



U.S. Department  
of Transportation

Research and  
Special Programs  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

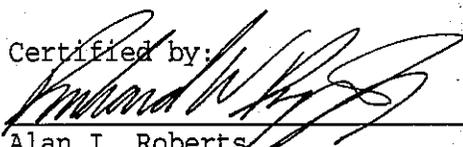
IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE NUMBER USA/0413/S, REVISION 2

This certifies that the sources described have been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive materials.

1. Source Identification - Amersham Corporation Model 92802 and 93302.
2. Source Description - The source capsules authorized by this certificate is a double encapsulation constructed of either 304 or 304L stainless steel. The capsule is a tapered cylinder with the outside diameter at the plug end measuring 6.3 mm (0.25") and the opposite end measuring 9.5 mm (0.375"). Model 92802 is 24 mm (0.938") long and Model 93302 is 33 mm (1.30") long. Capsule must be constructed in accordance with Amersham Drawing No. 92899 (attached).
3. Radioactive Contents - not more than 8.14 TBq (220 Curies) of cobalt 60 as solid metal.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires April 30, 2001.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated April 8, 1996 submitted by Amersham Corporation, Burlington, MA, and in consideration of other information on file in this Office.

Certified by:

  
Alan I. Roberts  
Associate Administrator for Hazardous Materials Safety

APR 25 1996

(DATE)

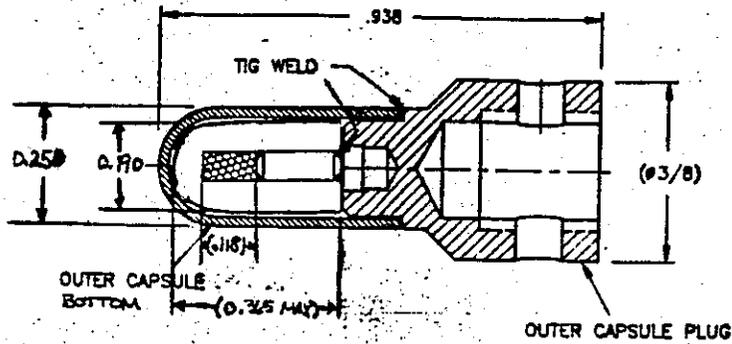
Revision 2 - Issued to approve the source capsule to the 1985 IAEA regulations and to extend the expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by Energy Agency (IAEA), Vienna, Austria.

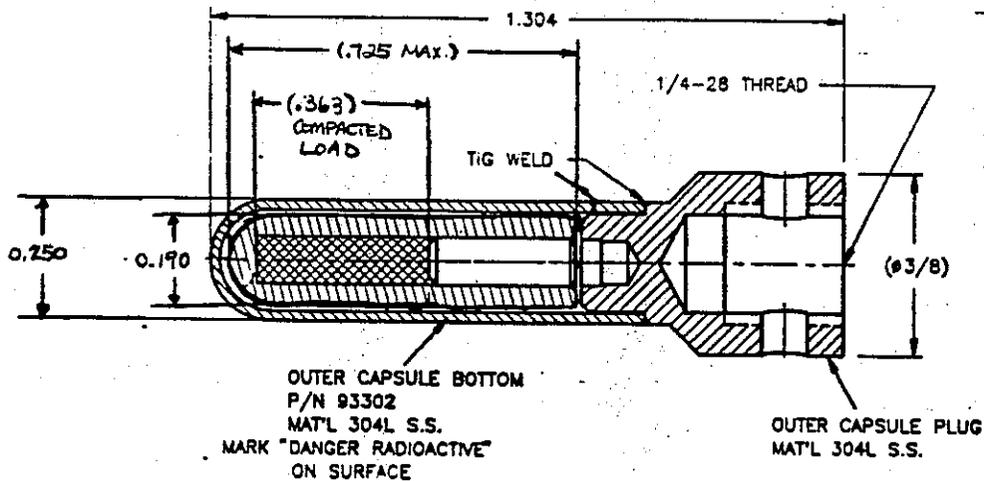
2 Title 49, Code of Federal Regulations, Parts 100 - America.



0413S-C



92802 SOURCE CAPSULE.



93302 SOURCE CAPSULE.

USED ON:		RELEASED FOR PRODUCTION ON _____ BY _____	
MATERIALS: C.P. TITANIUM GRADE 2		AMERSHAM CORPORATION BURLINGTON, MA 01803 <b>Amersham</b>	
FINISH		DWG. TITLE 92802 AND 93302 SOURCE CAPSULES DESCRIPTIVE DRAWING	
DATE	3-11-94	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
PREPARED	G. PARSONS <i>GP</i>		
ENGINEER	G. PARSONS <i>GP</i>		
CHECKED	D. DUNCANSON		
APPROVED			
		.X	±0.1
		.XX	±0.01
		.XXX	±0.005
		ANGLES	±1°
		FRACT	±1/64
		CLASSIFICATION	SIZE
			A
		DWG. NO.	92899
		SCALE	4:1
		SHEET	1 OF 1
		REV	