

July 24, 2012

Mr. Steven A. Toelle  
Director, Regulatory Affairs  
USEC, Inc.  
6903 Rockledge Drive  
Bethesda, MD 20817-1818

SUBJECT: QUALITY ASSURANCE PROGRAM APPROVAL FOR RADIOACTIVE  
MATERIAL PACKAGES NO. 0832, REVISION 20

Dear Mr. Toelle:

Enclosed is the Quality Assurance (QA) Program Approval for Radioactive Material Packages No. 0832, Revision No. 20. This Approval satisfies the requirements of 10 CFR 71.17(b) and 71.101(c) for a QA Program approved by the U.S. Nuclear Regulatory Commission (NRC).

This Approval will remain in effect until the expiration date, indicated in Block No. 3. Termination of your materials license does not cause this Approval to be automatically terminated. If you wish to renew, amend, or terminate this Approval, please request it in writing.

This letter also serves as a reminder that if you are using or planning to use an NRC-approved packaging, you must be registered for use of that packaging with the NRC. Registration for use of NRC-approved packagings should be made pursuant to 10 CFR 71.17(c)(3).

If you have any questions, please contact me at 301-492-3294 or Jim Pearson at 301-492-3337.

Sincerely,

**/RA/**

Eric Benner, Chief  
Rules, Inspections, and Operations Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 71-0832

Enclosure: QA Program Approval No. 0832, Rev. 20

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Eric Benner, Chief  
Rules, Inspections, and Operations Branch  
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OFC:	SFPO	E	SFPO	E	SFPO	
NAME:	JPearson		MDeBose		EBenner	
DATE:	7/23/12		7/24/12		7/ 24 /12	

**OFFICIAL RECORD COPY**

**QUALITY ASSURANCE PROGRAM APPROVAL  
FOR RADIOACTIVE MATERIAL PACKAGES**

1. APPROVAL NUMBER

0832

REVISION NUMBER

20

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 71, and in reliance on statements and representations heretofore made in Item 5 by the organization named in Item 2, the Quality Assurance Program identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of Section 71.101 of 10 CFR Part 71. This approval is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

2. NAME

USEC, Inc. (Paducah Gaseous Diffusion Plant)

STREET ADDRESS

6903 Rockledge Drive

CITY

Bethesda

STATE

MD

ZIP CODE

20817

3. EXPIRATION DATE

January 31, 2022

4. DOCKET NUMBER

71-0832

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)

Nov. 30, 2004; June 6, 2006; December 5, 2011, and June 29, 2012

6. CONDITIONS

1. Activities conducted regarding 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.

**FOR THE U.S. NUCLEAR REGULATORY COMMISSION**

SIGNATURE

/RA/

DATE

7/24/12

ERIC BENNER, CHIEF  
RULES, INSPECTIONS, AND OPERATIONS BRANCH  
DIVISION OF SPENT FUEL STORAGE AND TRANSPORTATION  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS