



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

October 12, 2021

Ms. 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 DISTRIBUTED CONTROL SYSTEM INFORMATION SYSTEM SECURITY PLAN FOR THE PROTECTION OF CLASSIFIED MATTER (EPID L-2021-LLA-0002)

Dear Ms. Fitch:

By letter dated December 22, 2020 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML21036A188), American Centrifuge Operating (ACO), a wholly owned subsidiary of Centrus Energy Corp. (Centrus), requested that the U.S. Nuclear Regulatory Commission (NRC) amend License No. SNM-2011 for the American Centrifuge Plant (ACP), by incorporating in it SP-3605-0043 Distributed Control System (DCS) Information System Security Plan (ISSP). The purpose of the DCS ISSP is to ensure that processing classified centrifuge operational data, up to and including Secret Restricted Data (S-RD), on the DCS is completed securely. The original application was later updated by letters dated April 30, 2021 (ADAMS Accession No. ML21131A099), June 22, 2021 (ADAMS Accession No. ML21189A164), August 17, 2021 (ADAMS Accession No. ML21232A029) and September 3, 2021 (ADAMS Accession No. ML21252A051).

The NRC staff has completed its review of the DCS ISSP and has found it to be acceptable for the reasons set forth in the enclosed non-public security evaluation report (SER). In response to this application, NRC has added condition 10.z to license SNM-2011 related to adherence to the Classified Distributed Control System Information System Security Plan. The details associated with the review are documented in the SER.

In accordance with Title 10 of the *Code of Federal Regulations*, Section 2.390 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, or from the Publicly Available Records component of the NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading

Documents transmitted herewith contain security-related information. When separated from the sensitive conditions in Enclosures 1, and 2, this letter and Enclosure 3 are decontrolled.

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Room). Enclosures 1 and 2 to this letter contain sensitive, unclassified information, and are therefore deemed official use only (OUO). Therefore, they will not be placed in the Public Document Room, nor will they be publicly available in ADAMS.

If you have any questions regarding this action, please contact Mr. Yawar Faraz by telephone at 301-415-7220, or via e-mail at [Yawar.Faraz@nrc.gov](mailto:Yawar.Faraz@nrc.gov).

Sincerely,

Jacob I. Zimmerman, 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)
2. Amendment 14 of the ACP License (OUO)
3. Amendment 14 of the ACP License (Public)

cc: L. Cutlip, Vice President, Centrus  
S. Harlow, DOE NE-HQ  
J. Hutson, Contractor  
Q. Nguyen, DOE SC  
[centrus\\_acp@listmgr.nrc.gov](mailto:centrus_acp@listmgr.nrc.gov)

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SUBJECT: APPROVAL OF AMERICAN CENTRIFUGE OPERATING'S DISTRIBUTED CONTROL SYSTEM INFORMATION SYSTEM SECURITY PLAN FOR THE PROTECTION OF CLASSIFIED MATTER (EPID L-2021-LLA-0002)

DATED: October 12, 2021

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ADAMS Accession Nos.: **ML21245A506 (Pkg), ML21245A507 (Letter)**  
**ML21245A508 (Non-Public Encl.)** **\*via e-mail**

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