



Department of Energy
Washington, DC 20585

August 11, 2025

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 request letter dated June 19, 2025, to Christopher Cable of my staff, enclosed is Department of Energy (DOE), Quality Assurance Program Approval (QAPA), Approval Number 0011, Revision 6, for BWXT Nuclear Operations Group, Inc. – Lynchburg (BWXT NOG-L). This approval for revision of QAPA 0011 is based on endorsement of the Nuclear Regulatory Commission (NRC) Form 311, Approval Number 0088, Revision 23, dated February 3, 2023, of BWXT Quality Assurance Plan for Shipping Program, QAP-0088, Revision 27, effective February 3, 2023, and DOE Packaging Certification Program (PCP) review of the changes in BWXT's *Quality Assurance Plan for Shipping Program*, QAP-0088, Revision 28, submitted to DOE on June 19, 2025.

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 6, is March 31, 2028. If you wish to renew, revise, or terminate approval of the QAPA 0011, please request this action in writing. Any revisions to the BWXT NOG-L QAP, except for spelling corrections and nonsubstantive changes to punctuation or editorial items, must be submitted and approved by the DOE PCP prior to implementation of the proposed changes. Revisions to the BWXT NOG-L QAP for spelling corrections and nonsubstantive 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 DOE Docket Manager, Lawrence Gelder at (803) 645-3490.

Sincerely,

**JULIA
SHENK**

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

Enclosure

cc: Daniel Ashworth, BWXT NOG-L
Sandra Williams, BWXT NOG-L
Christopher Cable, 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
6

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
March 31, 2028

STREET ADDRESS
2016 Mt. Athos Road

4. DOCKET NUMBER

CITY
Lynchburg

STATE
VA

ZIP CODE
24504

2011-015

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
DOE approval based on (a) endorsement of NRC Form 311, Approval Number 0088, Revision 23, February 3, 2023 and (b) BWXT Quality Assurance Plan for Shipping Program, QAP-0088, Revision 28, June 19, 2025.

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

JULIA
SHENK

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Date: 2025.08.11
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DATE OF ISSUANCE

8/11/25

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