



Department of Energy

Washington, DC 20585

January 20, 2026

MEMORANDUM FOR THEODORE E. OLDS
MANAGER
OAK RIDGE OFFICE OF ENVIRONMENTAL MANAGEMENT

FROM: JULIA C. SHENK **JULIA SHENK**
HEADQUARTERS CERTIFYING OFFICIAL
DIRECTOR
OFFICE OF PACKAGING AND TRANSPORTATION

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SHENK
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SUBJECT: Issuance of Quality Assurance Program Approval 0038, Revision 1

Attached is the Department of Energy (DOE) Quality Assurance Program (QAP) Approval, Approval Number 0038, Revision 1, for UCOR, LLC in response to your request dated September 18, 2025, as supplemented October 30, 2025, and January 12, 2026. This approval is based on independent review by the DOE Packaging Certification Program (PCP) of *UCOR, LLC Quality Assurance Program Description (QAPD) for the Procurement, Use, or Maintenance of Type B or Fissile Radioactive Packaging, Oak Ridge, Tennessee*, UCOR-5870, Revision 0, October 2025, which supersedes UCOR-5486 Revision 1 and CM-A-WP-007-R5-1.

This memorandum also documents termination of DOE QAP Approval Number 0041, for the Transuranic Waste Processing Center (TWPC), per email request on January 13, 2026, from Billy Roberts, due to UCOR consolidation of the TWPC QAPD (CM-A-WP-007-R5-1) with UCOR-5870.

This DOE QAP Approval 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 Approval Number 0038, Revision 1 is May 31, 2030. If you wish to renew, revise, or terminate approval of QAP Approval 0038, please request this action in writing. Any revisions to UCOR's QADP, except for spelling corrections and nonsubstantive changes to punctuation or editorial items, must be submitted and approved by DOE PCP prior to implementation of the proposed changes.

If you have any questions, please contact me or Christopher Cable at (240) 315-4901 or christopher.cable@em.doe.gov.

Attachment: QAPA-0038, Rev 1

cc: Billy Roberts (CONTR), OREM
Christopher P. Cable, EM-4.24
QA Docket 2021-002



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

1. APPROVAL NUMBER
0038

REVISION
1

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

UCOR, LLC (for activities on the Oak Ridge Reservation)

3. EXPIRATION DATE

May 31, 2030

STREET ADDRESS

701 Scarboro Road

4. DOCKET NUMBER

CITY

Oak Ridge 37830

STATE

TN

ZIP CODE

37830

2021-002

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE

UCOR, LLC Quality Assurance Program Description for the Procurement, Use, or Maintenance of Type B or Fissile Radioactive Packaging, Oak Ridge, Tennessee, UCOR-5870, Revision 0, October 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: 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: 2026.01.20
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DATE OF ISSUANCE

January 20, 2026

Julia C. Shenk

DOE Headquarters Certifying Official

Director, Office of Packaging and Transportation