



Department of Energy

Washington, DC 20585

January 20, 2015

MEMORANDUM FOR: STEVEN J. LAWRENCE
MANAGER
NEVADA FIELD OFFICE

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

SUBJECT: Quality Assurance Program Approval for Type B and Fissile
Radioactive Materials Packages

Attached is the Department of Energy (DOE), Quality Assurance Program Approval, Approval Number 0008, Revision 1, for National Security Technologies (NSTec). This approval is based on DOE Packaging Certification Program (PCP) endorsement of the National Nuclear Security Administration (NNSA) Certifying Official's approval, on January 23, 2014, of PLN-1043, *Quality Assurance Implementation Plan for the Certified Packaging Program*, Revision 2 that was revised to include all tenants at the Nevada National Security Site, National Security Technologies, who use Certified Type B and fissile radioactive material packages.

This DOE QA Approval satisfies DOE Order 460.1C, 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 0008, Revision 1 is January 31, 2019. Please notify my office, in writing, of any changes to the status of NNSA's approval of NSTec's 10 CFR 71 Subpart H quality assurance implementation plan (PNL-1043).

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 website for registration instructions: <http://rampac.energy.gov>.

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

Attachment

cc: Nohemi Brewer, EM-30.1
Bud Fabian, ANL
Roberta Riel, ANL
Lawrence Gelder, SRNL





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

1. APPROVAL NUMBER
0008

REVISION
 1

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
 National Security Technologies, LLC

3. EXPIRATION DATE
 January 31, 2019

STREET ADDRESS
 P.O. Box 98521

4. DOCKET NUMBER
 2011-001

CITY
 Las Vegas

STATE
 NV

ZIP CODE
 89193-8521

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
 PLN-1043, Quality Assurance Implementation Plan for the Certified Packaging Program, Revision 2 (approved by NNSA CO.1/23/2014)

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

1/20/15

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