



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/0119/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 Number 24112 which is doubly encapsulated in stainless steel and measures 0.750" in diameter and 1.400" in length.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 5 curies of Plutonium-238 as oxide.

III. This certificate, unless renewed, expires April 31, 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:

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

(Date)

1/ "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1979 Revised Edition", published by the International Atomic Energy (IAEA) Vienna, Austria.

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

Revision 1 issued to extend expiration date and reflect conformance to the 1973 IAEA regulations.