



## Department of Energy

Washington, DC 20585

December 8, 2014

Mr. R. Howard Smith  
NAC International  
3930 East Jones Bridge Road  
Suite 200  
Norcross, Georgia 30092

Dear Mr. Smith:

Enclosed is the Department of Energy (DOE), Quality Assurance Program Approval, Approval Number 004, Revision 1, for NAC International, in response to your email request to my staff dated May 16. This approval is based on the Nuclear Regulatory Commission (NRC) approval of your QA Program Description (QAPD) for Radioactive Material Packages, NRC Approval No. 0018, Revision 10, issued on May 5 with an expiration date of December 31, 2024.

This DOE QA 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 DOE Approval Number 004 is December 31, 2019. If you wish to renew, revise, or terminate the QAPD, please request this action in writing. Any revisions to the QAPD shall be submitted and approved by DOE Packaging Certification Program prior to implementation of the proposed changes.

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 NRC shall be registered in writing with the HCO. Refer to the following URL 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.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frank Marcinowski".

Frank Marcinowski  
Headquarters Certifying Official  
Deputy Assistant Secretary for  
Waste Management

Enclosure

cc: Lawrence Gelder, SRNL





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

1. APPROVAL NUMBER <b>004</b>
REVISION <b>1</b>

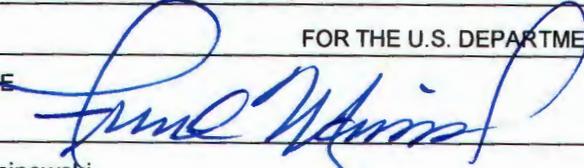
Pursuant to DOE Order 460.1C, *Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each entity that participates in the design, fabrication, procurement, use, or maintenance of a hazardous materials packaging must have a QA Program approved and audited by 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 NAC International			3. EXPIRATION DATE December 31, 2019
STREET ADDRESS 3930 East Jones Bridge Road, Suite 200			4. DOCKET NUMBER  2010-005
CITY Norcross	STATE GA	ZIP CODE 30092	

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE  
 DOE approval based on NRC Form 311, Approval Number 0018, Revision 10. May 5, 2014

6. CONDITIONS
- 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.
  - Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
    - Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
    - Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
    - Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
  - 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.
  - 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 12/8/14
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Frank Marcinowski  
 DOE Headquarters Certifying Official  
 Deputy Assistant Secretary for Waste Management