COUNCIL DECISION

of 20 May 1975

amending Decision No 71/237/Euratom adopting a five-year research and training programme of the European Atomic Energy Community in the field of fusion and plasma physics

(75/330/Euratom)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Atomic Energy Community, and in particular Article 7 thereof;

Having regard to the proposal from the Commission submitted after consultation with the Scientific and Technical Committee;

Whereas by Decision No 71/237/Euratom [1], as last amended by Decision No 74/36/Euratom [2], the Council adopted a five-year research and training programme in the field of fusion and plasma physics;

Whereas the results already obtained in the course of this programme show that it is desirable to undertake detailed studies to serve as a basis for a possible subsequent decision to provide the Community with a large machine of the Tokamak type (JET: 'Joint European Torus'); whereas to avoid delay it is desirable to start on the preparatory phase of the project during 1975, without prejudice, however, to a final decision to proceed to the construction phase;

Whereas, in order to ensure the continuity of the said five-year programme which, moreover, takes its place in the wider context of the security of the long-term energy supplies of the Community, it must be adequately supplemented with regard to the operations to be conducted during 1975;

Whereas the abovementioned developments call for increased staff mobility,

HAS DECIDED AS FOLLOWS:

Article 1

The programme set out in the Annex to Decision No 71/237/Euratom shall be replaced by the programme annexed to this Decision.

Article 2

Article 2 of Decision No 71/237/Euratom shall be replaced by the following:

'The maximum amount of expenditure commitments and the staff necessary for the implementation programme shall be fixed at 73 100 000 units of account and 112 Community servants plus 20 temporary Community servants, the unit of account being defined in Article 10 of the Financial Regulation of 25 April 1973 [1] applicable to the general budget of the European Communities.

---

[1] OJ No L 116, 1. 5. 1973, p. 1.'

Done at Brussels, 20 May 1975.

For the Council

The President

R. RYAN

---

[1] OJ No L 143, 29. 6. 1971, p. 33.
[2] OJ No L 30, 4. 2. 1974, p. 18.

ANNEX

FUSION AND PLASMA PHYSICS

1. An amount of 73 100 000 units of account shall be allocated to this programme and the upper limit for staff shall be fixed at 112 permament servants and 20 temporary servants. This amount is intended to cover:

   — the expenditure on equipment concerned with operations already undertaken or to be undertaken during the last two years of the programme which are accorded priority status and specified in point 5;

   — the expenditure relating to the design phase and the preparatory phase of the large Tokamak JET project;

   — the cost of staff mobility;

   — the other expenditure relating to operations to be carried out under this programme.

2. The subject-matter of the programme which will be executed by the associated laboratories shall be:

   — general physics in the sector concerned, in particular studies of a basic character or relating to confinement of plasma with suitable devices and to methods for producing and heating plasma;

   — research on the confinement in closed and open-ended configurations of plasma of widely varying density and temperature;

   — production of and research on plasma of high and very high density;

   — improvement of diagnostic methods;

   — investigation of technological problems connected with current research and of problems relating to thermonuclear reactor technology;

   — the design phase and the preparatory phase of the JET project.

   This work shall be carried out by means of association contracts.

3. The programme set out in point 2 shall be part of a long-term cooperative project embracing all work carried out in the Member States in the field of fusion and plasma physics. It is designed to lead in due course to the joint construction of prototypes with a view to their industrial scale production and marketing.

4. Within the upper limit of 73 100 000 units of account:

   (a) a maximum amount of 17 800 000 units of account shall be allocated to the financing of equipment for the operations specified in point 5 which have been or are to be undertaken, a standard preferential rate of participation not exceeding 44% being applied. In return, all members of the association shall have the right to take part in the experiments carried out with this equipment;

   (b) a maximum amount of 1 250 000 units of account shall be set aside for expenditure for ensuring mobility of research staff of the Member States in order to enable them to work in the associated laboratories of the JET Working Party;

   (c) a maximum amount of 3 600 000 units of account shall be set aside for expenditure incurred in the first design phase and the preparatory phase of the JET project. This amount shall be used to enable the work carried out by way of contracts other than association contracts to be entirely financed by the Commission, and to provide up to 600 000 units of account so as to increase its participation in the work carried out for the JET project in the associated laboratories to about 44%;

   (d) the amount not set aside for the operations and expenditure referred to in sections (a), (b) and (c) shall form the upper limit of financial participation by the Community in other expenditure of the associations, in their management and in support of the JET project. This participation shall be at a standard rate of about 25%. By way of derogation from this principle, this rate shall be increased to a maximum of 30% for the Euratom-CNEN-CNR Association, which will further benefit from the assumption by the programme of the expenses in respect of the Euratom staff seconded thereto.

5. After conducting a technical examination of the various projects the Commission may finance, within the following upper limits, the operations mentioned below, which are accorded priority status:

	units of account
— low-beta stellarator and Tokamak	11 800 000
— screw pinch and hight-beta stellarator	3 300 000
— heating and injection processes	1 900 000
— very high density processes	1 400 000
— open-ended configurations	500 000
— reactor technology	900 000