



October 14, 2016

ACO 16-0038

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 Security Program for the American Centrifuge Plant – Security-Related Information, Official Use Only, and Export Controlled Information**

**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)**

**AND**

**INFORMATION TRANSMITTED HEREWITH IS PROTECTED FROM  
DISCLOSURE PURSUANT TO 10 CFR PART 810**

Dear Mr. Dapas:

**Purpose**

The purpose of this letter is to provide supplemental changes for NR-3605-0004, *Security Program for the American Centrifuge Plant*, to the U.S. Nuclear Regulatory Commission (NRC) for review and approval.

**Background**

On September 16, 2016 (Reference 1), American Centrifuge Operating, LLC (ACO) submitted proposed changes to NR-3605-0004 to the NRC for prior review and approval in accordance with 10 *Code of Federal Regulations* 95.19.

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**When separated from Enclosures 1 and 2, this letter is uncontrolled.**

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As discussed with the NRC and U.S. Department of Energy (DOE) staff on October 5, 2016, additional changes have been made to better align with the recently NRC-approved SP-3605-0033, *Classified Matter Storage Within the X-3001 Process Building*, requirements.

**Discussion**

Enclosure 1 of this letter provides a revised detailed description, justification, and ACO's significance determination for the proposed changes and requires prior review and approval in accordance with 10 CFR 95.19. Enclosure 2 of this letter provides the revised NR-3605-0004. Changes 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). Additionally, Enclosure 2 has been determined, in accordance with the guidance provided by the DOE, to contain Export Controlled Information and must be protected from disclosure per the requirements of 10 CFR Part 810.

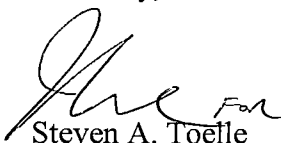
**Action**

In accordance with 10 CFR 95.19, the proposed changes to the Security Program require the NRC's prior review and approval. ACO respectfully requests that NRC's review and approval be completed prior to October 31, 2016.

**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

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Reference:

1. Letter ACO 16-0032 from S.A. Toelle to M. Dapas regarding Proposed Changes for Review and Approval of Security Program for the American Centrifuge Plant, dated September 16, 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  
J. Hutson, DOE ORO (Enclosures)  
M. Meyer, NRC HQ  
Q. Nguyen, DOE ORO (Enclosures)  
D. Parsons, 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