



Department of Energy
Washington, DC 20585

February 21, 2019

Mr. Douglas Brownson
Manager, Quality Assurance
TN Americas, LLC
7135 Minstrel Way, Suite 300
Columbia, MD 21045

Dear Mr. Brownson:

In response to your letter dated January 30, 2019 to Dr. James Shuler of my staff, enclosed is Department of Energy (DOE), Quality Assurance Program Approval (QAPA), Number 0003, Revision 4, for TN Americas, LLC (a wholly owned subsidiary of Orano USA), for renewal. This approval is based on DOE Packaging Certification Program (PCP) endorsement of the Nuclear Regulatory Commission's (NRC) Approval No. 0250, Revision 23, issued on October 11, 2018 and *TN LLC Quality Assurance Program Description Manual for 10 CFR 71, Subpart H and 10 CFR 72, Subpart G* (QAPDM), Revision 16, effective October 17, 2018.

This DOE QAPA satisfies DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, and therefore complies with the provisions in 49 CFR 173.7(d) for the DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71.

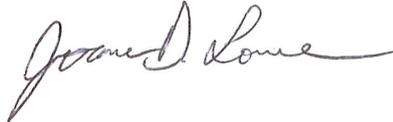
The expiration date of DOE QAPA 0003, Revision 4, is April 30, 2024. If you wish to renew, revise, or terminate QAPA 0003, please request this action in writing. Any revisions to your QAPDM, except for spelling corrections and nonsubstantive changes to punctuation or editorial items, shall be submitted and approved by the DOE PCP prior to implementation of the proposed changes.

Furthermore, since TN Americas is not a DOE Management and Operating Contractor, TN Americas shall not consign a DOE certified package for shipment. Only Departmental elements or persons working under contract to Departmental elements shall consign a DOE certified package for shipment. However, TN Americas can transfer the

material onsite to DOE elements or persons working under contract to DOE elements for consignment of a DOE certified package.

If you have any questions, please contact me or Dr. James M. Shuler of my staff at (301) 903-5513.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joanne D. Lorence".

Joanne D. Lorence
Headquarters Certifying Official
Director
Office of Packaging and Transportation

Enclosure

cc: Glenn Mathues, Orano
James Shuler, EM-4.24
QA Docket 2010-003



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

1. APPROVAL NUMBER 0003
REVISION 4

Pursuant to DOE Order 460.1D, *Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each Departmental element that participates in the use, design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of Type B or fissile materials packaging must have and maintain a quality assurance (QA) program in accordance with 10 CFR Part 71, Subpart H that is approved by the NRC or the DOE Certifying Official, prior to the performance of those operations. The Contractors Requirements Document in Attachment 1 of Paragraph 5.a. 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 TN Americas, LLC (a wholly owned subsidiary company of Orano USA)			3. EXPIRATION DATE April 30, 2024
STREET ADDRESS 7135 Minstrel Way Suite 300			
CITY Columbia	STATE MD	ZIP CODE 21045	4. DOCKET NUMBER 2010-003

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
QA Program Approval No. 71-0250, Rev. No. 23, October 11, 2018 and TN LLC Quality Assurance Program Description Manual for 10 CFR 71, Subpart H and 10 CFR 72, Subpart G, Revision 16, October 17, 2018

6. CONDITIONS
- 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.
 - Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
 - Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
 - Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
 - Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
 - 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.
 - 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

02/21/2019

Joanne D. Lorence
 DOE Headquarters Certifying Official
 Director, Office of Packaging and Transportation