



Department of Energy
Washington, DC 20585

DEC 04 2012

Mr. Christopher M. Lloyd
Vice President, Quality Assurance
Transnuclear, Inc.
7135 Minstrel Way, Suite 300
Columbia, MD 21045

Dear Mr. Lloyd:

Enclosed is the U. S. Department of Energy (DOE) Quality Assurance (QA) Program Approval for Type B and Fissile Radioactive Materials Packages (Approval Number 0003, Revision 1) for Transnuclear, Inc., in response to the request dated June 26, 2012. This approval is based on the U.S. Nuclear Regulatory Commission (NRC) approval of your QA Program for Radioactive Material Packages No. 0250, Revision 18, issued on April 13, 2012, with an expiration date of October 31, 2021.

This DOE QA Approval satisfies the requirements of DOE Order 460.1C and complies with the provisions in 49 CFR Part 173.7(d) for DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71. The DOE QA Approval will remain in effect for 5 years, as indicated in Block No. 3 of the enclosed QA Program Approval form. If Transnuclear, Inc. needs to renew, amend or terminate its QA Program Approval, please request this action in writing by referencing the DOE QA Approval Docket 2010-003.

This letter also serves as a reminder that DOE Order 460.1C requires each entity that offers for transportation or transports radioactive material for DOE in Type B or fissile material packaging certified by the Headquarters Certifying Official (HCO) or the NRC be registered in writing with the HCO.

If you have any questions, please contact me at (301) 903-7854, or Mr. Prakash Kunjeer of my staff at (301) 903-2443.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen C. O'Connor".

Stephen C. O'Connor
Headquarters Certifying Official
Director, Office of Packaging and Transportation

Enclosure



U.S. Department of Energy
QUALITY ASSURANCE PROGRAM APPROVAL
 For Type B and Fissile Radioactive Material Packages

1. APPROVAL NUMBER	003
REVISION NUMBER	1

Pursuant to DOE Order 460.1C, *Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance* (QA) directs that each entity that participates in the design, fabrication, procurement, use, or maintenance of a hazardous materials packaging must have a QA Program approved and audited by the Headquarters Certifying Official that satisfies the requirements of 10 CFR Part 71, Subpart H, QA, for certified Type B and fissile radioactive materials packagings. The Contractors Requirements Document in paragraph 6 of the Order imposes the same requirement on DOE contractors. Based on the reliance on statements and representations heretofore made in Block 5 by the organization named in Block 2, the Quality Assurance Program Description identified in Block 5 is hereby approved. This approval is issued to satisfy the requirements of the Order, 49 CFR 173.7.(d), and 10 CFR 71.101. This approval is subject to all applicable rules, regulations, and orders of the U.S. Department of Energy now or hereafter in effect and to any conditions specified below.

2. ORGANIZATION NAME			3. EXPIRATION DATE
Transnuclear, Inc.			11/30/2017
STREET ADDRESS			4. DOCKET NUMBER
7135 Minstrel Way, Suite 300			
CITY	STATE	ZIP CODE	
Columbia	MD	21045	2010-003

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)
 Rev 0 09/15/2010; Rev 1 06/26/2012

6. CONDITIONS
1. Activities conducted regarding Type B and fissile material transportation packagings are to be executed under applicable criteria of 10 CFR Part 71 Subpart H. Authorized activities include: design, procurement, fabrication, assembly, testing, modification, maintenance, repair, and use of transportation packagings.
 2. Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
 - a. Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
 - b. Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
 - c. Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
 3. Planned and periodic audits of all aspects of the Quality Assurance Program shall be conducted in accordance with written procedures or checklists, by appropriately trained personnel not having direct responsibility in the areas being audited, in accordance with 10 CFR 71.137.
 4. In addition to the requirements of Subparts G and H of 10 CFR 71, and except as specified in Section 5(d), "Conditions," of applicable Certificates of Compliance, each package must be designed, fabricated, acceptance tested, operated, and maintained in accordance with applicable Safety Analysis Report for Packaging requirements; specifically, Chapter 7, "Operating Procedures," Chapter 8, "Acceptance Tests and Maintenance Program," and Chapter 9, "Quality Assurance."

FOR THE U.S. DEPARTMENT OF ENERGY

SIGNATURE 	DATE OF ISSUANCE 12/03/12
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Stephen O'Connor
 DOE Headquarters Certifying Official