



Department of Energy
Washington, DC 20585

May 12, 2016

MEMORANDUM FOR JOHN P. ZIMMERMAN
DEPUTY MANAGER
IDAHO CLEANUP PROJECT

FROM: FRANK MARCINOWSKI 
HEADQUARTERS CERTIFYING OFFICIAL
ACTING ASSOCIATE PRINCIPAL DEPUTY ASSISTANT
SECRETARY FOR ENVIRONMENTAL MANAGEMENT

SUBJECT: Quality Assurance Program Approval

Attached is the Department of Energy (DOE) Quality Assurance Program Approval (QAPA), Approval Number 0029, Revision 0, for Fluor Idaho, LLC, in response to your memorandum to Dr. James Shuler of my staff dated May 4, 2016. Since Fluor is adopting the current contractor's Quality Assurance Program, DOE approval is based on the independent review by the DOE Packaging Certification Program (PCP) of CH2M-WG Idaho, LLC's *ICP Type B and Fissile Radioactive Material Packaging Quality Assurance Program Plan*, PLN-5042, Revision 1, February 24, 2016.

This DOE QAPA satisfies DOE Order 460.1C, *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 Approval Number 0029, Revision 0, is April 30, 2021. If you wish to renew, amend, or terminate QAPA 0029 during this five year period, please request this action in writing. Any revisions to PLN-5042, Revision 1, shall be submitted and approved by DOE PCP prior to implementation of the proposed changes. In addition, QAPA 0028, issued to CH2M-WG Idaho, LLC is terminated effective June 1, 2016.

This approval memorandum also 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 U.S. Nuclear Regulatory Commission shall be registered in writing with the HCO. Refer to the following URL site for registration instructions: <https://rampac.energy.gov>.

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

Attachment

cc: Adrian Bergman, ID
Roberta Riel, ANL
Lawrence Gelder, SRNL





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

1. APPROVAL NUMBER 0029
REVISION 0

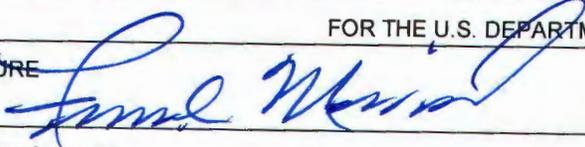
Pursuant to DOE Order 460.1C, *Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each entity that participates in the design, fabrication, procurement, use, or maintenance of a hazardous materials packaging must have a QA Program approved and audited by 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 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 Fluor Idaho, LLC			3. EXPIRATION DATE April 30, 2021
STREET ADDRESS 1070 Riverwalk Drive, Suite 201			4. DOCKET NUMBER 2016-002
CITY Idaho Falls	STATE ID	ZIP CODE 83404	

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
ICP Type B and Fissile Radioactive Material Packaging Quality Assurance Program Plan, PLN-5042, Revision 1, submitted with Memorandum dated February 24, 2016 (adopted by Fluor Idaho, LLC)

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 5/12/16
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Frank Marcinowski
 DOE Headquarters Certifying Official
 Acting Associate Principal Deputy Assistant Secretary for Environmental Management