



Department of Energy  
Washington, DC 20585

September 6, 2018

MEMORANDUM FOR GEOFFREY BEAUSOLEIL  
MANAGER  
NNSA PRODUCTION OFFICE

FROM: JOANNE D. LORENCE *Joanne D. Lorence*  
HEADQUARTERS CERTIFYING OFFICIAL  
DIRECTOR  
OFFICE OF PACKAGING AND TRANSPORTATION

SUBJECT: Approval of Consolidated Nuclear Security Pantex Quality Assurance Program

Per the letter dated August 22, 2018, from Colby Yeary, through Larry Warner, to Dr. James Shuler of my staff, attached is Department of Energy (DOE) Quality Assurance Program Approval (QAPA), Approval Number 0032, Revision 0, for Consolidated Nuclear Security, LLC (CNS) Pantex Plant. This approval is based on DOE Packaging Certification Program (PCP) endorsement of the National Nuclear Safety Administration (NNSA) Certifying Official's (CO) approval, August 3, 2018, of *Pantex Packaging and Transportation Quality Assurance Program Plan (QAPP)*, PLN-0079, Issue 001.

This DOE QAPA satisfies DOE Order 460.1D, *Hazardous Materials 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 QAPA 0032, Revision 0, is August 31, 2023. If you wish to renew, revise, or terminate approval of QAPA 0032, please request this action in writing. Any revisions to the CNS Pantex QAPP, except for spelling corrections and nonsubstantive changes to punctuation or editorial items, shall be submitted and approved by the DOE PCP prior to implementation of the proposed changes.

This approval memorandum also serves as a reminder that the Order requires that for offsite transportation each Departmental element that uses a Type B or fissile package certified by DOE must register with the DOE Certifying Official prior to first use of the package. Refer to the following URL for registration instructions: <https://rampac.energy.gov/home/package-certification-information/guidance/doe-guidance>.

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

Attachment

cc: Larry Warner, NPO Pantex  
Colby Yeary, CNS  
Josh Crooks, CNS  
James Shuler, EM-4.24



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

1. APPROVAL NUMBER

**0032**

REVISION

0

Pursuant to DOE Order 460.1D, *Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each Departmental element that participates in the use, design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of Type B or fissile materials packaging must have and maintain a quality assurance (QA) program in accordance with 10 CFR Part 71, Subpart H that is approved by the NRC or the DOE Certifying Official, prior to the performance of those operations. The Contractors Requirements Document in Attachment 1 of Paragraph 5.a. 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

Consolidated Nuclear Security, LLC (for Pantex Plant)

3. EXPIRATION DATE

August 31, 2023

STREET ADDRESS

P.O. Box 30020

4. DOCKET NUMBER

CITY

Amarillo

STATE

TX

ZIP CODE

79120-0020

2018-004

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE

DOE approval of CNS *Pantex Packaging and Transportation Quality Assurance Program Plan*, PLN-0079, Issue 001, is based on endorsement of the NNSA CO approval dated August 3, 2018.

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

09/06/2018

Joanne D. Lorence  
 DOE Headquarters Certifying Official  
 Director, Office of Packaging and Transportation