



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

August 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: ACCEPTANCE FOR DETAILED REVIEW OF AMERICAN CENTRIFUGE OPERATING'S LICENSE AMENDMENT APPLICATION FOR ITS HIGH ASSAY LOW ENRICHED URANIUM DEMONSTRATION PROGRAM DIGITALLY BASED ITEMS RELIED ON FOR SAFETY (ENTERPRISE PROJECT IDENTIFICATION NUMBER: L-2021-LLA-0125)

Dear Ms. Fitch:

By letter dated June 30, 2021 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML21196A038), American Centrifuge Operating, LLC (ACO), a wholly owned subsidiary of Centrus Energy Corp. (Centrus), provided the U.S. Nuclear Regulatory Commission (NRC) a request to amend its materials license for the American Centrifuge Plant (ACP) in Piketon Ohio by incorporating the use of digitally based items relied on for safety for its High Assay Low Enriched Uranium Demonstration program.

We have completed our acceptance review of your submittal and have identified no administrative omissions or deficiencies. Your submittal has been assigned Enterprise Project Identification Number (EPID) L-2021-LLA-0125. Please reference this EPID number and Docket Number 07007004 in any future correspondence associated with this request. Please note that the NRC staff's detailed technical review of your submittal may identify omissions in the submittal information or technical issues which require additional information.

Based on our acceptance review and projection of current review schedules, we anticipate that we will complete the technical review of your submittal by November 1, 2021. In addition, the NRC staff estimates that completing the review of the submittal will require approximately 360 staff hours. The total cost of the review corresponds to \$100,440 (\$279.00/hour).

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 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. The ADAMS database is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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

Sincerely,

A handwritten signature in black ink that reads "Yawar Faraz". The signature is written in a cursive style with a large, prominent 'Y' and 'F'.

Yawar H. Faraz, Senior Project Manager
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7004
License No. SNM-2011

cc: centrus_acp@listmgr.nrc.gov

L. Cutlip, Vice President, Centrus
S. Harlow, DOE NE-HQ
J. Hutson, DOE NE-ORSO Contract Support

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DATED August 12, 2021

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***via e-mail**

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