



January 14, 2021  
ACO 21-0002

ATTN: Document Control Desk  
Mr. John W. Lubinski, Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

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

**Supplemental Response to NRC Staff Comments for American Centrifuge Operating, LLC's Fundamental Nuclear Material Control Plan**

**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)**

**AND**

**INFORMATION TRANSMITTED HERewith IS PROTECTED FROM DISCLOSURE PURSUANT TO 10 CFR PART 810**

Dear Mr. Lubinski:

On November 6, 2020, staff from the U.S. Nuclear Regulatory Commission (NRC) and American Centrifuge Operating, LLC (ACO) held a conference call to discuss clarifications needed in relation to ACO's submittal dated October 15, 2020 (Reference 1). The purpose of this letter is to provide supplemental responses/proposed changes to the NRC's original request for additional information (RAIs) on ACO's NR-3605-0005, *Fundamental Nuclear Material Control Plan for the American Centrifuge Plant*, as Enclosure 1, and NR-3605-0005B, *Addendum 1 of the Fundamental Nuclear Material Control Plan for the American Centrifuge Plant - HALEU Demonstration*, as Enclosure 2 of this letter.

Enclosures 1 through 3 contain Proprietary Information and ACO requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(a)(4). An affidavit required by 10 CFR 2.390(b)(1)(ii) is provided as Enclosure 4 of this letter. Enclosures 1 through 3 contain Security-Related Information, and in accordance with the guidance provided by the U.S. Department of Energy (DOE), Enclosures 1 through 3 also contain Official Use Only information. Therefore, ACO requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1).

**Document/matter transmitted contains ~~Security-Related Information Withhold Under 10 CFR 2.390~~  
~~Export Controlled Information, Official Use Only, and Proprietary Information~~**

**When separated from enclosures, this cover letter is uncontrolled.**

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Enclosures 2 and 3 have 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

Reference:

1. ACO 20-0035 from K. 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 May 7, 2020

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cc (without enclosures, unless otherwise noted):

S. Ani, NRC HQ (Enclosures)  
Y. Faraz, NRC HQ (Enclosures)  
S. Greene, NE-32, NE  
S. Harlow, DOE NE  
J. Hutson, (CONTR), DOE NE  
M. McCune, DOE NE  
T. Pham, NRC HQ  
N. Pitoniak, NRC Region II  
L. Pitts, NRC Region II (Enclosures)  
K. Shears, DOE  
E. St. Clair, (CONTR), DOE NE  
R. Womack, NRC Region II  
T. Vukovsky, NRC Region II