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May 24, 2017

Mr. Jonathan K. Corrado
Regulatory Manager
American Centrifuge Operating, LLC
3930 U.S. Route 23 South
P.O. Box 628
Piketon, OH 45661

SUBJECT: APPROVAL OF CHANGES TO THE SECURITY PROGRAM FOR THE
AMERICAN CENTRIFUGE LEAD CASCADE FACILITY AND THE AMERICAN
CENTRIFUGE PLANT (COST ACTIVITY CODE L34396)

Dear Mr. Corrado:

This letter responds to your letter dated November 16, 2016 (ACO 16-0040) (Agencywide Documents Access and Management System [ADAMS] Accession Number ML16330A509).

In ACO 16-0040, you requested the U.S. Nuclear Regulatory Commission (NRC) to approve proposed changes to the "Security Program for the American Centrifuge Plant" (NR-3605-0004). The proposed change alters the security requirements for the X-3001 Process Building. More specifically, the proposed change removes the classification of "Closed Area" from the mass spectrometer room (also known as the Local Control Center).

On April 25, 2017, a Department of Energy (DOE) representative notified the NRC that he had visited the mass spectrometer room and verified that the room no longer has any classified matter (ADAMS ML17120A069). In addition, the NRC staff evaluated your analysis that the proposed change will not decrease the effectiveness of the "Security Program for the American Centrifuge Plant" given that there is no classified matter in the mass spectrometer room. The NRC staff agrees with this conclusion.

Therefore, on the basis of the NRC and DOE review, the NRC approves the change described in ACO 16-0040 to the "Security Program for the American Centrifuge Plant." Accordingly, the date of November 16, 2016, of your license amendment application has been added to License Condition (LC) 10g of the attached licenses Special Nuclear Material-7003 (SNM) for the American Centrifuge Lead Cascade Facility (LCF) and SNM-2011 for the American Centrifuge Plant (ACP). Please note that March 13, 2017, was also added to LCs 10a, 10g, 10h, 10i, and 10l of the attached amended license SNM-7003 to reflect the most revisions to your licensing documents, including the License Application, Security Program, Fundamental Nuclear Material Control Plan, Quality Assurance Program Description, and Transportation Security Plan for Classified Matter Shipments. Similarly, March 13, 2017, was added to LC 10g of the attached amended license SNM-2011 as the date on which you issued a revision to the Security Program.

Document transmitted contains Security-Related Information . When separated from Enclosures 1 and 2, this document is decontrolled.
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Enclosures 1 and 2 provide complete (non-public) versions of Amendment 7 of the ACP's license and Amendment 12 of the LCF's license, respectively. Enclosures 3 and 4 provide redacted (public) versions of Amendment 7 of the ACP's license and Amendment 12 of the LCF's license, respectively. These license amendments are effective immediately.

This action completes our efforts on Cost Activity Code L34396.

In accordance with Title 10 *Code of Federal Regulations* Section 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's ADAMS. ADAMS is accessible from the NRC Web site at: <http://www.nrc.gov/readingrm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this matter, please contact Mr. Yawar Faraz by phone at (301) 415-7220, or via e-mail at Yawar.Faraz@nrc.gov.

Sincerely,

/RA/

Craig G. Erlanger, Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 07007003, 070077004
License Nos. SNM-7003, SNM-2011

Enclosures:

1. Amendment 7 of the ACP License (Non-Public)
2. Amendment 12 of the LCF license (Non-Public)
3. Amendment 7 of the ACP license (Public)
4. Amendment 12 of the LCF license (Public)

cc: R. DeVault, DOE
S. Rice, DOE
J. Hutson, DOE
L. Cutlip, Centrus

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