



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 18, 2025

Matthew Snider, General Manager
American Centrifuge Operating, LLC
P.O. Box 628
Mail Stop 7560
3930 U.S. 23 South
Piketon, OH 45661

SUBJECT: AUTHORIZATION FOR AMERICAN CENTRIFUGE OPERATING, LLC TO
CONTINUE PRODUCING HIGH-ASSAY LOW-ENRICHED URANIUM AT THE
AMERICAN CENTRIFUGE PLANT IN PIKETON, OHIO

Dear Matthew Snider:

This letter confirms the Nuclear Regulatory Commission's (NRC's) authorization for American Centrifuge Operating, LLC (ACO) to possess high-assay low-enriched uranium (HALEU) up to the current approved limits described in ACO's license for the American Centrifuge Plant, SNM-2011, and beyond the limits in Amendment 13 to SNM-2011 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML21138A826) issued on June 11, 2021.

On September 20, 2024, as part of Amendment 24 to SNM-2011 (ML24068A189), ACO's HALEU possession limits were increased, subject to new License Condition 30, which states:

ACO shall establish and maintain a Vehicle Barrier System in accordance with Section 3.7 of SP-3605-0042. Additionally, ACO shall not produce more than the authorized possession limits beyond those approved on June 11, 2021, until such time that the additional physical security measures have been installed and NRC has confirmed they meet the new commitments described within Section 3.7 of SP-3605-0042. Upon a successful NRC validation, ACO will be authorized to continue production efforts up to the authorized possession limits described in SNM-2011.

On December 11, 2024, the NRC issued Amendment 26 to SNM-2011 (ML24324A356) in which it approved ACO's commitments and descriptions for a vehicle barrier system (VBS) and an additional fissile material storage area (FMSA). The purpose of the additional FMSA is to store HALEU product.

On May 13–14, 2025, the NRC walked down ACO's newly installed VBS and FMSA and confirmed in an inspection report issued on June 11, 2025 (ML25162A058 and ML25162A049, non-public), that ACO has met the commitments described in ACO's SP-3605-0042 "Security Plan for the Physical Protection of Special Nuclear Material at the American Centrifuge Plant." Therefore, the NRC authorizes ACO to possess HALEU above the amount approved on June 11, 2021, up to the current approved limits in SNM-2011.

In accordance with 10 CFR Part 2, "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room (PDR) or from the Publicly Available Records component of the NRC's ADAMS. ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. The PDR is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

If you have any questions regarding this matter, please contact Yawar Faraz by telephone at 301-415-7220, or via email at Yawar.Faraz@nrc.gov.

Sincerely,



Roman, Cinthya signing on behalf
of Helton, Shana
on 06/18/25

Shana Helton, Director
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No.: 07007004
License No.: SNM-2011

cc: K. Fitch, Regulatory Manager, ACO
M. Reim, DOE NE-HQ
J. Hutson, NRC Contractor
S. Rice, NRC Contractor
centrus_acp@listmgr.nrc.gov

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ADAMS Accession No.: ML25167A317

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