



April 8, 2015  
ACO 15-0009

ATTN: Document Control Desk  
Mr. Michael Layton  
Acting Director, Division of Security Operations  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

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

**Response to Request for Additional Information Regarding Review of the Security Plans  
for the American Centrifuge Facility in Paducah, Kentucky (TAC NOs. L34309 and  
L34310) – Security-Related Information and Official Use Only**

**INFORMATION TRANSMITTED HERewith IS PROTECTED FROM PUBLIC  
DISCLOSURE AS SECURITY RELATED INFORMATION PURSUANT TO  
10 CFR 2.390(d)(1)**

Dear Mr. Layton:

The purpose of this letter is to respond to the U.S. Nuclear Regulatory Commission (NRC) requests for additional information (RAIs) (References 1 and 2) regarding the review of the proposed security plans for the American Centrifuge Operating, LLC (ACO) Paducah-Governor's Crossing (PGC) facility in Paducah, Kentucky. Responses to NRC's RAIs are provided in Enclosures 1 and 2. Enclosures 3, 4, and 5 provide the revised security plans (SP-PGC-0001, SP-PGC-0002, and SP-PGC-0003) with changes identified in the right-hand margin for your ease of review.

As discussed on the February 27, 2015, phone call with NRC and U.S. Department of Energy (DOE) staff, the PGC facility in Paducah will be operated under Docket Numbers 70-7004 and 70-7003. As such, the PGC facility will be designated as an additional place of performance for ACO.

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

~~When separated from Enclosures 1 through 5, this letter is uncontrolled.~~

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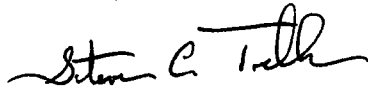
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Mr. Steven Penrod will be assigned as the PGC Facility Security Officer (FSO). Mr. Keith Edwards will be assigned as the PGC FSO Alternate.

Enclosures 1 through 5 contain Security-Related Information. Additionally, 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 *Code of Federal Regulations* 2.390(d)(1).

If you have any questions regarding this matter, please contact me at (301) 564-3250.

Sincerely,



Steven A. Toelle  
Director, Regulatory Affairs

Enclosures:

1. Responses to First Round of NRC Request for Additional Information
2. Responses to Second Round of NRC Request for Additional Information
3. SP-PGC-0001, *Classified Matter Protection Plan*, Revision 0
4. SP-PGC-0002, *Network Information System Security Plan (ISSP)*, Revision 0
5. SP-PGC-0003, *Classified Distributive Information Network (CDIN) Plan*, Revision 0

References:

1. NRC letter from B.W. Smith to S.A. Toelle (ACO), regarding Request For Additional Information Regarding Review of the Security Plan for the American Centrifuge Program Facility in Paducah, Kentucky (TAC No. L34309), dated February 27, 2015
2. NRC letter from B.W. Smith to S.A. Toelle (ACO), regarding Submission of Proposed Security Plans for the American Centrifuge Program Facility in Paducah, Kentucky – Technical Assignment Control Numbers L34309 and L34310, dated March 13, 2015

cc (without enclosures, unless otherwise noted):

R. DeVault, DOE ORO  
K. Everly, NRC HQ (Enclosures)  
J. Hickey, NRC Region II  
J. Hutson, DOE ORO (Enclosures)  
L. Pitts, NRC Region II (Enclosures)  
S. Rice, DOE ORO (Enclosures)  
O. Siurano-Perez, NRC HQ (Enclosures)  
B. Smith, NRC HQ