



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

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APR 12 1982  
A.C. 11  
ENGINEERED PROJECT

400 Seventh Street, S.W.  
Washington, D.C. 20590

IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

Certificate Number USA/0248/S  
( Revision 0)

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 Corp Model No. 24183 which is a welded double encapsulation constructed of stainless steel and measuring 1" in diameter by 3" in length. Construction is in accordance with MRC drawing number B24183-AA00, Revision 1.

II. Radioactive Contents - The authorized radioactive contents of this source consist of not more than 57 curies of americium-241 or plutonium-238 as oxide mixed with a neutron production target material.

III. This certificate, unless renewed, expires March 30, 1987.

This certificate is issued in accordance with paragraph 803 of the IAEA Regulations 1/, and in response to the March 14, 1982 petition by Monsanto Research Corp., Dayton, Ohio and in consideration of the associated information therein.

Certified by:

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

April 6, 1982  
(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.