



U.S. Department
of Transportation
**Pipeline and
Hazardous Materials
Safety Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0795/S-96, REVISION 1**

East Building, PHH-23
1200 New Jersey Avenue Southeast
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 - BWXT NOG Technologies, Inc. (formerly Babcock & Wilcox Nuclear Energy, Inc.) Model BWSS1.
2. Source Description - Cylindrical double encapsulation made of Type 304L stainless steel and tungsten inert gas seal welded. Approximate outer dimensions are 9.42 mm (0.37 in.) in diameter and 38.10 mm (1.50 in.) in length. Construction shall be in accordance with attached BWXT NOG Technologies, Inc. Drawing No. SK-BJV-130313-01, Rev. 1.
3. Radioactive Contents - No more than 40 GBq (1.08 Ci) of Californium-252. The Cf-252 is in the form of a solid metal wire consisting of approximately 99% palladium and 1% californium by weight.
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 June 30, 2018. On January 31, 2017, this certificate supersedes all previous revisions of USA/0795/S-96.

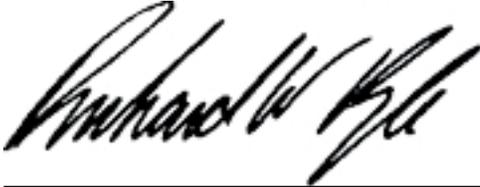
¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

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

CERTIFICATE USA/0795/S-96, REVISION 1

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 September 28, 2016 petition by BWXT NOG Technologies, Inc., Lynchburg, VA, and in consideration of other information on file in this Office.

Certified By:

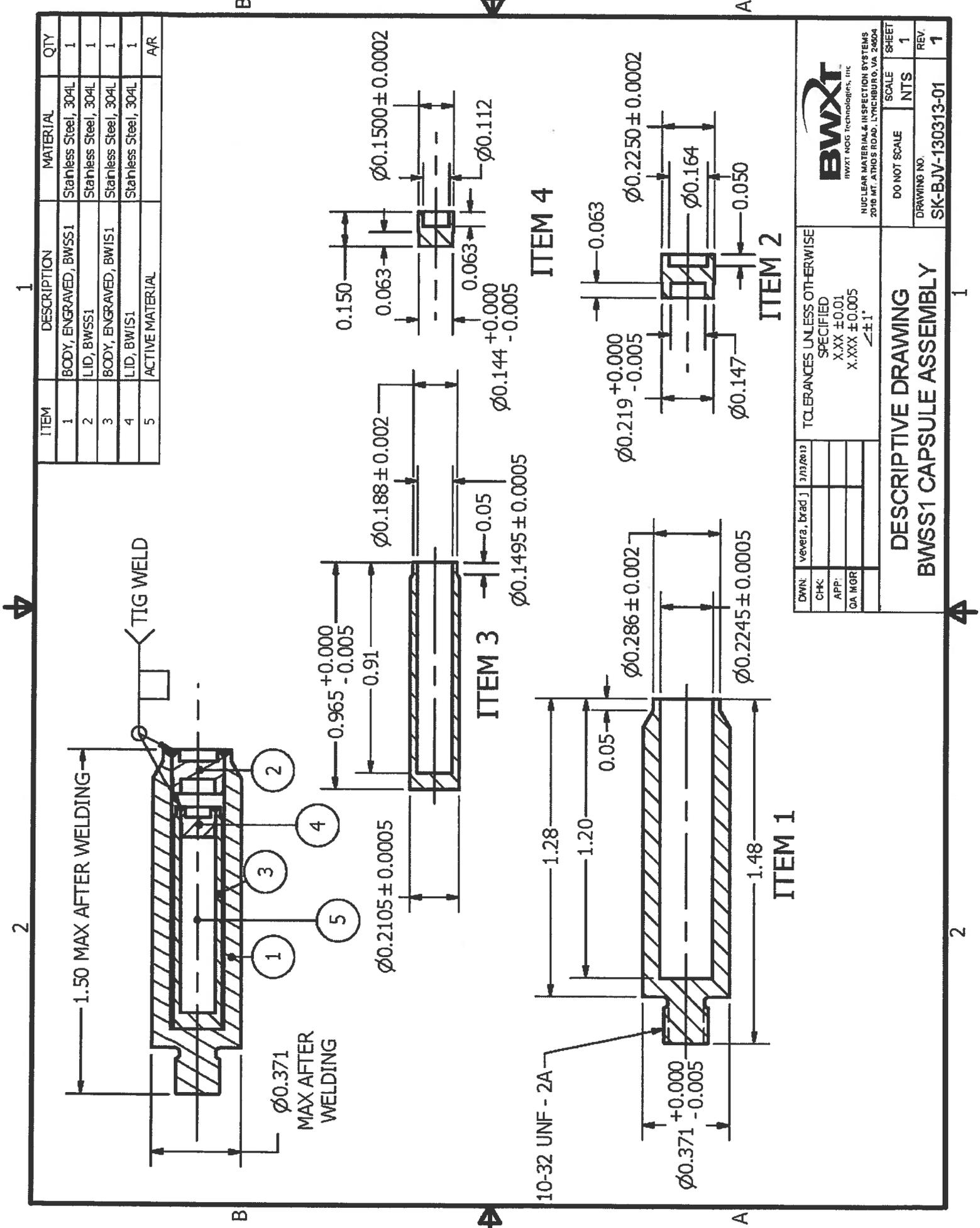


Oct 21 2016

(DATE)

 _____
William Schoonover
Acting Associate Administrator for Hazardous Materials Safety

Revision 1 - Issued to update corporate name and drawing.



ITEM	DESCRIPTION	MATERIAL	QTY
1	BODY, ENGRAVED, BWSS1	Stainless Steel, 304L	1
2	LID, BWSS1	Stainless Steel, 304L	1
3	BODY, ENGRAVED, BWIS1	Stainless Steel, 304L	1
4	LID, BWIS1	Stainless Steel, 304L	1
5	ACTIVE MATERIAL		AR

DWN: vevera, brad j	3/13/2013	TOLERANCES UNLESS OTHERWISE SPECIFIED	SCALE	SHEET
CHK:		X.XX ±0.01	DO NOT SCALE	1
APP:		X.XXX ±0.005	NTS	1
QA MGR:		$\pm 1\%$	DRAWING NO.	REV.
DESCRIPTIVE DRAWING BWSS1 CAPSULE ASSEMBLY			SK-BJV-130313-01	1



1

2

1

2



U.S. Department
of Transportation

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

**Pipeline and
Hazardous Materials
Safety Administration**

CERTIFICATE NUMBER: USA/0795/S-96, Revision 1

ORIGINAL REGISTRANT(S):

Mr. Steve Jensen
Senior Principal Engineer
BWXT NOG Technologies, Inc.
BWXT NOG Technologies, Inc
2016 Mt. Athos Road
Lynchburg, VA 24504