



DEPARTMENT OF TRANSPORTATION
RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION
WASHINGTON, D.C. 20590
IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

REFER TO:

Certificate Number USA/0052/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 the Monsanto Research Corporation (MRC) Capsule Model No. 2726-A neutron source, fabricated in accordance with MRC drawing No. B2726-AA00, Revs. 0, 1, 2 or 3.

II. Radioactive Contents - The authorized radioactive contents of this source consist of no more than 20 curies of plutonium-238 as powdered oxide.

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

This certificate is issued in accordance with Marginal C-6.1 of the IAEA Regulations, and in response to the September 3, 1975 and March 28, 1978 petitions by the Monsanto Research Corporation, Dayton, Ohio and in consideration of the associated information therein.

Certified by:



Richard R. Rawl
Health Physicist
Office of Hazardous Materials
Regulation
Materials Transportation Bureau

September 19, 1978
(DATE)

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

2/ Title 49, Code of Federal Regulations, Parts 100-199, USA.