



October 27, 2021
ACO 21-0057

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

American Centrifuge Operating, LLC's Request for Authority To Test

**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)
AND
INFORMATION TRANSMITTED HEREWITH IS PROTECTED FROM
DISCLOSURE PURSUANT TO 10 CFR PART 810**

Dear Ms. Atack:

The purpose of this letter is to submit a request for an authority to test 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 SP-3605-0052, *Request for Authority To Test (ATT) for Classified Programs*, as Enclosure 2. In conjunction with this new document, Enclosure 3 provides a new security agreement, SP-3605-0053.

The new proposed documents were determined not to decrease the effectiveness of the Security Programs/Plans in accordance with 10 *Code of Federal Regulations* (CFR) 70.32; however, SP-3605-0052 and SP-3605-0053 were determined to be a substantive change in accordance with 10 CFR 95.19 and requires NRC's prior review and approval to support ongoing operability testing.

Enclosures 1, 2, and 3 contain Security-Related Information and, in accordance with the guidance provided by the U.S. Department of Energy (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 3 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 enclosure, this cover letter is uncontrolled.

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

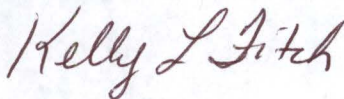
NSIRO8
NSIR
NM55

Ms. Sabrina D. Atack
October 27, 2021
ACO 21-0057, Page 2

ACO is available to support a discussion with the NRC staff to address questions or clarify issues. ACO respectfully requests NRC complete their review and issue an ATT for the processing up to and including Secret-Restricted Data on or before November 10, 2021 to support the ongoing schedule for the DOE's High Assay Low Enriched Uranium Demonstration Program.

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

Sincerely,



Kelly L. Fitch
Regulatory Manager

Enclosures: As stated

cc (without enclosures, unless otherwise noted):

K. Everly, NRC HQ (Enclosures)
Y. Faraz, NRC HQ (Enclosures)
S. Harlow, DOE-NE
J. Hutson, Contractor (Enclosures)
M. Mangefrida, NRC HQ (Enclosures)
N. Pitoniak, NRC Region II (Enclosures)
L. Pitts, NRC Region II (Enclosures)
K. Shears, DOE-NE
E. St. Clair, DOE-NE Contractor
J. Tobin, NRC HQ (Enclosures)
R. Womack, NRC Region II (Enclosures)
T. Vukovinsky, NRC Region II (Enclosures)