



DEPARTMENT OF TRANSPORTATION
RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION
WASHINGTON, D.C. 20590

IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

Certificate Number USA/0186/S

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 IAEA^{1/} and USA^{2/} regulations for the transport of radioactive materials.

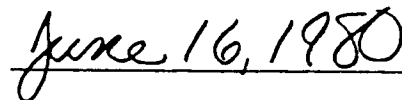
- I. Source Description - The source described by this certificate is identified as Monsanto Research Corporation Model 24169BT which is a double encapsulation constructed of 304 type stainless steel which is welded closed and has external measurements of 0.87 inches in diameter by 4.1 inches in length.
- II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 1 Curie of Americium - 241 or Plutonium- 238 mixed with a neutron production target material.
- III. This certificate, unless renewed, expires May 31, 1983.

This certificate is issued in accordance with paragraph 803 of the IAEA Regulations^{1/}, and in response to the April 8, 1980 petition by Monsanto Research Corporation, Dayton, Ohio and in consideration of the associated information therein.

Certified by:



Richard R. Rawl
Chief, Radioactive Materials Branch
Office of Hazardous Materials Regulation
Materials Transportation Bureau



1/ "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1973 Revised Edition", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2/ Title 49, Code of Federal Regulations, Part 170-178, USA.