



Department of Energy
Washington, DC 20585

November 6, 2015

MEMORANDUM FOR JOHNNY O. MOORE
MANAGER
OAK RIDGE NATIONAL LABORATORY SITE OFFICE

FROM: FRANK MARCINOWSKI 
HEADQUARTERS CERTIFYING OFFICIAL
DEPUTY ASSISTANT SECRETARY FOR
WASTE MANAGEMENT

SUBJECT: Revision 2 of Quality Assurance Program Approval Number 0012

This memorandum responds to your request dated September 1, as supplemented September 22, for revision of Department of Energy (DOE), Quality Assurance Program Approval (QAPA), Approval Number 0012. Attached is Revision 2 of the QAPA. This approval is based on independent review by the DOE Packaging Certification Program (PCP) of the administrative changes to the Oak Ridge National Laboratory / UT-Battelle *Packaging Quality Assurance Program Description Applicable to Type B and Type A(F) Packaging (PQPD)* dated October 21. PCP concurs that the changes to PQPD are only administrative and do not affect compliance with 10 CFR 71 Subpart H.

This DOE QAPA satisfies DOE Order 460.1C, *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 Approval Number 0012, Revision 2, is October 31, 2018. If you wish to renew, revise, or terminate the PQPD, please request this action in writing. Any revisions to this PQPD shall be submitted and approved by DOE PCP prior to implementation of the proposed changes.

This memorandum also serves as a reminder that DOE Order 460.1C 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 U.S. Nuclear Regulatory Commission be registered in writing with the HCO. Refer to the following website for registration instructions: <https://rampac.energy.gov>.

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

Attachment

cc: Dana Willaford, SC-OR
James Barnard, SC-OR
Roberta Riel, ANL





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

1. APPROVAL NUMBER
0012

REVISION
2

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 Oak Ridge National Laboratory / UT-Battelle			3. EXPIRATION DATE October 31, 2018
STREET ADDRESS P.O. Box 2008			4. DOCKET NUMBER 2011-005
CITY Oak Ridge	STATE TN	ZIP CODE 37831-20013	

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
 Application dated 10/6/2010 and Application dated 10/8/2013 with *Packaging Quality Assurance Program Description Applicable to Type B and Type A(F) Packaging (PQPD)* issued 5/24/2013 and updated 10/21/2015

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

11/6/15

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