Commission may require, shall transport and deliver the material to the port of export in the United States of America designated by the Commission after consultation with the Agency and Romania. The Commission, at the request of the Agency, shall thereupon transfer possession to Romania, acting on behalf of the Agency, at such port of export and authorize the export of the material. On behalf of the Agency, Romania shall thereupon make arrangements, including the payment of all costs, for domestic and overseas transportation and delivery (including the cost of containers and packaging) and for storing as well as for physically handling the material in connection with such delivery and transfer; such arrangements and costs shall not be the responsibility of, nor be borne by, either the Commission or the Agency. On behalf of the Agency, Romania shall accept possession of the material at the designated port of export and shall forward appropriate receipts therefor to the Agency and to the Commission on behalf of the Agency, whereupon Romania shall assume full and complete responsibility for the fuel material contained in the fuel elements;

(d) Title to the fuel material shall vest in the Agency at the time such material leaves the jurisdiction of the United States and shall thereafter immediately and automatically vest in Romania.

Article II. PAYMENT

Section 4. The Agency shall send an invoice to Romania at or subsequent to the time Romania has accepted possession of the fuel material pursuant to section 3 (c). Within twenty (20) days from the date of this invoice, Romania shall pay to the Agency in the United States currency a sum equal to that which the Agency will be obligated to pay to the Commission pursuant to section 5. On all amounts not received by the Agency within twenty (20) days from the date of invoice, Romania shall pay interest at the per annum rate (365-day basis) established from time to time by the Commission, such interest to commence on the twenty-first (21st) day from the date of invoice.

Section 5. The Commission shall send an invoice to the Agency at or subsequent to the time the Commission transfers possession pursuant to section 3 (c). Within thirty (30) days from the date of this invoice the Agency shall pay for the enriched uranium as per the schedule of charges for enriched uranium published in the United States Federal Register and in effect on the date of transfer of the material, provided, however, that in the event the charges in effect on the date of transfer of the fuel material should exceed the charges set forth in the annex to this Contract, which are the charges in effect on the date of the entry into force of this Contract pursuant to section 12, the Agency, at the request of Romania, shall cancel this Contract without incurring obligations of any kind thereunder. Payment shall be made in United States currency to the Commission or its designated agent or contractor. On all amounts not received by the Commission within thirty (30) days from the date of invoice, the Agency shall pay interest at the per annum rate (365-day basis) established from time to time by the Commission, such interest to commence on the thirty-first (31st) day from the date of invoice, except that, whenever the due date for any payment under this section falls on a Saturday, a Sunday or a legal holiday, interest shall commence on the day immediately following the next day which is not a Saturday, a Sunday or a legal holiday.

Section 6. In order to assist and encourage research on peaceful uses or for medical therapy, the Commission has in each calendar year offered to distribute to the Agency, free of charge, special fissionable material of a value of up to US \$50 000 at the time of transfer, to be supplied from the amounts specified in article II. A of the Agreement for Co-operation. If the Commission finds the project to which this Contract relates eligible, it shall decide by the end of the calendar year in which this Contract is concluded on the extent, if any, to which the project shall benefit by the gift offer, and shall promptly notify the Agency and Romania of that decision. The payments provided in sections 4 and 5 shall be reduced by the value of any material thus distributed.

Article III. RESPONSIBILITY

Section 7. Neither the Agency nor any person acting on its behalf shall at any time bear any responsibility towards Romania or any person claiming through Romania for the safe handling and the use of the fuel material.

Section 8. After acceptance of possession pursuant to section 3 (c), the Agency shall assume full responsibility to the Commission for the fuel material, and Romania shall be equally responsible to the Agency; neither the United States, nor the Commission, nor any person acting on behalf of the Commission shall bear any responsibility for the safe handling and the use of such material.

Article IV. OFFICIALS NOT TO BENEFIT

Section 9. No Member of the Congress of the United States of America or Resident Commissioner of the United States of America shall be admitted to or share any part of this Contract or any benefit that may arise therefrom.

Article V. SETTLEMENT OF DISPUTES

Section 10. If the parties should be unable to reach agreement with respect to the determination provided for in section 3 (b) within thirty (30) days of the submission of such determination to them by the Manufacturer, any party may request that such a determination be made by a laboratory agreed upon by all the parties. The laboratory may perform any tests or analyses that it may deem necessary, and all parties agree to facilitate its work in every way. The results of the determination by the laboratory shall be considered final and binding on all parties. The costs of the determination by the laboratory shall be borne equally by the parties, provided that, if the determination insisted on by any party or parties is confirmed by the laboratory, such party or parties shall not be obliged to bear any share of the costs.

Section 11. Any other dispute arising out of the interpretation or application of this Contract, which is not settled by negotiation or as may otherwise be agreed by the parties concerned, shall on the request of any party be submitted to an arbitral tribunal composed as follows:

- (a) If the dispute involves only two of the parties to this Contract, all three parties agreeing that the third is not concerned, the two parties involved shall each designate one arbitrator, and the two arbitrators so designated shall elect a third, who shall be the Chairman. If within thirty (30) days of the request for arbitration either party has not designated an arbitrator, either party to the dispute may request the President of the International Court of Justice to appoint an arbitrator. The same procedure shall apply if, within thirty (30) days of the designation or appointment of the second arbitrator, the third arbitrator has not been elected;
- (b) If the dispute involves all three parties to this Contract, each party shall designate one arbitrator, and the three arbitrators so designated shall by unanimous decision elect a fourth arbitrator, who shall be the Chairman, and a fifth arbitrator. If within thirty (30) days of the request for arbitration any party has not designated an arbitrator, any party may request the President of the International Court of Justice to appoint the necessary number of arbitrators. The same procedure shall apply if, within thirty (30) days of the designation or appointment of the third of the first three arbitrators, the Chairman or the fifth arbitrator has not been elected.

A majority of the members of the arbitral tribunal shall constitute a quorum, and all decisions shall be made by majority vote. The arbitral procedure shall be established by the tribunal, whose decisions, including all rulings concerning its constitution, procedure, jurisdiction and the division of the expenses of arbitration between the parties, shall be binding on all parties. The remuneration of the arbitrators shall be determined on the same basis as that of *ad hoc* judges of the International Court of Justice.

Article VI. ENTRY INTO FORCE

Section 12. This Contract shall enter into force upon signature by or for the Director General of the Agency and by the authorized representatives of the Commission and Romania.

DONE in Vienna on the thirtieth day of March 1973, in triplicate in the English and French languages, both texts being equally authentic.

For the International Atomic Energy Agency:

YURI CHERNILIN

For the Government of the Socialist Republic of Romania:

DUMITRU ANINOIU

For the United States Atomic Energy Commission
on behalf of the Government of the United States of America:

DWIGHT J. PORTER

A N N E X

UNITED STATES ATOMIC ENERGY COMMISSION CHARGES FOR ENRICHED URANIUM

The rates of charges for enriched uranium, as provided for in section 5 of this Contract, are as follows:

<i>Percentage enrichment by weight in the isotope ²³⁵U of the enriched uranium</i>	<i>Price US \$/g of enriched uranium</i>
19	2.247
20	2.373
21	2.500
90	11.397
92	11.664
93	11.798
94	11.932