



Department of Energy
Washington, DC 20585

MAR 20 2014

MEMORANDUM FOR DR. JOANNA M. LIVENGOOD
MANAGER
ARGONNE SITE OFFICE

FROM: STEPHEN C. O'CONNOR
HEADQUARTERS CERTIFYING OFFICIAL
DIRECTOR, OFFICE OF PACKAGING AND
TRANSPORTATION

A handwritten signature in black ink, appearing to read "Stephen O'Connor", written over the printed name.

SUBJECT: Approval of Argonne National Laboratory's (ANL) Quality Assurance Program for Type B and Fissile Material Packagings, Docket No. 2011-006

Enclosed is the Department of Energy (DOE) approval of the Nuclear & Waste Management (NWM) Quality Assurance Program Plan (QAPP) for Type B and fissile material packagings (Approval Number 014, Revision 0) in response to your letter dated February 13.

The NWM QAPP satisfies the Quality Assurance (QA) requirements in DOE Order (O) 460.1C and 10 CFR 71, Subpart H. The Docket Number assigned to this review is 2011-006. This Approval will remain in effect for 5 years as indicated in Block No. 3 of the attached form.

If you wish to renew, amend, or terminate your QAP during this 5 year period, please request this action in writing. Any revisions to the QA Plan shall be submitted for approval in accordance with DOE O 460.1C prior to implementation of the proposed changes.

This approval letter serves as a reminder that DOE O 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 Nuclear Regulatory Commission shall be registered in writing with the HCO. The entity should refer to the following website for registration instructions:
<http://rampac.energy.com>.

Should you have any questions, please contact me or Prakash Kunjeer of my staff at (301) 903-2443.

Attachment

cc: P. Kearns, ANL



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

1. APPROVAL NUMBER	014
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 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 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			3. EXPIRATION DATE
Argonne National Laboratory			
STREET ADDRESS			03-31-2019
9800 South Cass Avenue			4. DOCKET NUMBER
CITY	STATE	ZIP CODE	
Argonne	IL	60439-4899	

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)
 10/19/2010, 02/13/2014

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 MAR 20, 2014
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Stephen O'Connor
 DOE Headquarters Certifying Official