

November 9, 2011

Mr. Peter J. Miner, Director
Regulatory Affairs and
Quality Assurance
USEC Inc.
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: REVISION TO CHAPTER 10.0 OF THE LICENSE APPLICATION AND THE
DECOMMISSIONING FUNDING PROGRAM FOR THE AMERICAN CENTRIFUGE
LEAD CASCADE FACILITY (TAC L33103)

Dear Mr. Miner:

I am responding to your letter dated January 28, 2011 (AET 11-0001), in which you requested the U.S. Nuclear Regulatory Commission (NRC) to review a proposed change to Chapter 10.0 of the License Application (LA) and the Decommissioning Funding Program (DFP) for the LA for the American Centrifuge Lead Cascade Facility (Lead Cascade). The proposed changes were submitted as part of the Lead Cascade's license renewal process to ensure that the DFP and Decommissioning Cost Estimate (DCE) met current requirements. In your letter, you stated that USEC Inc., (USEC) is updating its Cost Estimate in accordance with NUREG-1757 guidance as the previous estimate was based upon NUREG-1727.

By letter dated May 24, 2011, from Mr. Osiris Siurano, Project Manager, the NRC transmitted a Request for Additional Information (RAI). By letter dated July 22, 2011 (AET 11-0039), USEC provided responses to the RAI. By letter dated September 19, 2011, from Mr. Siurano, the NRC transmitted questions requesting clarification of USEC's July 22, 2011, responses to the May 24, 2011, RAI. By letter dated October 4, 2011 (AET 11-0048), USEC provided clarification to the September 19, 2011, letter. By E-mail dated October 26, 2011, Mr. Siurano provided a request for additional clarification to USEC's responses to RAI Number 7 in the May 24, 2011, and the October 4, 2011, clarification response to this same RAI. Finally, on November 1, 2011, a conference call was held with USEC to discuss the October 26, 2011, E-mail requesting additional clarification. Following the call, USEC transmitted an E-mail from Mr. Terry Sensue documenting USEC's response provided during the November 1, 2011, call.

The NRC staff has completed its review of your request. The revisions to the proposed change to Chapter 10.0 of the LA and DFP for the LA for the Lead Cascade have been found acceptable with the condition that, within 45 days from the date of this letter, USEC will submit a draft surety bond that provides the financial institute that will underwrite the bond for the approved DCE to the NRC for review. Within 60 days from the date of this letter in accordance with License Condition 15 of Materials License SNM-7003, USEC will submit a final executed financial assurance instrument for the approved DCE to the NRC.

This action completes the efforts on TAC L33103.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390(d) of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's document system (Agencywide Documents and Access Management System [ADAMS]). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 492-3117, or by E-mail at osiris.siurano-perez@nrc.gov.

Sincerely,

/RA/

Brian W. Smith, Chief
Uranium Enrichment Branch
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7003
License No. SNM-7003

cc: Mr. Terry Sensue, USEC Inc.

This action completes the efforts on TAC L33103.

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If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 492-3117, or by E-mail at osiris.siurano-perez@nrc.gov.

Sincerely,

/RA/

Brian W. Smith, Chief
 Uranium Enrichment Branch
 Fuel Facility Licensing Directorate
 Division of Fuel Cycle Safety
 and Safeguards
 Office of Nuclear Material Safety
 and Safeguards

Docket No. 70-7003
 License No. SNM-7003

cc: Mr. Terry Sensue, USEC Inc.

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*via e-mail

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