

No. 13875

**INTERNATIONAL ATOMIC ENERGY AGENCY
and
YUGOSLAVIA**

**Agreement for assistance by the Agency in establishing a
nuclear power facility (with annex). Signed at Vienna
on 14 June 1974**

Authentic text: English.

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

**AGENCE INTERNATIONALE DE L'ÉNERGIE
ATOMIQUE
et
YOUgoslavie**

**Accord relatif à l'aide de l'Agence pour la création d'une
centrale nucléaire (avec annexe). Signé à Vienne le
14 juin 1974**

Texte authentique : anglais.

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

AGREEMENT¹ BETWEEN THE INTERNATIONAL ATOMIC ENERGY AGENCY AND THE GOVERNMENT OF THE SOCIALIST FEDERATIVE REPUBLIC OF YUGOSLAVIA FOR ASSISTANCE BY THE AGENCY IN ESTABLISHING A NUCLEAR POWER FACILITY

WHEREAS the Government of the Socialist Federative Republic of Yugoslavia (hereinafter called "Yugoslavia"), desiring to establish a nuclear power project for the production of electricity, has requested the assistance of the International Atomic Energy Agency (hereinafter called the "Agency") in securing in the first stage a nuclear power reactor which Yugoslavia desires to purchase from a manufacturer in the United States of America (hereinafter called the "Manufacturer"), and in securing uranium enrichment services for the reactor;

WHEREAS the Board of Governors of the Agency approved the project on 13 June 1974;

WHEREAS under the Agreement for co-operation between the Agency and the Government of the United States of America (hereinafter called the "United States"), as amended² (hereinafter called the "Co-operation Agreement"), the United States undertook to make available to the Agency from time to time quantities of special fissionable material as may be authorized by the United States, and also undertook, subject to various applicable provisions and licence requirements, to permit, upon request of the Agency, persons under the jurisdiction of the United States to make arrangements to transfer and export materials, equipment or facilities for a Member of the Agency in connection with an Agency project; and

WHEREAS the Agency, the Federal Administration for International Scientific, Educational, Cultural and Technical Co-operation acting on behalf of Yugoslavia, and the United States Atomic Energy Commission acting on behalf of the United States are this day concluding an agreement for the supply of uranium enrichment services in connection with the project (hereinafter called the "Supply Agreement");³

NOW, THEREFORE, the Agency and Yugoslavia hereby agree as follows:

Article I

DEFINITION OF THE PROJECT

The project to which this Agreement relates is the establishment of the Nuclear Power Plant Krško, located near Krško in the Socialist Republic of Slovenia, consisting of a pressurized-water reactor with a rated core power output of 1876 MW(th) and a rated generating capacity of 632 MW(e) (hereinafter called the "reactor"), to be jointly owned and operated by the electric utilities Elektro-

¹ Came into force on 14 June 1974 by signature, in accordance with article IX.

² United Nations, *Treaty Series*, vol. 339, p. 359, and vol. 951, p. 412.

³ See p. 129 of this volume.

privreda Zagreb, Zagreb, and Savske Elektrarne, Ljubljana (hereinafter jointly called the "Utility Group").

Article II

SUPPLY OF REACTOR AND URANIUM ENRICHMENT SERVICES

1. The Agency, pursuant to article IV of the Co-operation Agreement, shall request the United States to permit the transfer and export to Yugoslavia of the reactor, together with components and spare parts, manufactured in accordance with a contract between the Utility Group and the Manufacturer.

2. The Agency hereby agrees to allocate to the project defined in article I, and to provide to Yugoslavia for the Utility Group, enriched uranium (hereinafter called the "supplied material") obtained from the performance of uranium enrichment services pursuant to the terms of the Supply Agreement, which constitutes an integral part of this Agreement to the extent that it creates rights and obligations between the Agency and Yugoslavia.

3. It is understood by the Agency and Yugoslavia that this Agreement shall apply to any additional assistance provided by the Agency to Yugoslavia for the project.

Article III

SHIPMENT OF THE SUPPLIED MATERIAL

Any part of the supplied material, the shipment of which is arranged by the Utility Group for Yugoslavia after title thereto has passed to Yugoslavia for the Utility Group in accordance with the Supply Agreement shall, while the material is in the United States of America, be entrusted to a carrier selected by the Utility Group for Yugoslavia and acceptable to the United States Atomic Energy Commission. After export from the United States of America, such material shall be entrusted to a carrier selected by the Utility Group for Yugoslavia in accordance with applicable regulations of Yugoslavia.

Article IV

AGENCY SAFEGUARDS

1. Yugoslavia undertakes that the reactor and any nuclear material contained, used, produced or processed in or by the use of the reactor shall not be used in such a way as to further any military purpose.

2. It is specified that the safeguards rights and responsibilities of the Agency provided for in paragraph A of article XII of its Statute¹ are relevant to the project, and that their implementation is satisfied by the application of safeguards procedures pursuant to the Agreement between the Socialist Federative Republic of Yugoslavia and the International Atomic Energy Agency for the application of safeguards in connection with the Treaty on the Non-Proliferation of Nuclear Weapons, signed on 26 May 1972² and which entered into force on

¹ United Nations, *Treaty Series*, vol. 276, p. 3, and vol. 471, p. 334.

² See p. 55 of this volume.

28 December 1973. If the said Agreement is terminated, the safeguards rights and responsibilities of the Agency provided for in paragraph A of article XII of its Statute shall be implemented in accordance with arrangements which will supplement this Agreement, which shall be agreed forthwith by the Agency and Yugoslavia and shall be based on the then effective Agency's safeguards system applicable to Agency projects, including provisions with respect to Agency inspectors; pending agreement on such arrangements, the Agency will apply safeguards in accordance with the procedures provided for in that system.

Article V

HEALTH AND SAFETY MEASURES

The health and safety measures specified in the annex to this Agreement shall apply to the project.

Article VI

AGENCY INSPECTORS

The relevant provisions of the Agreement between the Socialist Federative Republic of Yugoslavia and the International Atomic Energy Agency for the application of safeguards in connection with the Treaty on the Non-Proliferation of Nuclear Weapons shall apply to Agency inspectors performing functions pursuant to this Agreement.

Article VII

LANGUAGES

All reports and other information required for the application of this Agreement shall be submitted to the Agency in one of the working languages of the Board of Governors of the Agency.

Article VIII

SETTLEMENT OF DISPUTES

1. Any dispute concerning the interpretation or application of this Agreement, which is not settled by negotiation or as may be otherwise agreed, shall be settled in the same manner as that described in article 22 of the Agreement between the Socialist Federative Republic of Yugoslavia and the International Atomic Energy Agency for the application of safeguards in connection with the Treaty on the Non-Proliferation of Nuclear Weapons.

2. Decisions of the Board of Governors of the Agency concerning the implementation of article IV, V or VII shall, if they so provide, be given effect immediately by the Agency and Yugoslavia pending the final settlement of any dispute.

Article IX

ENTRY INTO FORCE

This Agreement shall enter into force upon signature by or for the Director General of the Agency and by the authorized representative of Yugoslavia in accordance with the constitutional requirements of Yugoslavia.

DONE in Vienna, on the fourteenth day of June 1974, in duplicate in the English language.

For the International Atomic Energy Agency:

SIGVARD EKLUND

For the Federal Administration for International Scientific,
Educational, Cultural and Technical Co-operation
on behalf of the Government
of the Socialist Federative
Republic of Yugoslavia:

OTO DENES

A N N E X

HEALTH AND SAFETY MEASURES

1. The health and safety measures applicable to the project shall be those set forth in Agency document INFCIRC/18 (hereinafter called the "Health and Safety Document"), as specified below.

2. Yugoslavia shall apply the Agency's Basic Safety Standards and relevant provisions of the Agency's Regulations for the Safe Transport of Radioactive Materials, as these Standards and Regulations are revised from time to time, and shall as far as possible apply them also to any shipment of supplied material outside the jurisdiction of Yugoslavia. Yugoslavia shall endeavour to ensure safety conditions as recommended in the relevant parts of the Agency's codes of practice on the safe operation of nuclear power plants and on safe reactor design and construction, and of the Agency's guidelines for the organization of regulatory activities for nuclear power reactors and earthquake guidelines for reactor siting.

3. Yugoslavia shall arrange for the submission to the Agency, at least six months prior to the proposed transfer of any part of the supplied material to the jurisdiction of Yugoslavia, of a safety report containing the information specified in the Agency's Guidelines for the Layout and Content of Safety Reports for Stationary Nuclear Power Plants, with particular reference to the following items to the extent that such information is not yet available to the Agency:

- (a) Information relating to the site of the nuclear power plant;
- (b) Summary description of the plant, its principal design criteria, its design bases, and its principal operating characteristics and safety implications;
- (c) Safety analysis in which individual system and component designs should be evaluated for effects of anticipated disturbances and for susceptibility to component malfunction or failures. The consequences of those anticipated disturbances and pos-

sible malfunction or failures should be assessed, and the ability built into the plant to control or accommodate such situations from the viewpoint of safety;

- (d) Information describing the way in which operation of the plant will be conducted;
- (e) Receipt and handling of the supplied material;
- (f) Handling and storage of fuel after unloading from the reactor.

4. On the basis of the safety report submitted in accordance with the preceding paragraph and of any additional information provided by Yugoslavia, the Agency may require further safety measures in accordance with paragraph 30 of the Health and Safety Document. Yugoslavia undertakes to ensure effectively compliance with such additional measures in accordance with the constitutional requirements of Yugoslavia.

5. Should Yugoslavia desire to make substantial modifications to the procedures with respect to which information has been submitted, or to perform any operations with the reactor (including finally closing it down) or with the supplied material as to which operations no such information has been submitted, Yugoslavia shall submit to the Agency all relevant information as specified in paragraph 29 of the Health and Safety Document, in sufficient time to enable the Agency to perform its task in accordance with paragraph 30 of the Document, before such modified procedures or additional operations are carried out.

6. Yugoslavia shall arrange for the submission of the reports specified in paragraphs 25 to 27 of the Health and Safety Document.

7. The Agency may inspect the nuclear power plant, in accordance with paragraphs 33 to 35 of the Health and Safety Document, at the pre-construction review and the construction permit stage, once during the first year of operation, and thereafter not more than once a year, provided that special inspections may be carried out in the circumstances specified in paragraph 32 of the Document.

8. Changes may be made to the safety standards and measures laid down in this annex, in accordance with paragraphs 38 and 39 of the Health and Safety Document.
