



December 22, 2020
ACO 20-0043

ATTN: Document Control Desk
Ms. Sabrina D. Attack, 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

License Amendment Request for American Centrifuge Operating, LLC's Security 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 Ms. Attack:

The purpose of this letter is to submit a license amendment request to the U.S. Nuclear Regulatory Commission (NRC) for review and approval to support operation American Centrifuge Operating, LLC's (ACO) Distributed Control System in Piketon, Ohio.

Enclosure 1 provides a detailed description, justification, and ACO's significance determination for the proposed new security plan SP-3605-0043, *Classified Distributed Control System (DCS) Information System Security Plan (ISSP) for X-3001 & X-3012 Buildings in Piketon, Ohio*. Enclosure 2 provides the newly developed SP-3605-0043.

The new proposed information system security plan was determined not to decrease the effectiveness of the Security Programs/Plans in accordance with 10 *Code of Federal Regulations* (CFR) 70.32; however, SP-3605-0043 was determined to be a substantive change in accordance with 10 CFR 95.19 and requires NRC's prior review, approval, and accreditation.

Enclosures 1 and 2 contain Security-Related Information and, in accordance with the guidance provided by the DOE, contain Official Use Only information. Therefore, ACO requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1). 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.

**Document/matter transmitted contains ~~Security Related Information Withhold Under 10 CFR 2.390~~
~~Official Use Only and Export Controlled Information~~**
When separated from enclosures, this cover letter is uncontrolled.

Ms. Sabrina D. Attack
December 22, 2020
ACO 20-0043, Page 2

After the NRC staff has had an opportunity to review the enclosures, ACO is available to support a discussion with the NRC to address questions or clarify issues.

ACO respectfully requests NRC complete their review and Authorization To Operate the information system security plan as defined in SP-3605-0043 for the processing up to and including Secret-Restricted Data on or before March 30, 2021 to support the ongoing schedule for the DOE's HALEU Demonstration Program.

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

cc (without enclosures, unless otherwise noted):

K. Everly, NRC HQ (Enclosures)
Y. Faraz, NRC HQ (Enclosures)
S. Greene, NE-32, NE (Enclosures)
S. Harlow, DOE HQ
J. Hutson, DOE ORO (Enclosures)
M. McCune, NE-OR1, NE-ORSO
N. Pitoniak, NRC Region II (Enclosures)
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