

July 15, 2011

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

SUBJECT: SUBMITTAL OF USEC INC. REQUEST FOR RENEWAL OF MATERIALS
LICENSE FOR THE AMERICAN CENTRIFUGE LEAD CASCADE FACILITY (TAC
NO. L33142)

Dear Mr. Miner:

I am responding to your May 20, 2011 (AET 11-0028), letter submitting, for U.S. Nuclear Regulatory Commission (NRC) review, USEC Inc.'s (USEC) request for renewal of Materials License SNM-7003 for the American Centrifuge Lead Cascade Facility (Lead Cascade) in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 70.73.

The NRC staff has completed an acceptance review of your submittal. The acceptance review covered the following technical areas:

- Environmental Report;
- Radiation Protection;
- Fire Safety;
- Management Measures;
- Chemical Safety;
- Criticality Safety;
- Material Control and Accountability; and
- Transportation Security.

Based on this review, the NRC staff concludes that USEC's submittal contains adequate and sufficient information for conducting a detailed technical review and, therefore, your submittal is deemed acceptable.

Pursuant to 10 CFR Part 2.109, USEC's current material license for the Lead Cascade will not be considered expired since your submittal was received at least 30 days prior to the license expiration date. During a conference call with you on May 26, 2011, discussing the license renewal request, you indicated that operations at the Lead Cascade were not expected to last beyond summer of 2012 and that following cessation of operations you would submit a request for license termination. As discussed during that call, because of the expected license termination request, the NRC will not conduct a detailed review of USEC's license renewal request at this time. Should USEC determine that operations need to be extended for a longer period of time, the NRC requests that USEC inform NRC of this determination. The NRC will, at that time, determine if it will proceed to perform a detailed review of USEC's submittal.

If you have any questions regarding this license, please contact Mr. Osiris Siurano-Perez at 301-492-3117, or via email osiris.siurano-perez@nrc.gov.

In accordance with 10 CFR 2.390(d) of the NRC "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 component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

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

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

cc: See enclosed list

If you have any questions regarding this license, please contact Mr. Osiris Siurano-Perez at 301-492-3117, or via email osiris.siurano-perez@nrc.gov.

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Sincerely,

/RA/

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

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

cc: See enclosed list

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