



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

July 20, 2016  
ACO 16-0021

ATTN: Document Control Desk  
Mr. Scott Moore, 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**

**Submittal for Review and Approval of New Security Plan for the American Centrifuge Lead Cascade Facility – 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. Moore:

**Purpose**

The purpose of this letter is to request the U.S. Nuclear Regulatory Commission (NRC) review and approval of a new security plan (SP-3605-0033) for the American Centrifuge Lead Cascade Facility, in accordance with 10 *Code of Federal Regulations* (CFR) 95.19. This new security plan was determined not to decrease the effectiveness of the Security Program in accordance with 10 CFR 70.32; however, the new security plan was determined to be a substantive change in accordance with 10 CFR 95.19 and requires NRC prior review and approval.

**Background**

During the week of June 6, 2016, Mr. Steve Rice of U.S. Department of Energy (DOE), reviewed the draft security plan and walked down the proposed expansion of the security area. Mr. Rice confirmed that the non-conforming storage resulted in protection effectiveness equivalent to that provided to similar levels and categories of classified matter protected by

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standard configurations; thereby, approving this new security plan. Methods, protection measures, and procedures are documented within the enclosed security plan for formal approval by the Cognizant Security Agency.

### Discussion

Enclosure 1 of this letter provides a detailed description, justification, and American Centrifuge Operating, LLC's (ACO's) significance determination for the proposed change and requires prior review and approval in accordance with 10 CFR 95.19. Enclosure 2 of this letter provides SP-3605-0033, *Classified Matter Storage Within The X-3001 Process Building*.

Enclosures 1 and 2 contain Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy (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).

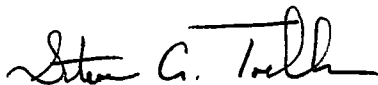
### Action

In accordance with 10 CFR 95.19, the new security plan requires the NRC's prior review and approval. ACO respectfully requests that NRC's review and approval be completed prior to August 19, 2016.

### Contact

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

Sincerely,



Steven A. Toelle  
Director, Regulatory Affairs

Enclosures: As stated

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cc (without enclosures, unless otherwise noted):

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