



7110

DEPARTMENT OF TRANSPORTATION
MATERIALS TRANSPORTATION BUREAU
WASHINGTON, D.C. 20590
IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

Certificate Number USA/0044/S
(Revision 1)

This certifies that the encapsulated source, as described, when loaded with the authorized radioactive contents, has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in IAEA¹ and USA² regulations for the transport of radioactive materials.

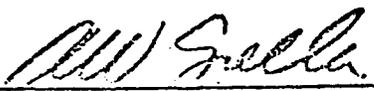
I. Source Description - The source described by this certificate is identified as Monsanto Research Corporation (MRC) Model 2322 and consists of either Plutonium-238 or Americium-241 with beryllium, lithium, boron or fluorine doubly encapsulated in stainless steel and measuring approximately 0.45" in diameter by 4.75" in length. Source must conform to MRC Drawing No. A2322-AA00, Rev 1.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 14 Ci or either Plutonium-238 or Americium-241 as oxide.

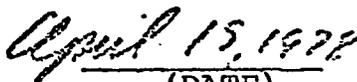
III. This certificate, unless renewed, expires on April 30, 1981.

This certificate is issued in accordance with Marginal C-6.1 of the IAEA Regulations¹, and in response to the March 24, 1975 and March 28, 1977 petitions by the Monsanto Research Corporation, Dayton, Ohio and in consideration of the associated information therein.

Certified by:



A. W. Grella
Chief, Technology Division
Office of Hazardous Materials
Operations
Materials Transportation Bureau
U. S. Department of Transportation
Washington, D. C. 20590


(DATE)

¹"Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials," 1967 Edition published by the International Atomic Energy Agency (IAEA), Vienna, Austria.