



**Department of Energy**  
Washington, DC 20585

DEC 04 2012

Barry L. Cole  
Manager, Licensing and Safety Analysis  
Babcock & Wilcox Nuclear Operations Group, Inc.  
P. O. Box 785  
Lynchburg, VA 24505-0785

Dear Mr. Cole:

Enclosed is the U. S. Department of Energy (DOE) Quality Assurance (QA) Program Approval for Type B and Fissile Radioactive Materials Packages (Approval Number 0011, Revision 0) for Babcock & Wilcox Nuclear Operations Group, Inc, in response to a request dated September 15, 2011. This approval is based on the U. S. Nuclear Regulatory Commission (NRC) approval of your QA Program for Radioactive Material Package, Docket No. 0088, Revision 19, issued on February 10, 2011, with an expiration date of March 31, 2021.

This DOE QA Approval satisfies the requirements of DOE Order 460.1C and complies with the provisions in 49 CFR Part 173.7(d) for DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71. The DOE QA Approval will remain in effect for 5 years, as indicated in Block No. 3 of the enclosed QA Program Approval form. If Babcock & Wilcox Nuclear Operations Group, Inc. needs to renew, amend or terminate its QA Program Approval, please request this action in writing.

This letter also serves as a reminder that DOE O 460.1C requires each entity that offers for transportation or transports radioactive material for DOE in Type B or fissile material packaging certified by the DOE or NRC be registered in writing with the DOE Headquarters Certifying Official.

If you have any questions, please contact me at (301) 903-7854 or Prakash Kunjeer of my staff at (301) 903-2443.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen O'Connor", with a long horizontal flourish extending to the right.

Stephen C. O'Connor  
Headquarters Certifying Official  
Director, Office of Packaging and Transportation

Enclosure



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

1. APPROVAL NUMBER	0011
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
Babcock & Wilcox Nuclear Operations Group, Inc - Lynchburg			
STREET ADDRESS			11/30/2017
P.O. Box 785			4. DOCKET NUMBER
CITY	STATE	ZIP CODE	
Lynchburg	VA	24505-0785	

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)  
 09/15/2011

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

12/03/12

Stephen O'Connor  
 DOE Headquarters Certifying Official