



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/0369/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 Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - AMS Model 3800 Series: 3800 through 3805, Picker P3800-A through 3804A, and P3800-1 sources manufactured prior to December 31, 1990.
2. Source Description - The sources described by this certificate are inert gas, heliarc welded double encapsulations constructed of Type 316 LC stainless steel with external dimensions of 33.15 mm (1.305") in diameter x 37.87 mm (1.491") long. The sources are retained inside a tungsten alloy holder that is 50.70 mm (1.996") O.D. by 47.50 mm (1.870") long (illustration attached). The threaded end of the tungsten holder is marked with "Co 60" and a four digit serial number.
3. Radioactive Contents - These sources consist of not more than 506 TBq (13,680 Ci) of cobalt 60 in the form of nickel plated cobalt metal pellets 1 mm diameter by 1 mm long held securely in the stainless steel inner capsule by stainless steel and tungsten wafers and spacers.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ 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 November 1, 2000.

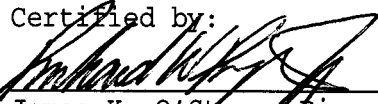
1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990" , published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

CERTIFICATE USA/0369/S, REVISION 2

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 October 20, 1995 submitted by Advanced Medical Systems, Inc., Cleveland, OH, and in consideration of other information on file in this Office.

Certified by:

for 
James K. O'Steen, Director
Office of Hazardous Materials
Technology

NOV - 3 1995

(DATE)

Revision 2 - Issued to incorporate the 1985 Edition of the IAEA regulations, and to extend the expiration date for sources manufactured prior to December 31, 1990.

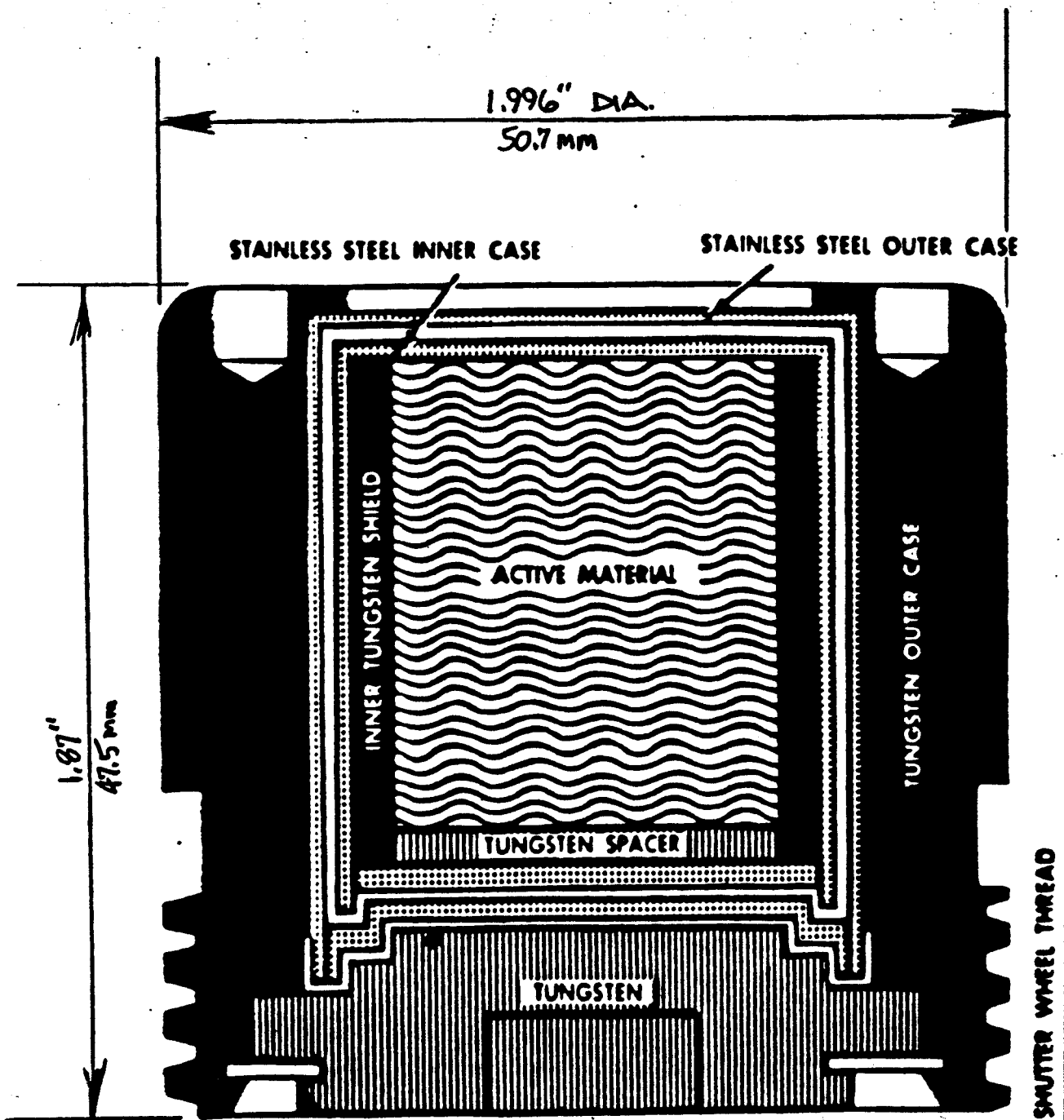


Illustration of current source
 Models 3800A, 3801A, 3802A,
 3803A, and 3804A. Picker P-3800-A
 thru 3804-A and P-3800-1.

		UNLESS NOTED • TOLERANCES ON ANGLES ±		□ BREAK ALL SHARP EDGES		
		DECIMALS ±		• FRACTIONS ± DIMENSIONS ARE BEFORE APPLYING FINISH		
		NEXT ASSY BY	NAME Cobalt-60 Source Welded Capsules			
		N/A				
		MATERIAL				
		FINISH				
		DRN	DATE	CHKD	APPRVD	
		3801A	10/30	ES	ESV/KEL 11/20	
		ADVANCED MEDICAL SYSTEMS, INC.				SCALE - NONE -
		GENEVA, OHIO 44041				A-3800-01
LTR	REVISION	DATE				