# Certificate of Approval of Design for Special Form Radioactive Material

| Title: Capsule Assembly X.97 | |
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| Drawing and Specification References | |
| Assembly Drawing: 3A 11084 Issue B<br>Special Form Drawing List SFDL/41 Issue 3<br>RSD/CTR/101 Dated 19 January 1981<br>QA/MS/41/0401 Issue 1 dated 3 April 2001 | |
| Q.A. Programme Ref: Nycomed Amersham's and AEA(T)'s – IPD QAM | |
| Radioactive Material | Maximum Activity |
| Americium 241 (X97) | 74 GBq |

**THIS IS TO CERTIFY that the Secretary of State for the Environment Transport and the Regions being, for the purposes of the Regulations of the International Atomic Energy Agency, the Competent Authority of Great Britain in respect of inland surface transport and of the United Kingdom of Great Britain and Northern Ireland in respect of sea and air transport and the Department of the Environment for Northern Ireland being the Competent Authority of Northern Ireland in respect of inland surface transport, have approved the above mentioned Special Form Design. Radioactive material manufactured to the above-mentioned design qualifies as special form radioactive material and as such will meet the requirements of the regulations overleaf.**

**This Certificate of Approval applies only to the design as set out in the above named drawings and specifications submitted by** AEA Technology plc.

In the event of any alteration to the design or manufacture of the Special Form Radioactive Material, or in any of the facts stated in the application for approval, this certificate will cease to have effect unless the Competent Authority is notified of the alteration and the Competent Authority confirms the certificate notwithstanding the alteration.

**This Certificate Cancels all Previous Issues** and is valid until 30 April 2004.

**COMPETENT AUTHORITY IDENTIFICATION MARK:** GB/41/S-85

UNITED KINGDOM COMPETENT AUTHORITY FOR THE TRANSPORT
- 1 MAY 2001
OF RADIOACTIVE MATERIALS

Transport Radiological Adviser
Department of the Environment
Transport and the Regions
Great Minster House
76 Marsham Street
London SW1P 4DR

*On behalf of the Secretary of State for the Environment Transport and the Regions and the Department of the Environment for Northern Ireland*

REGULATIONS AND CODES OF PRACTICE GOVERNING THE TRANSPORT OF RADIOACTIVE MATERIALS

**INTERNATIONAL**
International Atomic Energy Agency (IAEA) Safety Series No 6 Regulations for the Safe Transport of Radioactive Materials 1985 Edition (As Amended 1990).
International Maritime Organisation (IMO). International Maritime Dangerous Goods Code -- Class 7 Radioactive Substances.
International Civil Aviation Organisation (ICAO). Technical Instructions for the Safe Transport of Dangerous Goods by Air.

**ROAD**
**GREAT BRITAIN ONLY**. The Radioactive Material (Road Transport)(Great Britain) Regulations 1996 SI No 1350: The Ionising Radiations Regulations 1999 SI No 3232: and Approved Code of Practice.
**NORTHERN IRELAND ONLY**. The Radioactive Substances (Carriage by Road) Regulations (Northern Ireland) 1983 SR 1983 No 344: The Radioactive Substances (Carriage by Road)(Amendment) Regulations (Northern Ireland) 1986 SR 1986 No 61.
**EUROPE ONLY**. European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), Class 7.(ed 1999).

**RAIL**
**GREAT BRITAIN ONLY**. The Packaging, Labelling and Carriage of Radioactive Material by Rail Regulations (RAMRail) 1996 (SI 1996 No 2090): Approved Requirements for the packaging, labelling and carriage of radioactive material by rail 1996 Edition. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles Regulations (CDGCPL) 1996 (SI 1996 No 2092). The Carriage of Dangerous Goods (Amendment) Regulations 1999 (SI 1999 No 303).
**EUROPE ONLY**. Convention concerning the International carriage by rail (COTIF), Appendix B, Uniform Rules concerning the International Carriage of Goods by Rail (CIM), Annex 1, Regulations concerning the International carriage of dangerous goods by rail (RID), Class 7.(ed 1999).

**SEA**
British registered ships. All other ships whilst in United Kingdom territorial waters. The Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 SI No 2367: Merchant Shipping Notice No M 1755(M), "The Carriage of Dangerous Goods and Marine Pollutants in Packaged Form - Amdt 30-00 to the IMDG Code".

**PORT: UK ONLY.**

**AIR**
**UK ONLY**. The Air Navigation (No 2) Order 1995 SI No 1970: The Air Navigation (Dangerous Goods) Regulations 1994 SI No 3187 and Amendments 1996 SI No 3100 and 1998 SI No 2536. International Civil Aviation Organisation (ICAO) Technical Instructions for the Safe Transport of Dangerous Goods by Air.

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**NOTES**

*1. Attention is drawn to the labelling and marking requirements of Section IV of the 1985 Edition of the IAEA Regulations, one provision of which is that the outside of each package shall be clearly and durably marked with the Competent Authority's Package Design Identification Mark.*

*2. Any questions relating to this Certificate should be addressed to:--*
*The Transport Radiological Adviser,*
*Department of the Environment, Transport and the Regions,*
*Great Minster House*
*76 Marsham Street, London SW1P 4DR.*
*Telephone 020 7944 5795.*
*Fax 020 7944 2187.*

*3. This Certificate does not relieve the consignor from compliance with any requirements of this Government or any other Government of any country through or into which the package may be transported.*