



Department of Energy

Washington, DC 20585

November 22, 2010

MEMORANDUM FOR ROBERT O. MURPHY
MANAGER,
PACKAGING AND TRANSPORTATION PROGRAM
LOS ALAMOS SITE OFFICE

FROM: FRANK MARCINOWSKI 
HEADQUARTERS CERTIFYING OFFICIAL
DEPUTY ASSISTANT SECRETARY FOR
TECHNICAL AND REGULATORY SUPPORT

SUBJECT: Quality Assurance Program Approval for Type B and Fissile
Radioactive Material Packages for Los Alamos National
Laboratory (DOE PCP QA Docket No. 2010-006)

Enclosed is the U.S. Department of Energy (DOE) Quality Assurance (QA) Program Approval for Type B and Fissile Radioactive Material Packages, (Approval Number 0005, Revision 0) for Los Alamos National Laboratory (LANL) in response to LANL request approved by you on September 22, 2010. This approval is based on the National Nuclear Security Administration approval of the LANL QAP, P&T-Plan-028, R2 dated May 3, 2010.

This DOE QA Approval satisfies the requirements of DOE Order 460.1C and complies with the provisions in 49 CFR Part 173(d) for DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71. The DOE QA Approval will remain in effect for five (5) years, as indicated in Block No. 3. If LANL needs to renew, amend, or terminate its DOE QA Program Approval, please have them request this action in writing.

This memorandum also serves as a reminder that DOE O 460.1C requires each entity that offers for transportation or transports radioactive material for DOE in a Type B or fissile material packaging certified by the Headquarters Certifying Official (HCO) or the Nuclear Regulatory Commission to be registered in writing with the HCO.

If you have any questions, please call Dr. James M. 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 NUMBER
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 (HCO) 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 (CRD) in paragraph 6 of the Order imposes the same requirement on DOE contractors. Based on the reliance on statements and representations heretofore made in Item 5 by the organization named in Item 2, the Quality Assurance Program Description identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of the Order, Section 173.7(d) of 49 CFR Part 173, and Section 71.101 of 10 CFR Part 71. 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
11/30/2015

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 APPLICATION DATE(S)
9/28/2010

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.

FOR THE U.S. DEPARTMENT OF ENERGY

SIGNATURE

DATE OF ISSUANCE

11/22/10

Frank Marcinowski
DOE Headquarters Certifying Official



Packaging and Transportation

P.O. Box 1663, MS A194
Los Alamos, New Mexico 87545
(505) 665-8628/Fax (505) 667-9829

Date: September 22, 2010
Refer To: P&T: 10-077

Dr. James M. Shuler
Manager DOE PCP
c/o Eagle Research Group, Inc.
13241 Executive Park Terrace
Germantown, MD 20874

Thru:

Robert O. Murphy PhD, Manager, Packaging and Transportation Program
U.S. Department of Energy/ National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road
Los Alamos, NM 87544

A handwritten signature in black ink, appearing to read 'Robert O. Murphy'.

Subject: EM Type B and Fissile Material Quality Assurance Matrix

Ref: Email from Marvin Bennett to Joel Baca, QA Submittals due October 1, dated September 17, 2010

The purpose of this correspondence is to respond to the Quality Assurance Matrix data requirements identified in the subject correspondence. In part the correspondence states " If your QA program has been approved by the US-NRC or by NNSA, which certifies you meet the requirements of 10 CFR 71 Subpart H, you may submit a copy of the certification in lieu of the matrix and implementing documents referenced in the matrix."

Los Alamos National Laboratory has an NNSA approved Type B and Fissile Radioactive materials packaging quality assurance plan. Please find attached a copy of the NNSA approval letter,

Please contact myself at (505) 665-2713, or David Chavez at (505) 665-0278 if you have any questions or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Donald Thorp'.

Donald Thorp
Engineering Manager
Operations Support – Packaging and Transportation