



Department of Energy
Washington, DC 20585

October 6, 2021

Mr. Richard J. Freudenberger
Manager, Environment, Health, and Safeguards
BWXT Nuclear Operations Group, Inc. - Lynchburg
2016 Mt Athos Rd
Lynchburg, VA 24504

Dear Mr. Freudenberger:

In response to your letter dated September 9, 2021 to James Shuler of my staff, enclosed is Department of Energy (DOE), Quality Assurance Program Approval (QAPA), Approval Number 0011, Revision 4, for BWXT Nuclear Operations Group, Inc. - Lynchburg (BWXT NOG-L). This approval for amendment and renewal of QAPA 0011 is based on the DOE Packaging Certification Program's (PCP) previous endorsement of the Nuclear Regulatory Commission (NRC) Approval Number 0088, Revision 21, dated October 2, 2015, and DOE PCP review of BWXT *Quality Assurance Plan for Shipping Program*, QAP-0088, Revision 26, July 2021. DOE PCP concurs that the organization change to QAP-0088 does not reduce the commitments previously approved by NRC and provides reasonable assurance to meet the requirements of 10 CFR Part 71 Subpart H.

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 DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71.

The expiration date of DOE QAPA 0011, Revision 4, is November 30, 2027. If you wish to renew, revise, or terminate approval of the QAPA 0011, please request this action in writing. Any revisions to the QAP-0088, except for spelling corrections and non-substantive changes to punctuation or editorial items, must be submitted and approved by DOE PCP prior to implementation of proposed changes. Revisions to the QAP-0088 for spelling corrections and non-substantive changes to punctuation or editorial items should be submitted to DOE PCP for reference.

Furthermore, since BWXT NOG-L is an agreement state licensee (VA), BWXT NOG-L must not consign a DOE certified package for shipment. Only Departmental elements or persons working under contract to Departmental elements may consign a DOE certified package for shipment. However, BWXT NOG-L can transfer the material on-site to DOE elements or persons working under contract to DOE elements for consignment of a DOE certified package.

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

Sincerely,

Julia C.


Julia C. Shenk

Shenk

Headquarters Certifying Official

Director

Office of Packaging and Transportation

 Digitally signed by Julia
C. Shenk
Date: 2021.10.06
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Enclosure

cc: Chris Terry, BWXT NOG-L
Sandra Williams, BWXT NOG-L
James Shuler, EM-4.24
QA Docket 2011-015



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

1. APPROVAL NUMBER
0011

REVISION
 4

Pursuant to DOE Order 460.1D, *Hazardous Materials 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
 BWXT Nuclear Operations Group - Lynchburg

3. EXPIRATION DATE
 November 30, 2027

STREET ADDRESS
 2016 Mt. Athos Road

4. DOCKET NUMBER
 2011-015

CITY
 Lynchburg

STATE
 VA

ZIP CODE
 24504

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
DOE approval based on (a) endorsement of NRC Form 311, Approval Number 0088, Revision 21, October 2, 2015 and (b) BWXT Quality Assurance Plan for Shipping Program, QAP-0088, Revision 26, July 2021 (submitted to DOE and cc NRC September 9,2021)

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

Julia C. Shenk

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 Date: 2021.10.06 09:50:37 -04'00'

October 6, 2021

Julia C. Shenk
 DOE Headquarters Certifying Official
 Director, Office of Packaging and Transportation