

May 25, 2017

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

SUBJECT: APPROVAL OF CHANGES TO THE TRANSPORTATION SECURITY
PROGRAM FOR THE AMERICAN CENTRIFUGE PLANT (COST ACTIVITY
CODE L34386)

Dear Mr. Corrado:

In your letter dated December 20, 2016 (ACO 16-0053) (Agencywide Documents Access and Management System [ADAMS] Accession Number ML16365A029), you requested U.S. Nuclear Regulatory Commission (NRC) approval of proposed changes to the Transportation Security Plan for Classified Matter Shipments for the American Centrifuge Plant (NR-3605-0010). The proposed change to NR-3605-0010, which applies to both the American Centrifuge Plant (ACP) and American Centrifuge Lead Cascade Facility (LCF), will establish the security protocols to ship classified and/or contaminated waste from these two facilities.

The NRC staff has completed its review and has determined that proposed changes provide reasonable assurance of physical protection of classified matter as required by Title 10 of the *Code of Federal Regulations* (10 CFR) Part 95, "Facility Security Clearance and Safeguarding of National Security Information and Restricted Data." Therefore, Special Nuclear Materials (SNM) license SNM-7003 and SNM-2011 are hereby amended.

Enclosure 1 to this letter provides the NRC staff's Safety Evaluation Report (SER) documenting the review of your submittals. Enclosures 2 and 3 provide redacted versions of Amendment 13 of the LCF's SNM-7003 and Amendment 8 of the ACP's license, SNM-2011 respectively. Enclosures 4 and 5 provide complete versions of Amendment 13 of SNM-7003 and Amendment 8 of SNM-2011, respectively. Accordingly, conditions 10.0 of SNM-7003 and 10.0 of SNM-2011 were revised to include the date of December 20, 2016. All other conditions of this amendment shall remain the same.

This letter and the enclosed SER concludes this licensing action and completes the efforts under Cost Activity Code L34386.

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J. Corrado

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In accordance with 10 CFR 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 Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions regarding this matter, please contact Mr. Yawar Faraz 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, 07007004
License Nos. SNM-7003, SNM-2011

Enclosures:

1. Safety Evaluation Report
2. Amendment 13 - LCF License
(Redacted)
3. Amendment 8 - ACP License
(Redacted)
4. Amendment 13 - LCF License
5. Amendment 8 - ACP License

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

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J. Corrado

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APPROVAL OF CHANGES TO THE TRANSPORTATION SECURITY PROGRAM FOR THE AMERICAN CENTRIFUGE PLANT (COST ACTIVITY CODE L34386)
DATED: APRIL XX, 2017

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