



Department of Energy

Washington, DC 20585

July 7, 2025

Mr. Michael J. Dammann
Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

Dear Mr. Dammann:

In response to your letter dated March 21, 2025, enclosed is Department of Energy (DOE), Quality Assurance Program Approval (QAPA), Approval Number 0024, Revision 2, for the Southwest Research Institute (SwRI). This approval and renewal are based on DOE Packaging Certification Program (PCP) staff's independent review of *Quality Project Plan (QPP) for Packaging Used for the Transport of Radioactive Material as Required in 10CFR71, Subpart H*, 01-QPP-035, Revision 3, April 12, 2023.

The changes in Revision 3 of the QPP, from Revision 2, are mostly administrative and do not reduce the commitments in the QPP previously approved by DOE.

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 0024, Revision 2, is April 30, 2030. If you wish to renew, revise, or terminate QAPA 0024, please request this action in writing. Any revisions to the SwRI QPP, except for spelling corrections and nonsubstantive changes to punctuation or editorial items, must be submitted and approved by the DOE PCP prior to implementation of the proposed changes.

Since SwRI is an NRC or agreement state licensee (TX), SwRI is not authorized to consign a DOE certified package for shipment. Only Departmental elements or persons working under contract to Departmental elements may consign a DOE certified package for shipment.

If you have any questions, please contact me or DOE Docket Manager Lawrence Gelder at (803) 645-3490.

Sincerely,

JULIA
SHENK

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SHENK
Date: 2025.07.07
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Julia C. Shenk
Headquarters Certifying Official
Director
Office of Packaging and Transportation

Enclosure: QAPA 0024, Rev. 2

cc: Christopher Cable, EM-4.24



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

1. APPROVAL NUMBER
0024

REVISION
2

Pursuant to DOE Order 460.1D, *Hazardous Materials 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
Southwest Research Institute

3. EXPIRATION DATE
April 30, 2030

STREET ADDRESS
6220 Culebra Road

4. DOCKET NUMBER
2014-001

CITY
San Antonio

STATE
TX

ZIP CODE
78238-5166

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
Quality Project Plan for Packaging Used for the Transport of Radioactive Material as Required in 10CFR71, Subpart H,
01 QPP 035, Revision 3, April 12, 2023.

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

JULIA
SHENK

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SHENK
Date: 2025.07.07
10:33:56 -04'00'

DATE OF ISSUANCE

7/7/2025

Julia C. Sherk
DOE Headquarters Certifying Official
Director, Office of Packaging and Transportation