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In accordance with Council Regulation (EEC, Euratom) No 354/83 of 1 February 1983 concerning the opening to the public of the historical archives of the European Economic Community and the European Atomic Energy Community (OJ L 43, 15.2.1983, p. 1), as amended by Regulation (EC, Euratom) No 1700/2003 of 22 September 2003 (OJ L 243, 27.9.2003, p. 1), this file is open to the public. Where necessary, classified documents in this file have been declassified in conformity with Article 5 of the aforementioned regulation.

In Übereinstimmung mit der Verordnung (EWG, Euratom) Nr. 354/83 des Rates vom 1. Februar 1983 über die Freigabe der historischen Archive der Europäischen Wirtschaftsgemeinschaft und der Europäischen Atomgemeinschaft (ABl. L 43 vom 15.2.1983, S. 1), geändert durch die Verordnung (EG, Euratom) Nr. 1700/2003 vom 22. September 2003 (ABl. L 243 vom 27.9.2003, S. 1), ist diese Datei der Öffentlichkeit zugänglich. Soweit erforderlich, wurden die Verschlussachen in dieser Datei in Übereinstimmung mit Artikel 5 der genannten Verordnung freigegeben.

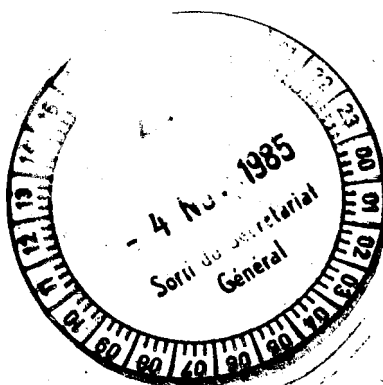
COMMISSION OF THE EUROPEAN COMMUNITIES

COM(85) 580 final

Brussels, 30 October 1985

COMMUNICATION FROM THE COMMISSION TO THE COUNCIL

Concerning a proposed memorandum of understanding between the Government of Canada and the European Atomic Energy Community represented by the Commission of the European Communities in the field of Thermonuclear Fusion Research and Development



COM(85) 580 final

COMMUNICATION FROM THE COMMISSION TO THE COUNCIL

Concerning a proposed memorandum of understanding between the Government of Canada and the European Atomic Energy Community represented by the Commission of the European Communities in the field of Thermonuclear Fusion Research and Development.

1. The Commission of the European Communities coordinates an extensive European activity in fusion R&D and the National Research Council of Canada coordinates the Canadian programme in this field. In view of the mutual interest of the two parties in a number of aspects of this research they have agreed to cooperate in fusion research and development.
2. The Consultative Committee for the Fusion Programme (CCFP) were informed of this intention at their 15th meeting on 15.6.1983 and raised no objection.
3. The proposed memorandum of understanding is attached (Annex B). The agreement involves neither additional legal commitments nor additional budgetary commitments for the Community.
4. The Commission proposes that the Council :
 - a) authorizes the Commission to negotiate with the Canadian authorities an agreement for cooperation in the field of thermonuclear fusion research and development ;
 - b) approves the negotiating directives given in Annex A ;
 - c) takes at the same time a decision approving the memorandum of understanding given at Annex B negotiated on the basis of b) above.

Annex A

Recommendation of the Council authorizing the opening of negotiations and giving negotiating directives to the Commission for the negotiation of an agreement between the European Atomic Energy Community and the Canadian Government for cooperation in the field of thermonuclear research and development.

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

In view of the treaty establishing the European Atomic Energy Community,

In view of the recommendation of the Commission of the European Communities,

Considering that following exploratory talks and exchanges of information it is opportune to open negotiations with the Government of Canada in order to conclude a memorandum of understanding for cooperation in the field of thermonuclear fusion research and development,

DECIDES AS FOLLOWS,

The Commission is authorized to open negotiations in accordance with the negotiating directives given in Annex B, in order to conclude a memorandum of understanding for cooperation between the European Atomic Energy Community and the Government of Canada for cooperation in the field of thermonuclear fusion research and development.

Brussels,

By the Council

The Président

NEGOTIATING DIRECTIVES

A. Nature of the Agreement

1. Scope

The aim of the negotiations should be to conclude a memorandum of understanding between the Government of Canada and the European Atomic Energy Community for cooperation in the field of thermonuclear research and development.

2. Duration

The agreement should be of five years duration but may be extended by mutual agreement of the parties.

B. Content of the Agreement

1. Objectives

In the light of the respective programmes of the two parties to cooperate in the field of thermonuclear research and development in subjects of mutual interest and benefit.

2. Cooperation Modalities

The forms of cooperation should comprise essentially the following :

- exchange of information including progress reports and other non-confidential scientific results which the parties have the right to disclose and which are either in their possession or available to them;
- mutual participation in scientific meetings organized by either Party;
- exchange of experts for which each Party will bear the personnel expenses for the secondment of its own experts;
- conduct of joint experiments, studies and projects as agreed by the Joint Committee mentioned below, especially with regard to NET (Next European Torus) and other facilities of both Parties;
- exchange of materials, equipment and instrumentation.

3. Implementation and Programme Review

In order to implement the cooperative activities the Parties should agree to establish a Joint Committee. Implementation and details regarding the cooperative activities should be established by unanimous agreement of the Joint Committee. These activities should be compatible with those undertaken in the framework of the International Energy Agency and in which both Parties participate. The Joint Committee should meet as necessary and normally once per year alternately in Europe and Canada.

MEMORANDUM OF UNDERSTANDING

between

THE COMMISSION OF THE EUROPEAN COMMUNITIES

representing

THE EUROPEAN ATOMIC ENERGY COMMUNITY

and

THE GOVERNMENT OF CANADA

concerning

COOPERATION IN THE FIELD OF
FUSION RESEARCH AND DEVELOPMENT

MEMORANDUM OF UNDERSTANDING

between

THE COMMISSION OF THE EUROPEAN COMMUNITIES
representing
THE EUROPEAN ATOMIC ENERGY COMMUNITY

and

THE GOVERNMENT OF CANADA

concerning

COOPERATION IN THE FIELD OF
FUSION RESEARCH AND DEVELOPMENT

ARTICLE I

Scope and Objectives of the Memorandum

The Government of Canada and the European Atomic Energy Community represented by the Commission of the European Communities, hereinafter referred to as the Parties,

- recalling the Framework Agreement for Commercial and Economic Cooperation between Canada and the European Communities of July 6, 1976 which provides in Article III.2 for technological and scientific exchanges;
- recognizing the mutual benefits which may be derived from scientific and technological cooperation between the European Communities and Canada;
- considering that the Commission of the European Communities is coordinating on behalf of the European Atomic Energy Community, an extensive European activity on fusion and that the National Research Council of Canada is coordinating a recently established Canadian activity on fusion; and
- having in mind the development of closer collaboration in the future;

hereby agree to cooperate in the field of fusion research and development and in particular in those areas which are listed in the annex to this agreement.

ARTICLE II

Modalities of Cooperation

The forms of cooperation will comprise essentially the following:

- exchange of information including progress reports and other non-confidential scientific results which the parties have the right to disclose and which are either in their possession or available to them;
- mutual participation in scientific meetings organized by either Party;
- exchange of experts for which each Party will bear the personnel expenses for the secondment of its own experts;
- conduct of joint experiments, studies and projects as agreed by the Joint Committee mentioned below, especially with regard to NET (Next European Torus) and other facilities of both Parties;
- exchange of materials, equipment and instrumentation.

ARTICLE III

Implementation and Programme Review

In order to implement the cooperative activities referred to above the Parties agree to establish a Joint Committee composed of two representatives from each party. On the Canadian side, the National Research Council is hereby designated as the Executing Agency which will appoint the two Canadian representatives to the Joint Committee.

Implementation and details regarding the cooperative activities will be established by unanimous agreement of the Joint Committee. These activities will be compatible with those undertaken in the framework of the International Energy Agency and in which both Parties participate. Progress reports may be submitted to the Preparatory and General Cooperation Subcommittee of the Joint Cooperation Committee, under the Framework Agreement mentioned above.

The Joint Committee will meet as necessary and normally once per year alternately in Europe and Canada. In the interval between meetings, the Joint Committee may make decisions by an exchange of correspondence.

One year's notice of termination of any cooperative activity will be given to the Parties through the Joint Committee.

ARTICLE IV

Source of Funds

The activities carried out under this memorandum will be subject to and dependent on funds and manpower available to each party. Each party will bear the costs of its own participation in cooperative activities under this memorandum.

ARTICLE V

Effective Date

This Memorandum of Understanding will be effective commencing with the later of the two dates on which it is signed and subject to Article III will remain in force for a period of five years from the effective date unless previously extended by agreement between the parties.

Signed at on
in duplicate in English and French, both texts being equally authentic

FOR THE COMMISSION OF
THE EUROPEAN COMMUNITIES
representing
THE EUROPEAN ATOMIC ENERGY COMMUNITY

FOR THE GOVERNMENT
OF CANADA

Fusion R&D topics which have been identified in particular for CEEA/CANADA cooperation

- Tokamak physics including auxiliary heating, refueling, diagnostics, data acquisition, and control instrumentation;
- fusion fuels including requirements for the managing of tritium and possible arrangements for its supply;
- remote manipulation;
- safety and environment problems related to fusion;
- high-power electrotechnology