

COUNCIL REGULATION (EURATOM) No 1493/93

of 8 June 1993

on shipments of radioactive substances between Member States

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Atomic Energy Community, and in particular Articles 31 and 32 thereof,

Having regard to the proposal from the Commission¹, drawn up after obtaining the opinion of a group of persons appointed by the Scientific and Technical Committee from among scientific experts in the Member States,

Having regard to the opinion of the European Parliament²,

Having regard to the opinion of the Economic and Social Committee³,

Whereas on 2 February 1959 the Council adopted directives laying down the basic standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation⁴, amended in particular by Directive 80/836/Euratom⁵;

Whereas, pursuant to Article 3 of Directive 80/836/Euratom, each Member State must make compulsory the reporting of activities which involve a hazard arising from ionizing radiation; whereas, in the light of possible dangers and other relevant considerations, these activities are subject to prior authorization in cases decided upon by each Member State;

Whereas Member States have consequently set up systems within their territories in order to meet the requirements of Article 3 of Directive 80/836/Euratom; whereas, therefore, by means of the internal controls that Member States apply on the basis of national rules consistent with existing Community and any relevant international requirements, Member States continue to ensure a comparable level of protection within their territories;

Whereas shipments of radioactive waste between Member States and into and out of the Community are subject to the specific measures laid down by Directive 92/3/Euratom⁶; whereas Member States are

required to bring into force not later than 1 January 1994 the laws, regulations and administrative provisions necessary to comply with Directive 92/3/Euratom; whereas each Member State should be responsible for ensuring that its own radioactive waste is properly managed;

Whereas the removal of frontier controls in the Community as from 1 January 1993 has deprived the competent authorities of Member States of information previously received through those controls on shipments of radioactive substances; whereas there is a need for the competent authorities concerned to receive the same level of information as before to continue implementing their controls for radiation protection purposes; whereas a Community system of declaration and provision of information would facilitate the maintenance of radiation protection control; whereas a system of prior declaration is needed for shipments of sealed sources and radioactive waste;

Whereas special fissile materials as defined by Article 197 of the EAEC Treaty are subject to the provisions of Title II, Chapter VII - Safeguards of that Treaty; whereas the transport of such materials is subject to the obligations of the Member States and the Commission pursuant to the International Convention on the Physical Protection of Nuclear Materials (IAEA.1980);

Whereas this Regulation is without prejudice to provision of information and to controls imposed for reasons other than radiation protection,

HAS ADOPTED THIS REGULATION:

Article 1

1. This Regulation shall apply to shipments, between Member States, of sealed sources and other relevant sources, whenever the quantities and concentrations exceed the levels laid down in Article 4 (a) and (b) of Directive 80/836/Euratom. It shall also apply to shipments of radioactive waste, between Member States, as covered by Directive 92/3/Euratom.

2. In the case of nuclear materials, each Member State carries out all necessary controls, within its own territory, in order to ensure that each consignee of such materials, which are the subject of a shipment from another Member State, complies with the national provisions implementing Article 3 of Directive 80/836/Euratom.

¹ OJ No C 347, 31. 12. 1992, p. 17.

² OJ No L 150, 31. 5. 1993,

³ OJ No C 19, 25. 1. 1993, p. 13.

⁴ OJ No L 11, 20. 2. 1959, p. 221/59.

⁵ OJ No L 246, 17. 9. 1980, p. 1. Directive as amended by Directive 84/467/Euratom (OJ No L 265, 5. 10. 1984, p. 4).

⁶ OJ No L 35, 12. 2. 1992, p. 24.

Article 2

For the purposes of this Regulation:

- *shipment* means transport operations from the place of origin to the place of destination, including loading and unloading of radioactive substances,
- the *holder* of radioactive substances means any natural or legal person who, before carrying out a shipment, has the legal responsibility under national law for such materials and intends to carry out shipment to a consignee,
- the *consignee* of radioactive substances means any natural or legal person to whom such material is shipped,
- *sealed source* has the meaning given to it in Directive 80/836/Euratom,
- *other relevant source* means any radioactive substance not being a sealed source intended for direct or indirect use of the ionizing radiation it emits for medical, veterinary, industrial, commercial, research or agricultural applications,
- *radioactive waste* has the meaning given to it in Directive 92/3/Euratom,
- *nuclear materials* means the special fissile materials, the source materials and the ores as defined in Article 197 of the EAEC Treaty,
- *competent authorities* means any authority responsible in the Member State for the application or administration of this Regulation or of any other authority designated by the Member State,
- *activity* has the meaning given to it in Directive 80/836/Euratom.

Article 3

Controls of shipments of sealed sources, other relevant sources and radioactive waste between Member States, pursuant to Community or national law, for the purpose of radiation protection shall be performed as part of the control procedures applied in a non-discriminatory manner throughout the territory of the Member State.

Article 4

1. A holder of sealed sources or radioactive waste who intends to carry out a shipment of such sources or waste, or to arrange for such a shipment to be carried out, shall obtain a prior written declaration by the consignee of the radioactive substances to the effect that the consignee has complied, in the Member State of destination, with all applicable provisions implementing Article 3 of Directive 80/836/Euratom

and with relevant national requirements for safe storage, use or disposal of that class of source or waste.

The declaration shall be made by means of the standard documents set out in Annexes I and II to this Regulation.

2. The declaration referred to in paragraph 1 shall be sent by the consignee to the competent authority of the Member State to which the shipment is to be made. The competent authority shall confirm with its stamp on the document that it has taken note of the declaration and the declaration shall then be sent by the consignee to the holder.

Article 5

1. The declaration referred to in Article 4 may refer to more than one shipment, provided that:

- the sealed sources or radioactive waste to which it relates have essentially the same physical and chemical characteristics,
- the sealed sources or radioactive waste to which it relates do not exceed the levels of activity set out in the declaration, and
- the shipments are to be made from the same holder to the same consignee and involve the same competent authorities.

2. The declaration shall be valid for a period of not more than three years from the date of stamping by the competent authority as referred to in Article 4 (2).

Article 6

A holder of sealed sources, other relevant sources and radioactive waste who has carried out a shipment of such sources or waste, or arranged for such a shipment to be carried out, shall, within 21 days of the end of each calendar quarter, provide the competent authorities in the Member State of destination with the following information in respect of deliveries during the quarter:

- names and addresses of consignees,
- the total activity per radionuclide delivered to each consignee and the number of such deliveries made,
- the highest single quantity of each radionuclide delivered to each consignee,
- the type of substance: sealed source, other relevant source or radioactive waste.

The first such return shall cover the period 1 July to 30 September 1993.

Article 7

The competent authorities of Member States shall cooperate in ensuring the application and enforcement of this Regulation.

Article 8

Member States shall forward to the Commission not later than 1 July 1993 the name(s) and the address(es) of the competent authorities as defined in Article 2 and all necessary information for rapidly communicating with such authorities.

Member States shall forward to the Commission any changes to such data.

The Commission shall communicate this information, and any changes thereto, to all competent authorities in the Community and shall publish it, and any changes thereto, in the *Official Journal of the European Communities*.

Article 9

Nothing in this Regulation shall effect existing national provisions and international agreements on the transport, including transit, of radioactive material.

Article 10

Nothing in this Regulation shall affect the obligations and rights resulting from Directive 92/3/Euratom.

Article 11

1. The Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Communities*.

2. This Regulation shall cease to apply to radioactive waste on 1 January 1994.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Luxembourg, 8 June 1993.

For the Council

The President

N. HELVEG PETERSEN

SHIPMENT OF SEALED SOURCES BETWEEN THE MEMBER STATES OF THE EUROPEAN COMMUNITY

Standard document to be used pursuant to Council Regulation (EEC) No 1493/93

Notice

- *The consignee of sealed sources must complete boxes 1 to 5 and send this form to the relevant competent authority in his country.*
- *The competent authority of the consignee Member State must fill in box 6 and return this form to the consignee.*
- *The consignee must then send this form to the holder in the forwarding country prior to the shipment of the sealed sources.*
- *All sections of this form must be completed and boxes ticked, where appropriate.*

- 1. THIS DECLARATION CONCERNS:** ONE SHIPMENT (This form is valid until the shipment is completed unless otherwise stated in box 6)
 expected date of shipment (if available):
- SEVERAL SHIPMENTS (This form is valid for three years unless otherwise stated in box 6)

2. DESTINATION OF THE SOURCE(S)

Name of consignee:

Person to contact:

Address:

.....

Tel.: Fax:

3. HOLDER OF THE SOURCE(S) IN THE FORWARDING COUNTRY

Name of holder:

Person to contact:

Address:

.....

Tel.: Fax:

4. DESCRIPTION OF THE SOURCE(S) INVOLVED IN THE SHIPMENT(S)

- (a) Radionuclide(s):
- (b) Maximum activity of individual source (MBq):
- (c) Number of sources:
- | | | |
|--|--|--|
| | | |
| | | |
| | | |
- (d) If this (these) sealed source(s) is (are) mounted in (a) machinery/device/equipment, short description of the machinery/device/equipment:
-
- (e) Indicate (if available and requested by the competent authorities):
- national or international technical standard with which the sealed source(s) complies(y) and certificate number:
 - date of expiry of certification:
 - name of the manufacturer and catalogue reference:

5. DECLARATION OF THE AUTHORIZED OR RESPONSIBLE PERSON

- I, the consignee, hereby certify that the information provided in this form is correct.
- I, the consignee, hereby certify that I am licensed, authorized or otherwise permitted to receive the source(s) described in this form.
- Licence, authorization or other permission number (if applicable) and validity date thereof:.....
.....
- I, the consignee, hereby certify that I comply with all the relevant national requirements, such as those relating to the safe storage, use or disposal of the source(s) described in this form.

Name: Signature: Date:.....

6. CONFIRMATION BY THE COMPETENT AUTHORITY OF THE CONSIGNEE COUNTRY THAT IT HAS TAKEN NOTE OF THIS DECLARATION.

Stamp:

Name of the authority:

Address:

.....

Tel.:..... Fax:.....

Date:.....

This declaration is valid until (if applicable):

Please see box 1, page 1, for guidance on the length of time this form is valid.

SHIPMENT OF RADIOACTIVE WASTE BETWEEN THE MEMBER STATES OF THE EUROPEAN COMMUNITY

Standard document to be used pursuant to Council Regulation (Euratom) No 1493/93

Notice

- The consignee of radioactive waste must complete boxes 1 to 6 and send this form to the relevant competent authority of his country.
- The competent authority of the consignee Member State must fill in box 7 and return this form to the consignee.
- The consignee must then send this form to the holder in the forwarding country prior to the shipment of the radioactive waste.
- All sections of this form must be completed and boxes ticked, where appropriate.
- This document will no longer apply from 1 January 1994.

1. THIS DECLARATION CONCERNS: ONE SHIPMENT
expected date of shipment (if available):.....
.....
SEVERAL SHIPMENTS

2. DESTINATION OF THE RADIOACTIVE WASTE

Name of consignee:
Person to contact:
Address:
.....
Tel.: Fax:.....

3. HOLDER OF THE RADIOACTIVE WASTE IN THE FORWARDING COUNTRY

Name of holder:.....
Person to contact:
Address:
.....
Tel.: Fax:.....

4. NATURE OF THE RADIOACTIVE WASTE

- (a) Description of waste:
.....
.....
- (b) Origin of the waste: (e.g. medical, research, power production, etc.).....
- (c) Principal radionuclides:
- (d) Maximum alpha activity of the shipment(s) (Bq):
- (e) Maximum beta/gamma activity of the shipment(s) (Bq):.....
- (f) Maximum quantity of waste of the shipment(s), volume or mass (m³ or kg):.....
- (g) Number of shipments:.....

5. PURPOSE OF SHIPMENT

(waste conditioning, storage, disposal, etc.)

6. DECLARATION OF THE AUTHORIZED OR RESPONSIBLE PERSON

- I, the consignee, hereby certify that the information provided in this form is correct.
- I, the consignee, hereby certify that I am licensed, authorized or otherwise permitted to receive the radioactive waste described in this form.
- Licence, authorization or other permission number (if applicable) and validity date thereof:.....
.....
- I, the consignee, hereby certify that I comply with all the relevant national requirements relating to the safe storage or disposal of the waste described in this form.

Name: Signature: Date:.....

7. CONFIRMATION BY THE COMPETENT AUTHORITY OF THE CONSIGNEE COUNTRY THAT IT HAS TAKEN NOTE OF THIS DECLARATION

Stamp:

Name of the authority:.....

Address:

.....

Tel.: Fax:.....

Date:

This declaration is valid until (if applicable):.....

Please see notice, page 1, for guidance on the length of time this form is valid.