

May 10, 2016

MEMORANDUM TO: Thomas A. Grice, Acting Deputy Director  
Division of Fuel Cycle Safety, Safeguards  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

THRU: Matthew Bartlett, Acting Chief /RA/  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

FROM: Osiris Siurano, Project Manager /RA/  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: APRIL 13, 2016, DROP-IN VISIT/MEETING SUMMARY:  
PRELIMINARY DISCUSSION OF AMERICAN CENTRIFUGE  
LEAD CASCADE DECOMMISSIONING AND LICENSE  
TERMINATION

On April 13, 2016, Centrus Energy Corp. (Centrus) representatives visited the U.S. Nuclear Regulatory Commission to preliminarily discuss their plans for decommissioning the American Centrifuge Lead Cascade Facility and terminate the American Centrifuge Operating, LLC's materials license for the facility.

CONTACT: Osiris Siurano, NMSS/FCSE  
(301) 415-7827

T. Grice

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Enclosed is the meeting summary (Enclosure 1), attendees list (Enclosure 2), and the Centrus' presentation (Enclosure 3) for your consideration. A Centrus representative has reviewed this summary for factual correctness.

Docket No.: 07007003

License No.: SNM-7003

Enclosures:

1. Meeting Summary
2. Attendees List
3. Centrus Power Point Presentation

cc: S. Toelle, Centrus Energy Corp.

T. Grice

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cc: S. Toelle, Centrus Energy Corp.

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TVukovinsky, RII			

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OFC	FCSE/ERB	FCSE/ERB	FCSE/ERB	FCSE/ERB
NAME	OSiurano	AWalker-Smith	MBartlett for TGrice	OSiurano
DATE	05/10/16	05/10/16	05/10/16	05/10/16

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**Drop-In Meeting Summary**  
**Preliminary Discussion of Lead Cascade Decommissioning and License Termination**

**DATE AND TIME:** April 13, 2016, 9:30 A.M.

**PLACE:** U. S. Nuclear Regulatory Commission, Headquarters  
3 White Flint North  
11601 Landsdown Street  
North Bethesda, MD 20852

**Purpose:**

On April 13, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff met with representatives from Centrus Energy Corp. (Centrus) to preliminarily discuss Centrus' plans for decommissioning the American Centrifuge Lead Cascade Facility (LCF) and terminate the American Centrifuge Operating, LLC's, NRC materials license for the facility.

**Discussion:**

The meeting was kicked off at 9:30 A.M. with introductory remarks by the NRC staff. Following introduction of the attendees, Mr. Steve Toelle introduced Centrus' presentation, which was led by Mr. Mario Robles with support from the other Centrus representatives in attendance. During their presentation, the Centrus' representatives provided an overview of the LCF's history and the status of current activities at the site. Following this discussion, the Centrus representatives discussed their plans for decommissioning the LCF, including the facility's management reorganization to move forward with the decommissioning, coordination with the U.S. Department of Energy (DOE), scope of decommissioning activities, disposal of classified and unclassified matter and nuclear material removal, timeline for decommissioning the facility and terminate its NRC license, and conduct of final radiation surveys for final release of the site in accordance with the lease with DOE.

Centrus representatives also discussed possible issues and challenges that may show up during the decommissioning of the LCF, which include issues regarding nuclear material control and accounting, fee re-categorization (i.e., from enrichment demonstration to limited operations), submittal of the decommissioning plan for NRC review and approval, and possible issues with materials used at the LCF but controlled under the NRC license for the American Centrifuge Plant (e.g., calibration sources).

Centrus representatives also discussed their next steps for moving forward with decommissioning the LCF and terminating its NRC license. This includes DOE's approval of Centrus' plans for dispositioning of DOE owned equipment, submittal of the decommissioning plan for the NRC staff review and approval, and coordination with NRC Region II and headquarters staff, as well as with DOE staff.

During the meeting, the NRC staff had the opportunity to ask questions during and after Centrus representatives' presentation. The parties agreed to continue with these discussions in the near future to ensure the decommissioning process is conducted in accordance with all regulatory requirements while ensuring public health and safety and sensitive matter are protected.

Action Items:

For Centrus:

- Receive DOE approval for disposition of DOE property
  - Submit a decommissioning plan for the LCF for NRC review and approval which, according to Centrus' plans, should be submitted during the second quarter of 2016.

For NRC staff:

- Review and approve Centrus' decommissioning plan
  - This could be challenging since the NRC staff will have to expedite this review so the LCF could be decommissioned in a timely manner and in accordance with the NRC regulations.

**Attendees List**

**Meeting Between U.S. Nuclear Regulatory Commission  
and Centrus Energy Corp.**

**April 13, 2016**

**NRC**

J.K. Everly, NSIR  
T. Grice, NMSS  
S. Helton, NMSS  
J. Hull, OGC  
K. Kline, NMSS  
C. McKenney, NMSS  
M. Norato, NMSS  
D. Parsons, NSIR  
L. Pitts, RII  
O. Siurano, NMSS  
N. StAmour, OGC  
M. Sykes, RII

**DOE (by phone)**

A. Beldio  
R. Devault  
J. Hutson  
M. McCune  
K. Schroeder  
P. Staples  
K. Walling

**Centrus**

K. Coriell  
J. Corrado  
G. Corzine  
L. Cutlip  
D. Fosson  
R. Halverson  
R. Foster  
R. Jacobs  
G. Jones Jr.  
M. Keef  
S. McDermott  
S. Penrod  
M. Robles  
J. Thompson  
S. Toelle  
A. Wright