

December 30, 2014

Mr. Steven Toelle  
Director, Regulatory Affairs  
American Centrifuge Operating, LLC  
6903 Rockledge Drive  
Bethesda, MD 20817-1818

SUBJECT: AMERICAN CENTRIFUGE OPERATING, LLC'S CYBER SECURITY PLANS -  
RESOLUTION OF U.S. NUCLEAR REGULATORY COMMISSION'S COMMENTS  
AND APPROVAL OF PROPOSED PLANS - TECHNICAL ASSIGNMENT  
CONTROL NUMBERS L34289 AND L34297

Dear Mr. Toelle:

This refers to your letter dated December 15, 2014 (ACO 14-0042), providing American Centrifuge Operating, LLC's (ACO's) resolution to the November 5, 2014, U.S. Nuclear Regulatory Commission (NRC) staff comments (Agencywide Documents Access and Management Systems [ADAMS] Accession Number ML14304A572) on the following cyber security plans:

- SP-3605-0011, *American Centrifuge Classified Administrative Network Information System Security Plan*, Revision 0
- SP-3605-0013, *American Centrifuge Distributed Control System Information System Security Plan (ISSP)*, Revision 0

In your letter, you also provided cyber security plan SP-3605-0009, *American Centrifuge Classified Networks Baseline Security Control Security Plan*, Revision 0, for review and approval.

The NRC staff, in coordination with subject matter experts from the U.S. Department of Energy's Nuclear Energy Oak Ridge Site Office (DOE/NEORSO's) conducted a review of ACO's resolution to the November 5, 2014, comments. During its review of ACO's resolution of comments, the staff identified additional information that was still necessary, and provided additional comments via electronic communication (e-mail) to Ms. Kelly Coriell, Regulatory Engineer, ACO, on December 18, 2014. ACO addressed these comments and transmitted its resolution via e-mail dated December 19, 2014.

The NRC staff and DOE/NEORSO subject matter experts reviewed ACO's resolution to the December 18, 2014, comments and, based on their review of the information provided, determined that ACO had appropriately addressed all of the identified issues. As a result, ACO is approved to conduct the Security Assessment Reports (SAR) for SP-3605-0011 and SP-3605-0013. ACO is also approved to conduct the SAR for SP-3605-0010, *Interconnect Agreement for the American Centrifuge Program*, Revision 0, which was previously approved by the NRC in its November 5, 2014, letter.

With regard to your December 5, 2014 (ACO 14-0040), request for extension of the accreditation for cyber security plans SP-3605-0002, *Classified Data Processing Network Information System Security Plan (ISSP) - Processing Classified Information at Protection Index PI-2*, Revision 2, and SP-3605-0003, *Lead Cascade Distributed Control System Information System Security Plan (ISSP)*, Revision 3, the NRC staff has determined that this extension is necessary to allow ACO to complete the SARs, submit the updated ISSPs, and obtain authorization to operate by January 31, 2015. Therefore, your request for the extension of the accreditation of SP-3605-0002 and SP-3605-0003 until this date is approved. Please be reminded that ACO must submit all three SARs and updated ISSPs incorporating its resolution of all comments for the two identified networks in a timely manner for authorization to operate to be granted by the due date.

In accordance with Title 10 of the *Code of Federal Regulations* Section 2.390 of the NRC "Agency Rules of Practice and Procedure," a copy of this letter, without the Enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 287-9070, or at [Osiris.Siurano-Perez@nrc.gov](mailto:Osiris.Siurano-Perez@nrc.gov).

Sincerely,

**/RA/**

Brian W. Smith, Chief  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

Docket Nos. 70-7003, 70-7004  
License Nos. SNM-7003, SNM-2011

cc: Mr. Steven R. Penrod, Vice President  
Mr. Jim Lewis, General Manager  
Mr. Mario Robles, Regulatory Manager

With regard to your December 5, 2014 (ACO 14-0040), request for extension of the accreditation for cyber security plans SP-3605-0002, *Classified Data Processing Network Information System Security Plan (ISSP) – Processing Classified Information at Protection Index PI-2*, Revision 2, and SP-3605-0003, *Lead Cascade Distributed Control System Information System Security Plan (ISSP)*, Revision 3, the NRC staff has determined that this extension is necessary to allow ACO to complete the SARs, submit the updated ISSPs, and obtain authorization to operate by January 31, 2015. Therefore, your request for the extension of the accreditation of SP-3605-0002 and SP-3605-0003 until this date is approved. Please be reminded that ACO must submit all three SARs and updated ISSPs incorporating its resolution of all comments for the two identified networks in a timely manner for authorization to operate to be granted by the due date.

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Sincerely,

Brian W. Smith, Chief  
 Enrichment and Conversion Branch  
 Division of Fuel Cycle Safety, Safeguards,  
 and Environmental Review  
 Office of Nuclear Material Safety  
 and Safeguards

Docket Nos. 70-7003, 70-7004  
 License Nos. SNM-7003, SNM-2011

cc: Mr. Steven R. Penrod, Vice President  
 Mr. Jim Lewis, General Manager  
 Mr. Mario Robles, Regulatory Manager

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**ADAMS Package Number: ML14363A209      ADAMS Document Number: ML14363A206**

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