



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

East Building, PHH-23
1200 New Jersey Ave, SE
Washington, D.C. 20590

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0798/S-96, REVISION 1

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 Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Industrial Nuclear Co., Inc. Model INC-SFC-1.
2. Source Description - Cylindrical single encapsulation constructed of Type 410 stainless steel and sealed by gas tungsten arc welding. Approximate outer dimensions are 12.7 mm (0.5 in.) in diameter and 50.8 mm (2 in.) in length. Construction shall be in accordance with attached Industrial Nuclear Co., Inc. Drawing No. INFORMATION ONLY.
3. Radioactive Contents - No more than 148 TBq (4000 Ci) of Iridium-192. The Ir-192 is in the form of a solid metal wafers.
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 December 31, 2023. 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 October 25, 2018 petition by Industrial Nuclear Company, Inc., San Leandro, CA, and in consideration of other information on file in this Office.

Certified By:



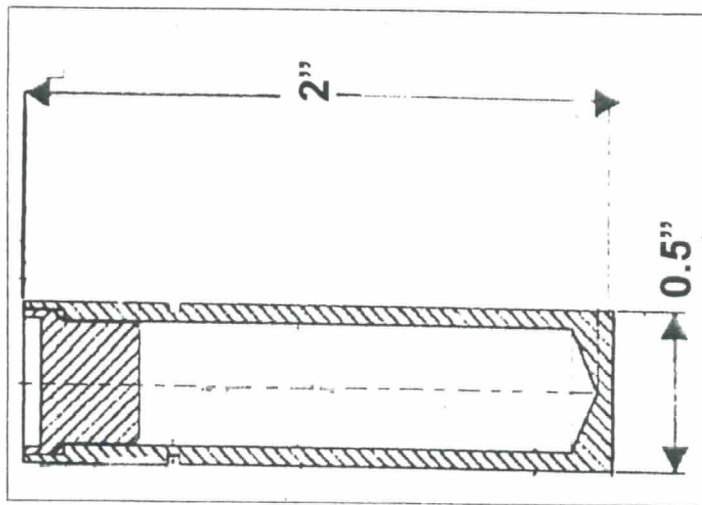
December 14, 2018

(DATE)

 William Schoonover
Associate Administrator for Hazardous
Materials Safety

Revision 1 - Issued to extend the expiration date.

Note: All MFG DIM are PROPRIETARY.
Not shown on this DWG.



ATTACHMENT 4

US DEPT OF TRANSPORTATION DESCRIPTIVE DRAWING

QTY	ITEM NO.	PART OR IDENTIFYING NO.	410 SS	MATERIAL SPECIFICATION	
PARTS LIST					
INDUSTRIAL NUCLEAR CO., INC					
SPECIAL FORM CAPSULE					
FORM NO.	DATE	SIZE	FORM NO.	DWG. NO.	
FORM NO.	DATE	SCALE	FORM NO.	INFORMATION ONLY	
FORM NO.	DATE	SCALE	FORM NO.	REV.	
DO NOT SCALE DRAWING				SHEET	OF



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CERTIFICATE NUMBER: USA/0798/S-96

ORIGINAL REGISTRANT(S) :

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