



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/0174/S, REVISION 10

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 - Gulf Nuclear, Inc. Model No. CS-2. All sources authorized by this certificate shall have been manufactured prior to January 11, 1988.
2. Source Description - The source is a heliarc welded double encapsulation of stainless steel with maximum diameter of 8.7 mm (0.344 in.) and a length of 30.6 mm (1.205 in.). The minimum wall thickness of the outer capsule is 0.66 mm (0.026 in.), and that of the inner capsule is 0.76 mm (0.030 in.). The source shall be manufactured in accordance with attached Gulf Nuclear, Inc. Drawing No. A-39-A.
3. Radioactive Contents - Not more than 74 GBq (2.0 Ci) of Cesium-137 in the form of solid microsphere resin pellets.
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.

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.

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5. Expiration Date - This certificate expires on March 31, 2031. 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 March 4, 2026 petition by QSA Global, Inc., Burlington, MA, and in consideration of other information on file in this Office.

Certified By:



William Quade
Acting Associate Administrator for
Hazardous Materials Safety

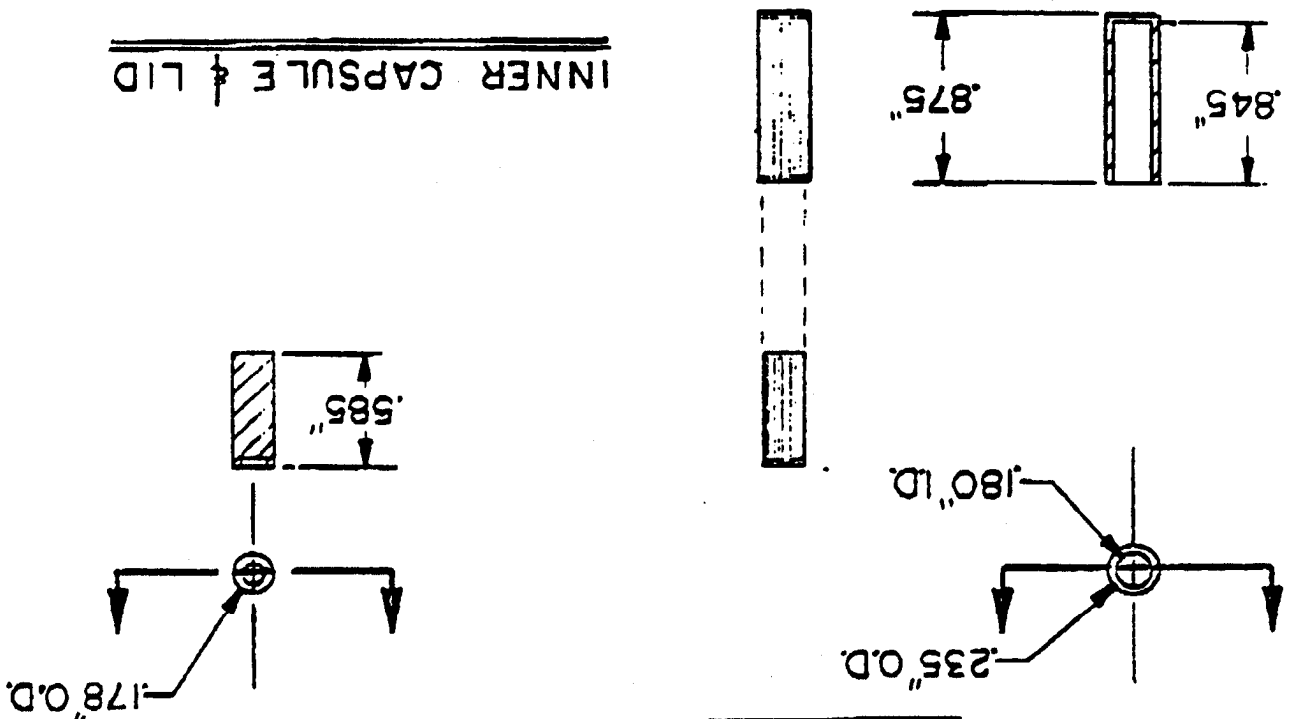
March 18, 2026
(DATE)

Revision 10 - 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.

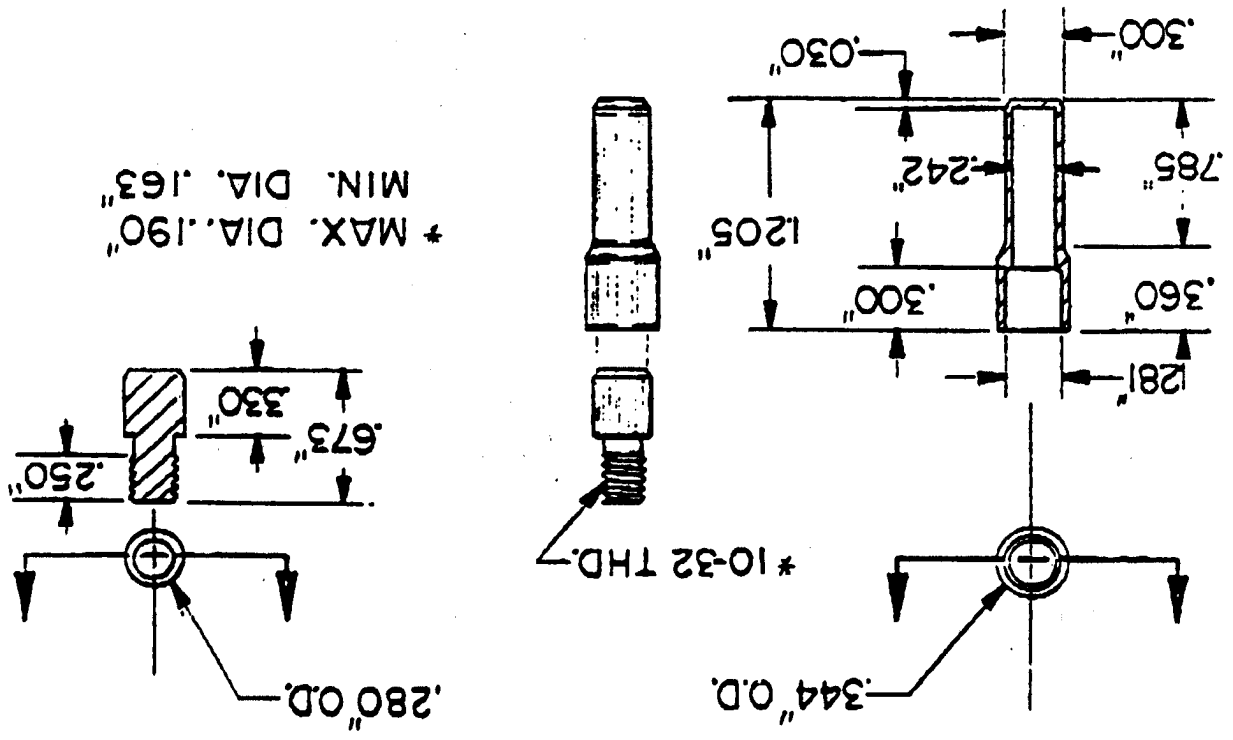
REVISED		GULF NUCLEAR, INC.	
NO.	DATE	BY	
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DRESSER ATLAS CS-2 CAPSULE			
DRAWN BY MPA		SCALE FULL MATERIAL SS.	
CHK'D		DATE 9-21-82	
APPROVED		APP'D	

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INNER CAPSULE & LID



OUTER CAPSULE & LID





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Washington, D.C. 20590

CERTIFICATE NUMBER: USA/0174/S-96

ORIGINAL REGISTRANT(S) :

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