

September 13, 2007

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

SUBJECT: AMERICAN CENTRIFUGE LEAD CASCADE FACILITY, CHANGES TO
SECURITY PROGRAM (TAC L32383)

Dear Mr. Miner:

I am responding to your review request dated July 9, 2007 (AET 07-0036), in which you transmitted information, in accordance with 10 CFR 95.19, regarding the proposed changes to the Security Program for the American Centrifuge Lead Cascade Facility (Lead Cascade). Furthermore, pursuant to discussions held with Nuclear Regulatory Commission (NRC) staff on August 21, 2007, additional information was submitted in a letter dated August 28, 2007 (AET 07-0058), that supports your review request.

We have completed our review of the information provided on the Security Program. During the site visit on August 21, 2007, NRC staff met with USEC Inc. (USEC) and Department of Energy personnel to review and walk-down the proposed security modifications. The NRC staff discussed several requests for additional information (RAIs), many of which were resolved on site. The remaining unresolved RAIs were answered sufficiently in AET 07-0058. Therefore, on the basis of the NRC staff review and walk-down of USEC's proposed modifications to its Classified Matter Plan of the Security Program for the Lead Cascade, approval is granted for all proposed changes specified in the referenced correspondence. The date of the revised Security Program will be noted in a future license amendment.

We noted in your proposed changes, that you included language pertaining to OPSEC, TEMPEST, and TSCM programs. While we believe these programs will help to ensure the protection of classified information and matter at your facility, the NRC is currently considering implementing additional requirements that may affect these programs and others under your security regime. If these requirements are implemented, additional changes to your security program may be required.

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be available electronically from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>.

P. Miner

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This action completes the effort on TAC L32383. If you have any questions regarding this license, please contact James Downs at (301) 492-3232, or by email at jrd2@nrc.gov.

Sincerely,

/RA, by J. Olivier for/

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

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

cc: Terry Sensue

P. Miner

-2-

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| NAME | JDowns | | JKEverly Via E-mail | | LWilliamson | | BSmith /by, J. Olivier for/ | |
| DATE | 09/11/07 | | 09/13/07 | | 09/12/07 | | 09/13/07 | |

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