

U.S. Department of Transportation

IAEA CERTIFICATE OF COMPETENT AUTHORITY SPECIAL FORM RADIOACTIVE MATERIALS

Pipeline and Hazardous Materials Safety Administration CERTIFICATE USA/0393/S-96, REVISION 7

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency 1 and the United States of America 2 for the transport of radioactive material.

- 1. <u>Source Identification</u> Industrial Nuclear Company, Inc. (formerly CIS-US, Inc.) Model 791.
- 2. Source Description Cylindrical single encapsulation constructed of Type 316 or Type 316L stainless steel and heliarc seal welded. Approximate outer dimensions are 5.0 mm (0.197 in.) in diameter and 7.6 mm (0.299 in.) in length. Construction shall be in accordance with attached Industrial Nuclear Co., Inc. Drawing No. 79100, Rev. 5.
- 3. <u>Radioactive Contents</u> No more than 8.88 TBq (240.0 Ci) of Iridium-192. The Ir-192 is in solid metallic form.
- 4. Management System Activities Records of Management System activities required by Paragraph 306 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
- 5. Expiration Date This certificate expires on July 31, 2026. Previous editions which have not reached their expiration date may continue to be used.

 1 "Regulations for the Safe Transport of Radioactive Material, 2012 Edition, No. SSR-6" published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

 $^{^2}$ Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

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This certificate is issued in accordance with paragraph(s) 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the June 23, 2021 petition by Industrial Nuclear Company, Inc., San Leandro, CA, and in consideration of other information on file in this Office.

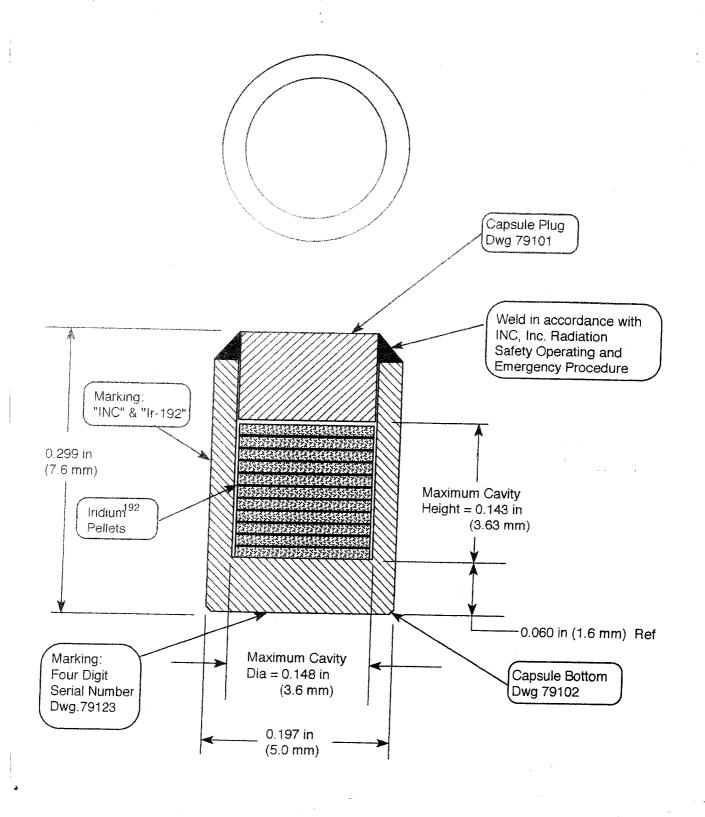
Certified By:

Materials Safety

William Schoonover
Associate Administrator for Hazardous

July 30, 2021 (DATE)

Revision 7 - Issued to extend the expiration date.



Industrial Nuclear Co., Inc.

35 Flagship Drive, North Andover, MA., 01845

Material	Noted	Unless otherwise	COLLEGE	
Finish	See detail	specified, tolerances shall be: X	Source Capsule Assembly	
Drawn by:	JMunro			
Mgr.Appvl.	. ANS			
RA/QA	G13		79100	Rev.
Scale	10:1			5





Pipeline and Hazardous Materials Safety Administration

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ORIGINAL REGISTRANT(S):

Industrial Nuclear Company, Inc. 14320 Wicks Blvd. San Leandro, CA, 94577 USA