



Department of Energy
Washington, DC 20585

April 14, 2015

Mr. Michael J. Dammann
Southwest Research Institute
6220 Culebra Road
San Antonio, Texas 78238

Dear Mr. Dammann:

Enclosed is the Department of Energy (DOE) Quality Assurance Program (QAP) Approval, Approval Number 0024, Revision 0, for Southwest Research Institute, in response to your request to my staff dated August 6, 2014, as supplemented. This approval is based on independent review by the Packaging Certification Program of *Quality Project Plan for Packaging Used for the Transport of Radioactive Material as Required in 10CFR71, Subpart H*, 01-QPP-035, Revision 1, December 5, 2014.

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

The expiration date of DOE Approval Number 0024, Revision 0 is April 30, 2020. If you wish to renew, revise, or terminate the QAP, please request this action in writing. Any revisions to the QAP shall be submitted and approved by DOE Packaging Certification Program prior to implementation of the proposed changes.

This approval memorandum also serves as a reminder that DOE Order 460.1 C requires each DOE 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 shall be registered in writing with the HCO. Refer to the following URL for registration instructions: <http://rampac.energy.gov>.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frank Marcinowski".

Frank Marcinowski
Headquarters Certifying Official
Deputy Assistant Secretary for
Waste Management

Enclosure

cc: Lawrence Gelder, SRNL
Bud Fabian, ANL





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

1. APPROVAL NUMBER 0024
REVISION 0

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 Attachment 1 of 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 Southwest Research Institute			3. EXPIRATION DATE April 30, 2020
STREET ADDRESS 6220 Culebra Road			4. DOCKET NUMBER 2014-004
CITY San Antonio	STATE TX	ZIP CODE 78238	

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 1, approved December 5, 2014

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 4/15/15
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Frank Marcinowski
 DOE Headquarters Certifying Official
 Deputy Assistant Secretary for Waste Management