

IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

Certificate Number USA/0216/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 24127 BT which is a double cylindrical encapsulation constructed of stainless steel and closed with press fit stainless steel plugs and tungsten-inert gas welding.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 4 curies of Americium-241 or Plutonium-238 as oxide powder and a target material.

III. This certificate, unless renewed, expires April 30, 1984.

This certificate is issued in accordance with paragraph 803 of the IAEA Regulations 1/, and in response to the March 26, 1981 petition by Monsanto Research Corp., Dayton, Ohio and in consideration of the associated information therein.

Certified by:



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

April 22, 1981
(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.

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