



March 7, 2013  
ACO 13-0017

ATTN: Document Control Desk  
Ms. Catherine Haney, Director  
Office of Nuclear Material Safety and Safeguards  
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  
Submission of Cyber Security Plans and Security Test Evaluation Results for the American  
Centrifuge Operating, LLC – 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 Ms. Haney:

**Purpose**

Pursuant to Reference 1, the American Centrifuge Operating, LLC (ACO) hereby submits cyber security plans and security test and evaluation (STE) results to the U.S. Nuclear Regulatory Commission (NRC) to complete the accreditation of the following plans:

- SP-2605-0027, *Information System Security Plan (ISSP) for Interconnected Classified Networks Processing Classified Information at Protection Index = 2*
- SP-3605-0002, *Classified Data Processing Network Information System Security Plan (ISSP) Processing Classified Information at Protection Index PI-2*
- SP-3605-0003, *Lead Cascade Distributed Control System Information System Security Plan (ISSP) Processing Classified Information at Protection Index PI-2*

**Background**

On January 11, 2011 (Reference 2), the NRC provided guidance related to classified computer network cyber security plans. Plan-specific definitions were incorporated into Chapter 2.0 of the NR-3605-0004, *Security Program for the American Centrifuge Plant*, to address this guidance as approved by the NRC in Reference 1.

Document 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.

American Centrifuge Operating, LLC  
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Piketon, OH 45661

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Ms. Catherine Haney  
March 7, 2013  
ACO 13-0017, Page 2

**Discussion**

Subsequent to the NRC's approval on February 8, 2013 (Reference 1) minor, non-substantial changes as defined by Reference 2 and NR-3605-0004 have also been made to these plans. These minor, non-substantial changes have little or no impact to the current operational status or security posture of the systems. These changes are administrative in nature and include the following: 1) the removal of specific names for approval of these cyber security plans due to changes in personnel; 2) revised the Authorizing Official from "DOE DAA" to "DOE/NE-ORSO" as discussed in Reference 1; 3) removed the footnote within Section 2; and 4) changed the revision number and effective date to reflect these most recent changes and issuance of the approved cyber security plans for the NRC's review and approval. Current and previously approved changes to these plans are designated with a revision bar in the right hand margin.

Enclosure 1 of this letter provides SP-2605-0027, Revision 5, dated February 2013. Enclosure 2 of this letter provides SP-3605-0002, Revision 2, dated February 2013. Enclosure 3 of this letter provides SP-3605-0003, Revision 2, dated February 2013. Enclosure 4 of this letter provides SP-3605-0002, STE Results. Enclosure 5 of this letter provides SP-3605-0003, STE Results.

Enclosures 1 through 5 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**

ACO respectfully requests that NRC review and approval of these cyber security plans be completed at your earliest convenience to allow the reaccreditation of these systems until January 1, 2015 as defined within Reference 1.

ACO respectfully requests that any NRC and/or DOE inspection and accreditation of these proposed changes be completed by March 25, 2013 to allow timely operation of the DCS to support the deployment of a Commercial Demonstration Cascade.

**Contact**

If you have any questions regarding this matter, please contact me at (301) 564-3470 or Vernon J. Shanks at (740) 897-2343.

Sincerely,



Peter J. Miner  
Director, Nuclear Safety and Safeguards

Enclosures: As Stated

Ms. Catherine Haney  
March 7, 2013  
ACO 13-0017, Page 3

cc (without Enclosures unless noted):

L. Castelli, NRC Region II  
R. DeVault, DOE  
J. Downs, NRC HQ  
K. Everly, NRC (w/Enclosures)  
J. Hutson, DOE ORO (w/Enclosures)  
D. King, DOE Piketon  
Q. Nguyen, DOE-ORO (w/Enclosures)  
L. Pitts, NRC Region II  
B. Smith, NRC HQ  
O. Siurano, NRC HQ (w/Enclosures)

References:

1. NRC letter from B.W. Smith to P.J. Miner (USEC) regarding Revision to Security Program for American Centrifuge Operating, LLC and Cyber Security Plans (TAC No. L34141), dated February 8, 2013
2. NRC letter from T. Tschiltz to P.J. Miner (USEC) regarding Guidance on Classified Computer Network Cyber Security Plans and Configuration Management Change Control, dated January 11, 2011