



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0383/S, REVISION 2**

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

This certifies that the source described has 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 - Coratomic Type X source for cardiac pacemaker.
2. Source Description - This nearly spherical source has a diameter of 8.6 mm (0.34 in). The tantalum alloy inner capsule and the platinum-rhodium alloy outer capsule are sealed by inert gas welds. Source is illustrated in Coratomic drawing no. C-4101-17 (attached).
3. Radioactive Contents - Not more than 0.16 TBq (4.27 Ci) of plutonium-238 in the form of a sintered plutonium oxide pellet.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations 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 August 31, 2003.

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 May 15, 1997 submitted by Biocontrol Technology, Inc., Indiana, PA, and in consideration of other information on file in this Office.

Certified by:

Alan I. Roberts

Associate Administrator for Hazardous Materials Safety

AUG 28 1998

(DATE)

Revision 2 - Issued 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 the International Atomic Energy Agency (IAEA), Vienna, Austria.

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

