



Reference GB/110/S-85

Certificate Issue 3

# Certificate of Approval of Design for Special Form Radioactive Material

Title	
Low Energy Photon Annular Source - Capsule X.1146	
Drawing Nos and Specification Reference	
Assembly: 3A 10048 Issue B Details: 2A 10040 Issue B Special Form Drawing List SFDL/110 Issue 1 RSD/CTR/133 Dated 23 July 1981 QARS/CD/110/0198 Issue 2 Dated 31 March 1998	
Q.A. Programme Ref: Nycomed Amersham's "Transport Safety Arrangements"	
Radioactive Material	Maximum Activity
Americium 241	1.1 GBq

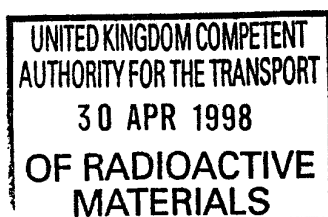
THIS IS TO CERTIFY that the Secretary of State for the Environment Transport and the Regions being, for the purposes of the Regulations of the International Atomic Energy Agency, the Competent Authority of Great Britain in respect of inland surface transport and of the United Kingdom of Great Britain 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 Nycomed Amersham plc

In the event of any alteration in the composition of the package, the package design 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 31 March 2001  
COMPETENT AUTHORITY IDENTIFICATION MARK: GB/110/S-85

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 1985 SI No 1333: 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 1995).

### RAIL

**GREAT BRITAIN ONLY.** The Carriage of Dangerous Goods by Rail Regulations (CDG Rail) 1994 (SI 1994 No 670): The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations (CPL) 1994 (SI 1994 No 669).

**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 1995).

### SEA

British registered ships. All other ships whilst in United Kingdom territorial waters. The Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1990 SI No 2605: Merchant Shipping Notice No M 1432, "The Carriage of Dangerous Goods and Marine Pollutants in Ships, the 'Blue Book' and 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 1985 SI No 1939: and Amendments 1986 SI No 2129, 1988 SI No 2133, 1990 SI No 2531, 1992 SI 1993 No 179: 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 Transport,  
Great Minster House  
76 Marsham Street, London SW1P 4DR.  
Telephone 0171-271-3865.  
Fax 0171 271 3878.

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.