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May 19, 2017
ACO 17-0031

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

Supplemental 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 provide supplemental changes for NR-3605-0010, *Transportation Security Plan for Classified Matter Shipments for the American Centrifuge Plant*, to the U.S. Nuclear Regulatory Commission (NRC) for review and approval.

Background

On December 20, 2016 (Reference 1), American Centrifuge Operating, LLC (ACO) submitted proposed changes to NR-3605-0010 to the NRC for prior review and approval in accordance with 10 *Code of Federal Regulations* (CFR) 95.19 and 95.39. On February 23, 2017 (Reference 2),

American Centrifuge Operating, LLC
3930 U.S. Route 23 South – P.O. Box 628
Piketon, OH 45661

additional changes were made to better align with 10 CFR 95.27 and DSP-ISG-01, *Staff Review Procedure for Transportation Security Plans for Classified Matter Shipments*.

As discussed with NRC staff on May 18, 2017, additional changes have been made to clarify that the macro encapsulated solid low level mixed waste generated during Lead Cascade decommissioning efforts will be shipped off site to a treatment facility prior to being shipped for permanent burial.

Discussion

Because the intent behind these supplemental changes does not change from the initial submittal, the detailed description, justification, and ACO's significance determination as found in Enclosure 1 of Reference 1 has not changed. Enclosure 1 of this letter provides the supplemental changes to NR-3605-0010. All proposed changes to NR-3605-0010 contained within Enclosure 1 are noted in track changes with a revision bar in the right-hand margin.

Enclosure 1 contains Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy, 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 May 31, 2017.

Contact

If you have any questions regarding this matter, please contact me at (740) 897-2887 or Marty Karr at (202) 540-8235.

Sincerely,

Jonathan K. Corrado
Director, Regulatory Affairs

Enclosure: As stated

References:

1. Centrus letter ACO 16-0053 from S.A. Toelle to M.L. Dapas (NRC) regarding Proposed Changes for Review and Approval of Transportation Security Plan for the American Centrifuge Plant, dated December 20, 2016

2. Centrus letter ACO 17-0014 from J.K. Corrado to M.L. Dapas (NRC) regarding Supplemental Changes for Review and Approval of Transportation Security Plan for the American Centrifuge Plant, dated February 23, 2017

cc (without enclosure, unless otherwise noted):
R. DeVault, DOE ORO
K. Everly, NRC HQ (Enclosure)
Y. Faraz, NRC HQ (Enclosure)
K. Kirchbaum, NRC Region II
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