



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

RECEIVED
MAR 24 1980
MONSANTO
ENGINEERED PRODUCTS

IAEA CERTIFICATE OF COMPETENT AUTHORITY

REFER TO:
Special Form Radioactive Material Encapsulation

Certificate Number USA/0178/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 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 Model No. 2726 BX which is a welded 304 stainless steel double encapsulation measuring 1.0 inch in diameter by 4.4 inches in length.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 14.0 Curies of Plutonium-238 or Americium-241 in the form of powdered oxide mixed with a neutron production target material.

III. This certificate, unless renewed, expires March 31, 1983.

This certificate is issued in accordance with paragraph 803 of the IAEA Regulations and in response to the February 22, 1980, petition by Monsanto Research Corporation, Dayton, Ohio, and in consideration of the associated information therein.

Certified by:

R. R. Rawl
Designated U.S. Competent Authority for the
International Transportation of Radioactive Materials
Office of Hazardous Materials Regulation, MTB
U.S. Department of Transportation
Washington, D.C. 20590

(Date)

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.

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