



March 10, 2020  
ACO 20-0008

ATTN: Document Control Desk  
Ms. Sabrina D. Atack, Acting Director  
Division of Security Operations  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

**American Centrifuge Lead Cascade Facility and American Centrifuge Plant  
Docket Numbers 70-7003 and 70-7004  
License Numbers SNM-7003 and SNM-2011**

**License Amendment Request for American Centrifuge Operating, LLC's Transportation Security Plan**

**INFORMATION TRANSMITTED HEREWITH IS PROTECTED FROM PUBLIC DISCLOSURE AS CONFIDENTIAL COMMERCIAL OR FINANCIAL INFORMATION AND/OR TRADE SECRETS PURSUANT TO 10 CFR 2.390 AND 9.17(a)(4)**

Dear Ms. Atack:

As committed under ACO letter dated February 7, 2020 (Reference 1), American Centrifuge Operating, LLC (ACO) formally submits a license amendment request for NR-3605-0010, *Transportation Security Plan for Classified Matter Shipments for the American Centrifuge Plant*, to the NRC for prior review and approval. This proposed change was determined not to decrease the effectiveness of the Security Programs/Plans in accordance with 10 *Code of Federal Regulations* (CFR) 70.32; however, the proposed change was determined to be a substantive change in accordance with 10 CFR 95.19 and requires U.S. Nuclear Regulatory Commission's (NRC) prior review and approval.

Enclosure 1 provides a detailed description, justification, and ACO's significance determination for the proposed changes to NR-3605-0010. Enclosure 2 provides proposed changes to NR-3605-0010. Changes from the previously NRC-approved document are noted with revision bars in the right-hand margin.

Enclosures 1 through 2 contain Security-Related Information and, in accordance with the guidance provided by the DOE, contain Official Use Only information. Therefore, ACO requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1).

~~Document/matter transmitted contains Security-Related Information-Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~

**When separated from enclosures, this cover letter is uncontrolled.**

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After the NRC staff has had an opportunity to review the enclosures, ACO is available to support a discussion with the NRC to address questions or clarify issues. Implementing documents are available at the site for inspection.

ACO requests that NRC complete their review and final approval on or before October 31, 2020 to support the ongoing schedule for the DOE's High Assay Low Enriched Uranium Demonstration Program.

If you have any questions regarding this matter, please contact me at (740) 897-3859.

Sincerely,



Kelly L. Wiehle  
Regulatory Manager

References:

1. ACO 20-0004 from K. Wiehle to M. Bailey (NRC) regarding Security Facility Approval for Classified Work: Review of Security Program and Applicable Security Plans for American Centrifuge Operating, LLC's Technology and Manufacturing Center in Oak Ridge, Tennessee, dated February 7, 2020
2. NRC letter from D. Parsons to S. Toelle (Centrus) regarding Close-Out Review of American Centrifuge Operating, LLC's Possessing Facility Clearance and Change to Non-Possessing Facility Security Clearance, dated February 1, 2018

cc (without enclosures, unless otherwise noted):

B. Brown, DOE, NE-ORSO1  
R. DeVault, DOE, NE-OR3, NE-ORSO  
K. Everly, NRC HQ (Enclosures)  
Y. Faraz, NRC HQ (Enclosures)  
J. Hutson, DOE ORO (Enclosures)  
N. Pitoniak, NRC Region II  
L. Pitts, NRC Region II (Enclosures)  
S. Rice, DOE, NE-ORSO (Enclosures)  
T. Vukovinsky, NRC Region II