



December 29, 2020  
ACO 20-0038

ATTN: Document Control Desk  
Ms. Sabrina D. Atack, Director  
Division of Security Operations  
Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

**American Centrifuge Plant; Docket Number 70-7004; License Number SNM-2011**

**Supplement to American Centrifuge Operating, LLC Security Plan License Amendment Request – EPID #L-2020-SPR-0009**

**INFORMATION TRANSMITTED HERewith IS PROTECTED FROM PUBLIC  
DISCLOSURE SAFEGUARDS INFORMATION PURSUANT TO 10 CFR 73.22  
AND  
INFORMATION TRANSMITTED HERewith IS PROTECTED FROM  
DISCLOSURE PURSUANT TO 10 CFR PART 810**

Dear Ms. Atack:

The purpose of this letter is to provide supplemental proposed changes to the U.S. Nuclear Regulatory Commission (NRC) for review and approval to address requests for additional information (RAIs) for American Centrifuge Operating, LLC's (ACO) SP-3605-0042, *Security Plan for the Physical Protection of Special Nuclear Material at the American Centrifuge Plant*.

On July 20, 2020, staff from the NRC and ACO held a conference call to discuss clarifications needed for ACO's submittal dated June 23, 2020 (Reference 1). On August 5, 2020 (Reference 2), ACO provided supplemental proposed changes to address these requested clarifications. Additional closed staff discussions were held in Oak Ridge on October 7, 2020 and via conference call on December 1, 2020.

On December 15, 2020 (Reference 3), the NRC issued formal requests for additional information (RAIs) for ACO's response. ACO's responses to the NRC's RAIs for SP-3605-0042 are being provided as Enclosure 1 of this letter. Enclosure 2 provides supplemental proposed changes to SP-3605-0042. Newly proposed changes from the previously submitted plan are noted with revision bars in the right-hand margin.

~~Document/matter transmitted contains Safeguards Information and Export Controlled Information~~  
**When separated from enclosures, this cover letter is uncontrolled.**

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Enclosures 1 and 2 contain Safeguards Information and ACO requests these enclosures be withheld from public disclosure and protected pursuant to 10 *Code of Federal Regulations* (CFR) 73.22. Additionally, Enclosure 2 has been determined, in accordance with the guidance provided by the DOE, 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. Wiehle-Fitch  
Regulatory Manager

Enclosures: As stated

References:

1. ACO 20-0021 from K.L. Wiehle to J. Lubinski (NRC) regarding License Amendment Request for American Centrifuge Operating, LLC's License Application and Supporting Documents for the American Centrifuge Plant, dated June 23, 2020
2. ACO 20-0029 from K.L. Wiehle to S. Atack (NRC) regarding Supplement to American Centrifuge Operating, LLC Security Plan License Amendment Request – EPID #L-2020-SPR-0009, dated August 5, 2020
3. NRC Letter from Y. Faraz to K.L. Wiehle (ACO) regarding Request for Additional Information Regarding Centrus Energy Corp. American Centrifuge Operating, LLC Physical Security Plan for the American Centrifuge Plant High Assay Low Enriched Uranium Program Amendment (Enterprise Project Identification Number: L-2020-SPR-0009), dated December 15, 2020

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cc (without enclosures, unless otherwise noted):

K. Everly, NRC HQ (Enclosures)  
Y. Faraz, NRC HQ  
S. Greene, NE-32  
S. Harlow, DOE  
J. Hutson, DOE  
M. McCune, NE-OR1, NE-ORSO  
N. Pitoniak, NRC Region II  
L. Pitts, NRC Region II (Enclosures)  
S. Rice, DOE  
R. K. Shears, DOE  
E. St. Clair, DOE  
C. Teal, NRC HQ  
R. Womack, NRC Region II  
T. Vukovinsky, NRC Region II