



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/0108/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 IAEA 1/ and USA 2/ regulations for the transport of radioactive materials.

I. Source Description - The source described by this certificate is identified as MRC Neutron Source Model No. 24107 which is doubly encapsulated in stainless steel and measures approximately 1.25 inches in diameter by 2.85 inches long.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 4.5 Curies of Americium-241 or Plutonium-238 as oxide mixed with Beryllium.

III. This certificate, unless renewed, expires April 30, 1983.

This certificate is issued in accordance with paragraph 803 of the IAEA Regulations 1/, and in response to the March 7, 1980, petition by the 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
Materials Transportation Bureau
U.S. Department of Transportation
Washington, D. C. 20590

May 2, 1980
(DATE)

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