



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

September 23, 2019

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

SUBJECT: APPROVAL OF CENTRUS ENERGY CORP. FINAL STATUS SURVEY
REPORT AND REQUEST TO CANCEL ITS DECOMMISSIONING FUNDING
INSTRUMENT FOR THE AMERICAN CENTRIFUGE LEAD CASCADE
FACILITY: (EPID NO. L-2019-DF1-0002)

Dear Ms. Wiehle:

By letter dated June 18, 2019 (Agencywide Document Access and Management System [ADAMS] Accession No. ML19172A105) Centrus Energy Corp. (Centrus) requested the U.S. Nuclear Regulatory Commission (NRC) to complete its review and approve Centrus' Final Status Survey Report (FSSR) dated April 19, 2018 (ADAMS Accession No. ML18145A127), for the American Centrifuge Lead Cascade Facility (LCF). The FSSR documented the results of the radiological surveys Centrus had conducted after completing its decommissioning activities associated with the LCF. As part of this licensing action, the NRC staff also relied on information contained in Centrus' LCF Decommissioning Plan (DP) dated January 5, 2018 (ADAMS Accession No. ML18025B285), which the NRC had approved on August 7, 2018 (ADAMS Accession No. ML18192B590).

In the June 18, 2019, letter, Centrus also requested NRC to cancel the financial assurance instruments associated with the LCF decommissioning program submitted to NRC by letter dated April 15, 2013 (ADAMS Accession No. ML131140304). Since Centrus wishes to retain the LCF license for programmatic purposes only, it has proposed that the following condition be added to its LCF license SNM-7003 "No licensed material shall be received into the Lead Cascade without prior NRC approval."

The NRC staff has completed its review of the FSSR and has determined, based on (1) its review of the information provided in the FSSR and the DP, (2) its independent confirmatory survey conducted by the Oak Ridge Institute of Science and Engineering, and (3) the license condition provided above, that it has reasonable assurance Centrus has appropriately decommissioned the LCF in accordance with the requirements of Title 10 of The *Code of Federal Regulations*, (10 CFR) Part 20, "Standards for Protection Against Radiation."

Enclosure 3 transmitted herewith contains Security-Related Information. When separated from the sensitive conditions in Enclosure 3, this document and Enclosures 1 and 2 are decontrolled.

K. Wiehle

2

This determination provides the basis for the NRC to cancel Centrus' decommissioning financial assurance instruments for the LCF. Enclosure 1 to this letter provides the NRC staff's Safety Evaluation Report documenting the review of Centrus' submittals. Enclosures 2 and 3 provide redacted and complete versions of Amendment No. 16 of the LCF's license, which is effective immediately.

This completes our efforts on Enterprise Project Identifier L-2019-DF1-0002. In accordance with 10 CFR 2.390 "Public inspections, exemptions, requests for withholding," 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. The ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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.

Sincerely,

/RA/

Kathryn M. Brock, Acting Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 07007003
License No. SNM-7003

cc: L. Cutlip, Vice President, Centrus
R. DeVault, DOE NE-ORSO

Enclosures:

1. Safety Evaluation Report
2. Amendment 16 of the LCF License (Redacted)
3. Amendment 16 of the LCF License

Enclosure 3 transmitted herewith contains Security-Related Information. When separated from the sensitive conditions in Enclosure 3, this document and Enclosures 1 and 2 are decontrolled.

K. Wiehle

3

SUBJECT: APPROVAL OF CENTRUS ENERGY CORP. FINAL STATUS SURVEY
REPORT AND REQUEST TO CANCEL ITS DECOMMISSIONING FUNDING
INSTRUMENT FOR THE AMERICAN CENTRIFUGE LEAD CASCADE
FACILITY: (EPID NO. L-2019-DF1-0002)

DATED: September, 23, 2019

DISTRIBUTION: FCSE r/f KEverly, NSIR LPitts, RII
DParsons, NSIR MLearn, RIII MKunowski, RIII JSmith, NMSS
DTiktinsky, NMSS LClark, OGC DPretzello, NMSS KBrock, NMSS
ASchwartzman, NMSS KKline, NMSS

ADAMS AccessionNos.: ML19228A087 (P), ML19228A096 (L) *via email

OFFICE	FCSE/LOB	FCSE	DUWP	DUWP
NAME	YFaraz	BAbeywickrama*	ASchwartzman*	BvonTill*
DATE	08/15/19	08/19/19	08/21/19	08/21/19
OFFICE	OGC	FCSE/LOB	FCSE	
NAME	LClark*	MKotzalas	KBrock	
DATE	09/10/19	09/10/19	09/23/19	

OFFICIAL RECORD COPY

Enclosure 3 transmitted herewith contains Security-Related Information. When separated from the sensitive conditions in Enclosure 3, this document and Enclosures 1 and 2 are decontrolled.