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

July 03, 2023

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

SUBJECT: APPROVAL OF AMERICAN CENTRIFUGE OPERATING'S LICENSE  
AMENDMENT REQUEST TO REVISE ITS SECURITY PLANS (ENTERPRISE  
PROJECT IDENTIFIER L-2022-SPR-0005)

Dear Kelly Fitch:

By letter dated April 7, 2022 (Agencywide Documents Access and Management System Accession No. ML22102A139), American Centrifuge Operating (ACO), a wholly owned subsidiary of Centrus Energy Corp. (Centrus) requested review and approval for the proposed changes to the ACO's revisions to three Standard Practice and Procedures Plans (SPPPs) for the protection of classified matter at the facilities located in Piketon, Ohio; Bethesda, Maryland; and Oak Ridge, Tennessee; and to the ACO's revisions to the physical security plan (PSP) for the American Centrifuge Plant (ACP) in Piketon, Ohio. By letter dated April 13, 2023 (ML23108A062), ACO supplemented the three SPPPs.

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the April 7, 2022, request, and its April 13, 2023, supplement. The details associated with the review are documented in the enclosed non-public safeguards evaluation report.

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](mailto: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. ADAMS 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.

Enclosures 1 and 2 transmitted herewith contain sensitive non-public information. When separated from the sensitive conditions in the enclosures, this document and enclosure 3 is decontrolled.

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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](mailto:Yawar.Faraz@nrc.gov).

Sincerely,



Signed by Lav, Samantha  
on 07/03/23

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. Safety Evaluation Report (OUO-SRI)
2. Amendment 21 of the ACP License SNM-2011 (OUO-SRI)
3. Amendment 21 of the ACP License SNM-2011 (Public)

cc: L. Cutlip, Sr. Vice President, Centrus  
M. Snider, General Manager, ACO  
S. Harlow, DOE NE-HQ  
R. Fischels, ACO  
[centrus\\_acp@listmgr.nrc.gov](mailto:centrus_acp@listmgr.nrc.gov) (w/o Enclosures 1 and 2)

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