



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0141/S-96, REVISION 11

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

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 Americas, LLC 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. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ 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 applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on February 28, 2013. On May 31, 2008, this certificate supersedes all previous revisions of USA/0141/S-96.

¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," 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 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the February 20, 2008 petition by GE-Hitachi Nuclear Energy Americas, LLC, Sunol, CA, and in consideration of other information on file in this Office.

Certified By:

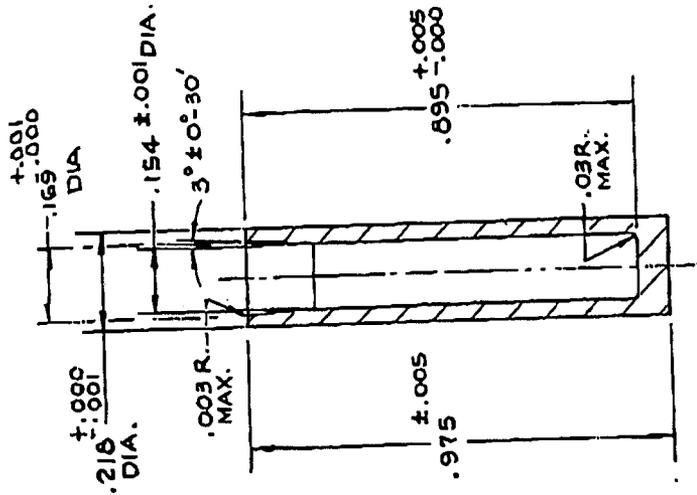


Mar 27 2008

(DATE)

 Robert A. Richard
Deputy Associate Administrator for Hazardous Materials Safety

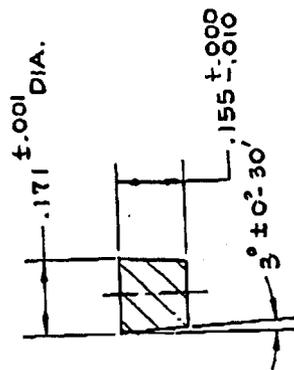
Revision 11 - Issued to extend the expiration date and update corporate name.



⑪ 304 L STN. STL.
ASTM A276 OR 479

⑬ ZIRCALOY - 2

⑯ 316L STN. STL.
ASTM A479 OR 276



⑩ 304 L STN. STL.
ASTM A276 OR 479

⑫ ZIRCALOY - 2

⑰ 316L STN. STL.
ASTM A479 OR 276

UNIT	IN/1000
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DESCRIPTION OF WORK	SYMBOLS	REFER TO
	ECN NG 1979	
	4	ECN NG-735
	5	ECN NG-772
	6	ECN NG-1456
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CHKD: SMH Date: 3-1-71



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1200 New Jersey Avenue SE
Washington, D.C. 20590

CERTIFICATE NUMBER: USA/0141/S-96, Revision 11

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