



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/0141/S-96, REVISION 13

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 - GE Hitachi Nuclear Energy Neutron Source Model GEN-CF-1X or 2765-AA00.
2. Source Description - Cylindrical single encapsulation made of either Type 304L or 316L stainless steel and tungsten inert gas welded. Approximate outer dimensions are 5.54 mm (0.218 in.) in diameter and 24.9 mm (0.98 in.) in length. Construction shall be in accordance with attached GE Drawing No. 106D4307.
3. Radioactive Contents - No more than 0.2 TBq (5.4 Ci) of Californium-252 as an oxide in the form of a Cf-Pd cermet.
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 January 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.


CERTIFICATE USA/0141/S-96, REVISION 13

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 January 19, 2018 petition by GE Hitachi Nuclear Energy, Sunol, CA, and in consideration of other information on file in this Office.

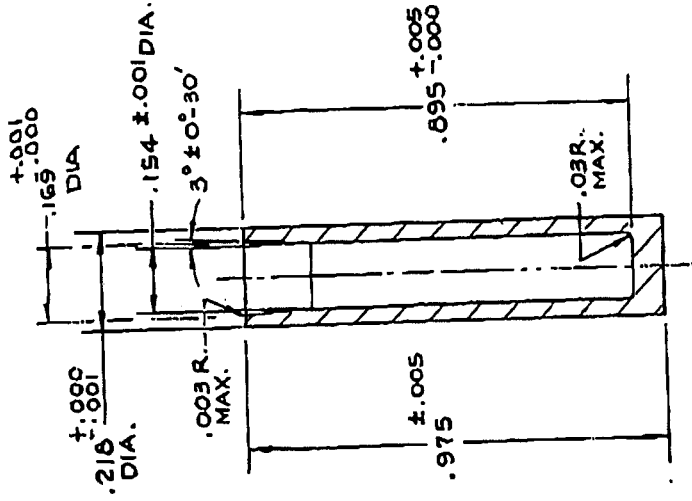
Certified By:



February 02, 2018
(DATE)

 William Schoonover
Associate Administrator for Hazardous
Materials Safety

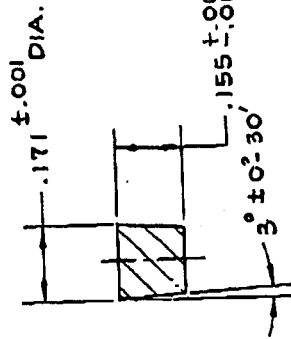
Revision 13 - Issued to extend the expiration date.



(11) 304 L STN. STL.
ASTM A276 OR 479

(13) ZIRCALOY - 2

(17) 316 L STN. STL.
ASTM A479 OR 276



(10) 304 L STN. STL.
ASTM A276 OR 479

(12) ZIRCALOY - 2

(16) 316 L STN. STL.
ASTM A479 OR 276

UNIT	IN/1000
SP	VI
DRG	AD
REV	7%
BY	PKL
CHK	SK

DESCRIPTION OF GROUP	STATIONS	REVISION TO
	ECN NG 1999	ECN NG-735
	4	
	5	
	6	
	7	
	8	
	9	
	10	

10604307

CHKD. E.M.H. 3-2-71



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CERTIFICATE NUMBER: USA/0141/S-96

ORIGINAL REGISTRANT(S) :

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