



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

August 7, 2018

Mr. Steven A. Toelle
Director, Regulatory Affairs
Centrus Energy Corp.
6901 Rockledge Drive, Suite 800
Bethesda, MD 20817-1867

SUBJECT: APPROVAL OF DECOMMISSIONING PLAN FOR THE AMERICAN
CENTRIFUGE LEAD CASCADE FACILITY (ENTERPRISE PROJECT
IDENTIFIERS L-2018-DDP-0000 AND L-2017-DDP-0010)

Dear Mr. Toelle:

In your letter dated January 5, 2018 (ACO 18-0001) (Agencywide Documents Access and Management System [ADAMS] Accession Number ML18025B285), you requested the U.S. Nuclear Regulatory Commission (NRC) to approve the updated Decommissioning Plan (DP), including the decommissioning cost estimate, for the American Centrifuge Lead Cascade Facility. By letter dated February 14, 2018, (ADAMS Accession Number ML18046A081) you clarified that the NRC's approval of the DP will involve an amendment to NRC Special Nuclear Material (SNM) License SNM-7003. By letter dated February 21, 2018, the NRC informed you of its acceptance for detailed technical review of your updated DP license amendment application.

The NRC staff has completed its review and has determined that the updated DP provides reasonable assurance that the facility can be decommissioned safely as required by Title 10 of the *Code of Federal Regulations* (10 CFR) Parts 70, "Domestic Licensing of Special Nuclear Material," and 20, "Standards for Protection Against Radiation." Accordingly, SNM-7003 is hereby amended.

Enclosure 1 to this letter provides the NRC staff's Safety Evaluation Report (SER) documenting the review of the DP. Enclosures 2 and 3 provide the complete (non-public) and redacted (public) versions, respectively, of Amendment 15 of SNM-7003. Accordingly, Conditions 10.e and 10.f for the updated decommissioning cost estimate were revised to include the date of January 5, 2018, and a new Condition 10.o was added to incorporate the DP dated January 5, 2018, in SNM-7003. All other conditions of SNM-7003 remain the same.

This letter, the enclosed SER and the amended license concludes this licensing action and completes the efforts under Enterprise Project Identifiers L-2018-DDP-0000 and L-2017-DDP-0010.

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In accordance with 10 CFR 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 NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions regarding this matter, please contact Mr. Yawar Faraz at (301) 415-7220, or via e-mail at Yawar.Faraz@nrc.gov.

Sincerely,

\RA\

Craig G. Erlanger, Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 07007003
License No. SNM-7003

Enclosures:

1. Safety Evaluation Report
2. Amendment 15 - LCF License
3. Amendment 15 - LCF License
(Redacted)

cc: Mr. R. DeVault, DOE
Mr. L. Cutlip, Centrus

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DATED: AUGUST 7, 2018

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