

PDR 71-9032



DEPARTMENT OF TRANSPORTATION  
RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION  
WASHINGTON, D.C. 20590

IAEA CERTIFICATE OF COMPETENT AUTHORITY 9 13

Type B Fissile Radioactive Material Package Design

REFER TO:

Certificate Number USA/9032/B(U)FT  
(Revision 0)

S. N. ...  
SECTION

This establishes that the packaging design described herein, when loaded with the authorized radioactive contents, has been certified by the National Competent Authority of the United States as meeting the regulatory requirements for Type B packaging for radioactive materials as prescribed in IAEA<sup>1</sup> Regulations and in accordance with 49 CFR §§ 173.393b and 173.394(c)(2) of the USA<sup>2</sup> Regulations for the transport of radioactive materials.

- I. Package Identification - Technical Operations Model 650.
- II. Packaging Description - Packaging authorized by this certificate consists of a Titanium "U" tube which contains the contents and is surrounded by uranium shielding which is centered in an outer steel case by polyurethane potting material. Overall dimensions are 13.25 inches in height by 10 inches in length by 8.25 inches in width with a gross weight of approximately 70 pounds.
- III. Authorized Radioactive Contents - The authorized contents consist of not more than 240 Curies of Iridium-192 as sealed sources meeting the special form requirements of 49 CFR § 173.389(g).
- IV. General Conditions -
  - a. Each user of this certificate must have in his possession a copy of this certificate.
  - b. Each user of this certificate, other than Technical Operations, Inc., Burlington, Massachusetts, shall register his identity in writing to the Office of Hazardous Materials Regulation, Materials Transportation Bureau, U.S. Department of Transportation, Washington, D.C. 20590.
  - c. This certificate does not relieve any consignor or carrier from compliance with any requirement of the Government of any country through or into which the package is to be transported.
- V. Marking and Labeling - The package must bear the marking USA/9032/B(U)F as well as the other marking and labels prescribed by the USA Regulations.

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FEE EXEMPT

VI. Expiration Date - This certificate, unless renewed, expires on September 30, 1984.

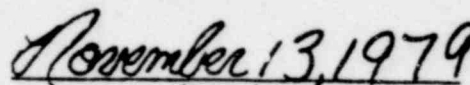
This certificate is issued in accordance with the requirements of the IAEA and USA Regulations and in response to the August 8, 1979, petition by Technical Operations, Inc., Burlington, Massachusetts, and in consideration of the associated information provided in U.S. Nuclear Regulatory Commission Certificate of Compliance 9032, Rev. 2 (Appendix A), and related correspondence.

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



(Date)

<sup>1</sup>"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.

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

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