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

U.S. Department of Transportation

Pipeline and Hazardous Materials Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0065/S, REVISION 12

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. Source Identification - Model SR CF-1000 Series neutron sources manufactured by either the Savannah River Laboratory or the Oak Ridge National Laboratory.

2. Source Description - Cylindrical single encapsulation made of Type 304L stainless steel and inert gas seal welded. Approximate outer dimensions are 30.2 mm (1.19 in.) in diameter and 95.3 mm (3.75 in.) in length. A lifting stem on one end measures an additional 44.5 mm (1.75 in.) in length. Minimum wall thickness is 1.15 mm (0.045 in.). Construction shall be in accordance with attached E.I. Du Pont De Nemours and Co., Inc. Drawing No. ST3-18567, dated 9/10/75.

3. Radioactive Contents - No more than 1.9 TBq (52.0 Ci) of Californium-252 in the form of an oxide or 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.

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[1] "Regulations for the Safe Transport of Radioactive Material, 2018 Edition, No. SSR-6 (Rev. 1)" 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/0065/S, REVISION 12

5. Expiration Date - This certificate expires on May 30, 2030. Previous editions which have not reached their expiration date may continue to be used.

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 May 20, 2025 petition by Department of Energy, Washington, DC, and in consideration of other information on file in this Office.

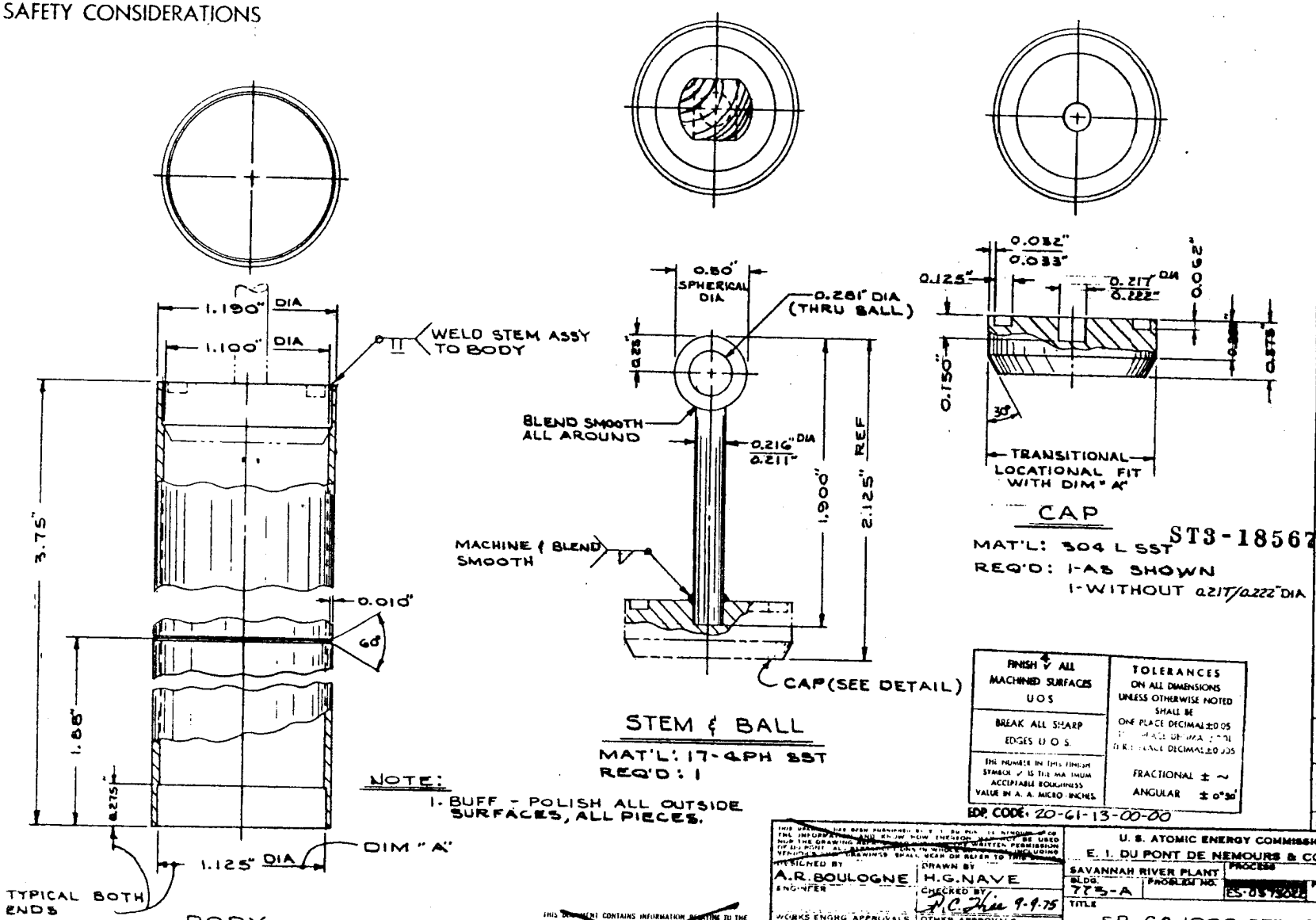
Certified By:

for William Schoonover
Associate Administrator for Hazardous Materials Safety

May 22, 2025
(DATE)

Revision 12 - Issued to endorse to 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material, SSR-6 (Rev. 1) and to extend the expiration date.

Analyze this print for
SAFETY CONSIDERATIONS



ST3-18567

NOTE:
1. BUFF - POLISH ALL OUTSIDE SURFACES, ALL PIECES.

FINISH ALL MACHINED SURFACES UOS	TOLERANCES ON ALL DIMENSIONS UNLESS OTHERWISE NOTED SHALL BE ONE PLACE DECIMAL ±0.05 [illegible] PLACE DECIMAL ±0.005 [illegible] PLACE DECIMAL ±0.005
BREAK ALL SHARP EDGES U.O.S.	FRACTIONAL ± ~
THE NUMBER IN THIS FINISH SYMBOL ✓ IS THE MAXIMUM ACCEPTABLE ROUGHNESS VALUE IN A. A. MICRO-INCHES	ANGULAR ± 0°30'

EDP. CODE: 20-61-13-00-00

DESIGNED BY A.R. BOULOGNE	DRAWN BY H.G. NAVE	U. S. ATOMIC ENERGY COMMISSION E. I. DU PONT DE NEMOURS & CO., INC.
ENGINEER	CHECKED BY P.C. Hise 9-9-75	SAVANNAH RIVER PLANT
WORKS ENGRG APPROVALS 9/4/75 / 9/2/75	OTHER APPROVALS: 7-10-75	BLDG. 773-A / PROBLEM NO. / PROCESS [redacted] ES-0575022 / PROJECT NO.
		TITLE SR-Cf 1000 SERIES SHIPPING CONTAINER
		DATE 9-10-75 / SCALE 2 x FULL / FILE ST3-18567

~~THIS DOCUMENT CONTAINS INFORMATION RELATING TO THE ACTIVITIES OF THE UNITED STATES ENERGY RESEARCH & DEVELOPMENT ADMINISTRATION. NOT TO BE REPRODUCED OR RELEASED WITHOUT PRIOR APPROVAL.~~

18567

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Pipeline and Hazardous Materials Safety Administration

CERTIFICATE NUMBER: USA/0065/S-96

ORIGINAL REGISTRANT(S):

Department of Energy
U.S. Department of Energy
1000 Independence Ave, SW
EM-60
Washington, DC, 20585
USA