



~~Security-Related Information - Withhold Under 10 CFR 2.390~~
~~Official Use Only~~

December 20, 2016
ACO 16-0053

ATTN: Document Control Desk
Mr. Marc L. Dapas, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

**American Centrifuge Lead Cascade Facility
Docket Number 70-7003; License Number SNM-7003**

**American Centrifuge Plant
Docket Number 70-7004; License Number SNM-2011**

Proposed Changes for Review and Approval of Transportation Security Plan for the American Centrifuge Plant – Security-Related Information and Official Use Only

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 Mr. Dapas:

Purpose

The purpose of this letter is to request the U.S. Nuclear Regulatory Commission (NRC) review and approve a proposed change to NR-3605-0010, *Transportation Security Plan for Classified Matter Shipments for the American Centrifuge Plant*, in accordance with 10 Code of Federal Regulations (CFR) 95.19 and 95.39. This proposed revision was determined not to decrease the effectiveness of the Security Program/Plans in accordance with 10 CFR 70.32; however, the proposed changes were determined to be a substantive change in accordance with 10 CFR 95.19 and requires NRC's prior review and approval.

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~~Document transmitted herewith contains~~
~~Security-Related Information - Withhold Under 10 CFR 2.390~~
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~~When separated from Enclosures 1 and 2, this letter is uncontrolled.~~

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Background

As stated within Section 2.16 of NR-3605-0004, *Security Program for the American Centrifuge Plant*, burial is an option that may be approved by the Cognizant Security Agency for permanent placement of classified matter. By Reference 1, American Centrifuge Operating, LLC (ACO) submitted a copy of the U.S. Department of Energy's (DOE) approval for disposal of classified programmatic waste from the ACO site by permanent burial at the Nevada National Security Site. The proposed change to NR-3605-0010 will establish the security protocols to ship classified and/or contaminated waste.

Discussion

Enclosure 1 of this letter provides a detailed description, justification, and ACO's significance determination for the shipment of classified waste to NNSS and requires prior review and approval in accordance with 10 CFR 95.19. Enclosure 2 of this letter provides the proposed change to NR-3605-0010. The proposed change to NR-3605-0010 incorporates packaging closure and securement as demonstrated to NRC and DOE onsite on August 31, 2016. This revision further incorporates the use of the method that was suggested by NRC as an acceptable method for monitoring classified shipments. Changes from the previous revision are noted with a revision bar in the right-hand margin.

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

Action

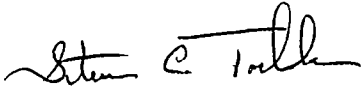
In accordance with 10 CFR 95.19, the proposed change requires the NRC's prior review and approval. ACO respectfully requests NRC's review and approval by February 28, 2017.

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Contact

If you have any questions regarding this matter, please contact me at (301) 564-3250 or Jonathan Corrado at (740) 897-2887.

Sincerely,



Steven A. Toelle
Director, Regulatory Affairs

Enclosures: As stated

Reference:

1. Centrus letter ACO 16-0045 from S.A. Toelle to M.L. Dapas (NRC) regarding Request for Approval of the Permanent Burial Site for the American Centrifuge Decommissioning Project, dated December 2, 2016

cc (without enclosures, unless otherwise noted):

R. DeVault, DOE ORO
K. Everly, NRC HQ (Enclosures)
Y. Faraz, NRC HQ (Enclosures)
T. Grice, NRC HQ
M. Meyer, NRC HQ
L. Pitts, NRC Region II (Enclosures)
S. Rice, DOE ORO (Enclosures)
O. Siurano-Perez, NRC HQ
A. Snyder, NRC HQ
M. Sykes, NRC Region II
T. Vukovinsky, NRC Region II