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September 8, 2022  
ACO 22-0060

ATTN: Document Control Desk

John W. Lubinski, Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Samuel Lee, Acting Director  
Division of Security Operations  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

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

**Submission of Description of Change and Changed Pages for American Centrifuge Operating,  
LLC Security Plans/Program**

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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 John Lubinski and Samuel Lee:

In accordance with 10 *Code of Federal Regulations* (CFR) 70.32(e), American Centrifuge Operating, LLC (ACO) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) a description of change to ACO's Security Plans/Program as Enclosure 1 of this letter.

Document/matter transmitted herewith contains ~~CUI//SP EXPT/SP SRI//NUC~~  
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When separated from Enclosures 2 and 3, this cover letter and Enclosure 1 are uncontrolled.

American Centrifuge Operating, LLC  
3930 U.S. Route 23 South – P.O. Box 628  
Piketon, OH 45661

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John Lubinski and Samuel Lee  
September 8, 2022  
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Additionally, in accordance with 10 CFR 95.19(b), ACO hereby submits to the NRC changed pages for the following security plans/program:

- SEC-18-0002, *American Centrifuge Operating, LLC (ACO) Information System Security Plan (ISSP) for Oak Ridge, TN; Piketon, OH; and Bethesda, MD*, as Enclosure 2 of this letter, and
- SP-3605-0043, *American Centrifuge Operating, LLC Classified Distributed Control System (DCS) Information System Security Plan (ISSP) for X-3001 & X-3012 in Piketon, Ohio*, as Enclosure 3 of this letter.

These changes have been reviewed in accordance with 10 CFR 70.32 and 10 CFR 95.19 and have been determined not to decrease the effectiveness of the security plans/program and are non-substantive changes.

Enclosures 2 and 3 contain Security-Related Information; therefore, ACO requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1). Additionally, Enclosures 2 and 3 have also been determined, in accordance with the guidance provided by the U.S. Department of Energy, to contain Export Controlled Information and must be protected from disclosure per the requirements of 10 CFR Part 810.

If you have any questions regarding this matter, please contact me at (740) 897-3859.

Sincerely,

  
Kelly L. Fitch  
Regulatory Manager

*Roy Fischels for*

Enclosures: As stated

cc (with enclosures, unless otherwise noted):  
S. Bazian, NRC, HQ  
Y. Faraz, NRC HQ (Enclosures)  
J. Hutson, NRC Contract Support (Enclosures)  
M. Mangefrida, HQ (Enclosures)  
G. Nalabandian, HQ (Enclosures)  
N. Pitoniak, NRC Region II  
L. Pitts, NRC Region II (Enclosures)  
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T. Vukovinsky, NRC Region II

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When separated from Enclosures 2 and 3, this cover letter and Enclosure 1 are uncontrolled.

**Enclosure 1 to ACO 22-0060**

**Description of Change to ACO's Security Plans/Program**

Information contained within  
does not contain  
Export Controlled Information

Reviewer:   #1038    
Date:   9/6/2022

**Enclosure 1 to ACO 22-0060**  
**Description of Changes to ACO's Security Plans/Program**

| FCE/PCE Numbers            | Rev.   | Description/Reason for the Change   | Approval Date | Change to SSC? | Documents Modified Due to Change   | ISA Summary Update Required? |
|----------------------------|--------|---|---------------|----------------|--|------------------------------|
| FCE 22-0046<br>PCE 22-0078 | 0<br>0 | <p><b>Title:</b> New Procedure ACO2-SP-002, Classified Matter Sanitization, and Supporting Document Change</p> <p><b>Description of Change:</b> New procedure ACO2-SP-002 was developed to combine and replace existing Piketon procedure ACD2-SP-047 and Oak Ridge procedure PLD1-SP-039 both of the same title. New form ACO-001, Administrative Declassification of Sanitized Information Storage Media, was created to replace Piketon form AC-720 and Oak Ridge form F-ACP-OR-795 both of the same title. Additionally, Non-substantive changes to SP-3605-0043, American Centrifuge Operating, LLC Classified Distributed Control System (DCS) Information System Security Plan (ISSP) for X-3001 &amp; X-3012 in Piketon, Ohio, Appendix A and SEC-18-0002, American Centrifuge Operating, LLC (ACO) Information System Security Plan (ISSP) for Oak Ridge, TN; Piketon, OH; and Bethesda, MD, Appendix A were required to update procedure number references in the implementation detail of the security controls.</p> <p><b>Reason for the Change:</b> Provide implementation requirements.</p> | 8/11/2022     | No             | ACO2-SP-002 Chg. 0<br>AC-720 Rev. 0<br>ACD2-SP-047 Chg. 3<br>F-ACP-OR-795 Rev. 0<br>PLD1-SP-039 Rev. 2<br>SP-3605-0043 Rev. 2,<br>Change Control Page;<br>Review and Approvals; and<br>Appendix A controls IR-8,<br>MA-1, MA-2, MA-3(3),<br>MA-4(3), MA-4(7), MP-1,<br>MP-4, MP-5, MP-6, PE-16,<br>PM-30, PM-32, SI-12(3),<br>and SR-12;<br>SEC-18-0002 Rev. 6,<br>Change Control Page;<br>Review and Approvals; and<br>Appendix A controls IR-8,<br>MA-1, MA-2, MA-3(3),<br>MA-4(3), MA-4(7), MP-1,<br>MP-4, MP-5, MP-6, PE-16,<br>PM-30, PM-32, SI-12(3),<br>and SR-12 | No                           |