



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

April 11, 2024

Kelly L. Fitch, Regulatory Manager
American Centrifuge Operating, LLC
P.O. Box 628
Mail Stop 7560
3930 U.S. 23 South
Piketon, OH 45661

**SUBJECT: APPROVAL OF AMERICAN CENTRIFUGE OPERATING'S LICENSE
AMENDMENT REQUEST TO REVISE ITS INFORMATION SYSTEM
SECURITY PLAN (ENTERPRISE PROJECT IDENTIFIER L-2023-LLA-0147)**

Dear Kelly L. Fitch:

By letter dated October 19, 2023 (Agencywide Documents Access and Management System [ADAMS] Accession No. [ML23296A040](#)), American Centrifuge Operating, LLC (ACO), a wholly owned subsidiary of Centrus Energy Corp., requested review and approval of proposed changes to the ACO national security systems described in (1) SEC-18-0002 "American Centrifuge Operating, LLC (ACO) Information System Security Plan (ISSP) for Oak Ridge, TN, Piketon, OH, and Bethesda, MD," and (2) SP-3605-0043 "American Centrifuge Operating, LLC Classified Distributed Control System (DCS) Information System Security Plan (ISSP) in Piketon, OH."

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the October 19, 2023, request. The details associated with the review are documented in the enclosed non-public safeguards evaluation report. As part of this licensing action, License Conditions (LC) 10.t and 10.z have been modified to incorporate, in the enclosed license, the application submitted on October 19, 2023. With this license amendment, the NRC is also deleting LC 29 which is no longer applicable as the Category II physical security and material control and accountability operational readiness reviews by the NRC for the high-assay low-enriched uranium program have been completed and ACO has demonstrated adequate compliance with NRC requirements for possessing Category II special nuclear material ([ML23261A587](#)).

In accordance with Title 10 of the *Code of Federal Regulations*, Part 2 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and enclosure 3 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. The PDR is open by appointment only. You may submit your request to the PDR via email at PDR.Resource@nrc.gov or call 1-800-397-4209 between 8:00 a.m. and 4:00 p.m. (EST), Monday through Friday, except Federal holidays.

Enclosures 1 and 2 transmitted herewith contain sensitive security related information. When separated from the sensitive conditions in the enclosures, this document and enclosure 3 are decontrolled.

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The ADAMS database is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). Enclosures 1 and 2 to this letter contain sensitive, unclassified information, and are therefore deemed Official Use Only – Security- Related Information. Therefore, they will not be placed in the PDR, nor will they be publicly available in ADAMS.

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

Sincerely,



Signed by Lav, Samantha
on 04/11/24

Samantha Lav, Chief
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 07007004
License No. SNM-2011

Enclosures:

1. SER (OUO-SRI)
2. Amendment 23 of the ACP License
SNM-2011 (OUO-SRI)
3. Amendment 23 of the ACP License
SNM-2011 (Public)

cc: M. Snider, General Manager, ACO
M. Reim, DOE NE-HQ
centrus_acp@listmgr.nrc.gov

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DOCUMENT DATE: April 11, 2024

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ML24018A056(Encl 2, non-public), ML24018A057(Encl 3, public)**

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