



Department of Energy
Washington, DC 20585

June 17, 2016

MEMORANDUM FOR ROBERT O. MURPHY

MANAGER

PACKAGING AND TRANSPORTATION PROGRAM
LOS ALAMOS SITE OFFICE

FROM:

FRANK MARCINOWSKI 
HEADQUARTERS CERTIFYING OFFICIAL
ACTING ASSOCIATE PRINCIPAL DEPUTY ASSISTANT
SECRETARY FOR ENVIRONMENTAL MANAGEMENT

SUBJECT:

Quality Assurance Program Approval

Per your email request dated April 20, 2016, attached is the Department of Energy (DOE), Quality Assurance Program Approval, Approval Number 0005, Revision 2, for the Los Alamos National Laboratory. This approval is based on DOE Packaging Certification Program (PCP) endorsement of the National Nuclear Safety Administration (NNSA) Certifying Official's (CO) approval, February 18, 2016 of *Los Alamos National Laboratory Type B and Fissile Radioactive Material Quality Assurance Plan (QAP)*, P&T-PLAN-028, Revision 4, effective date March 14, 2016.

This DOE Quality Assurance Program Approval 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 Approval Number 0005, Revision 2 is March 14, 2019 (based on the expiration date of the QAP). Please notify my office in writing of any changes to the status of your QAP approval by the NNSA CO.

This approval 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 shall be registered in writing with the HCO. Refer to the following URL site 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





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

1. APPROVAL NUMBER
0005

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
 Los Alamos National Laboratory

3. EXPIRATION DATE
 March, 14, 2019

STREET ADDRESS
 P.O. Box 1663, MS A194

4. DOCKET NUMBER
 2010-006

CITY
 Los Alamos

STATE
 NM

ZIP CODE
 87545

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
Approval of Los Alamos Laboratory Type B and Fissile Radioactive Material Quality Assurance Plan, P&T-PLAN-028, R4, effective date March 14, 2016 (expiration date March 14, 2019), Memorandum from NNSA CO, February 18, 2016.

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

6/17/16

Frank Marcinowski
 DOE Headquarters Certifying Official
 Acting Associate Principal Deputy Assistant Secretary for Environmental Management