

July 15, 2016

MEMORANDUM TO: Brian W. Smith, Acting Deputy Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

THRU: Thomas A. Grice, Chief **/RA M Semmes for/**
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: JUNE 16, 2016, DROP-IN VISIT/MEETING SUMMARY:
LEAD CASCADE DECOMMISSIONING PLAN PRE-SUBMITTAL
MEETING

On June 16, 2016, Centrus Energy Corp. (Centrus) and American Centrifuge Operating, LLC (ACO) representatives visited the U.S. Nuclear Regulatory Commission to continue discussions on their plans for decommissioning the American Centrifuge Lead Cascade Facility and terminating the ACO's materials license for the facility.

Enclosed is the meeting summary (Enclosure 1), attendees list (Enclosure 2), Centrus' presentation (Enclosure 3), and a redacted version of Centrus' presentation (Enclosure 4 – for public disclosure) for your consideration. Enclosure 3 contains Proprietary information and,

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B. Smith

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as such, is not publically available. 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
(Proprietary Information – Non Public)
4. Centrus Power Point Presentation
(Redacted version – for public disclosure)

cc: S. Toelle, Centrus Energy Corp.
M. Robles, Centrus Energy Corp.

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cc: S. Toelle, Centrus Energy Corp.
M. Robles, Centrus Energy Corp.

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DATE	07/14/16	07/14/16	07/15/16	07/15/16

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

DATE AND TIME: June 16, 2016, 2:00 p.m.

PLACE: U. S. Nuclear Regulatory Commission, Headquarters
Two White Flint North
11555 Rockville Pike
North Bethesda, MD 20852

Purpose:

On June 16, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff met with representatives from Centrus Energy Corp. (Centrus) and American Centrifuge Operating, LLC (ACO, licensee for the American Centrifuge Lead Cascade Facility) to continue discussions regarding Centrus' and ACO's plans for decommissioning the Lead Cascade Facility (LCF) and terminating the ACO's NRC materials license for the facility.

Discussion:

The meeting was kicked off at 2:00 p.m. with introductory remarks by the NRC staff. Following introduction of the attendees, Mr. Mario Robles, Project Support Manager, ACO, proceeded with his presentation, supported by the other Centrus and ACO representatives in attendance. At the beginning of the meeting, the NRC decommissioning staff informed the Centrus and ACO representatives that the Commission Policy on public meeting applies to pre-application meetings where decommissioning strategy and technical topics are discussed. Discussions involving non-public information at such meetings would be identified on the agenda as discussions closed to members of the public. In addition, technical staff from the NRC's decommissioning area would normally attend such meetings to give their impressions on whether a licensee's technical approach appears to be reasonable with regard to addressing the regulations. Therefore, the NRC staff stated that it would not be able to provide its impressions on Centrus' technical approach at the June 16, 2016, meeting, but that it would be able to have such discussion at a future meeting upon Centrus' request.

During their presentation, Mr. Robles discussed the current status of shutdown activities at the site. During his presentation, Mr. Robles stated that Centrus and ACO expect their decommissioning schedule to be finalized by mid-July 2016. Mr. Robles stated that Centrus' and ACO's goal is to terminate the license by the first quarter of 2017 because of the timeliness rule. Mr. Robles discussed the Centrus' and ACO's approach for decommissioning the LCF. Mr. Robles indicated that the following documentation will be submitted to the NRC for review and approval: (1) a decommissioning plan; (2) a plan for disposing of classified and contaminated wastes (including equipment disposition); and (3) revisions to the transportation plan. Mr. Robles also discussed their plans for developing acceptable contamination levels for releasing the facility, and the conduct of the final surveys. Mr. Robles completed his presentation by discussing Centrus' and ACO's next steps for decommissioning the facility and indicated a potential need to have additional decommissioning plan pre-submittal meetings.

Following Mr. Robles' presentation, a questions and answers session was held. The NRC staff understood that Centrus and ACO plan to submit parts of the LCF's Decommissioning Plan (DP) at different times. The NRC staff stated that the expectation is that Centrus and ACO submit a complete DP and partial submittals are not normally accepted. The NRC staff indicated that it would expect a licensee to provide justification for the need for partial submittals of the DP and discuss its proposed approach with NRC management for its consideration before any DP submittals are made. The NRC staff also commented that the NRC expects the DP to be a stand-alone document and that Centrus' and ACO's approach to only reference back to portions of its original application for certain topics may not be acceptable. With regard to Centrus' and ACO's plan to submit a draft Equipment Disposition Plan to the NRC, the NRC informed the Centrus and ACO representatives that the NRC does not accept draft submittals and it may be an issue that needs further discussion with regard to how Centrus and ACO plan to tie it to the DP and the Decommissioning Funding Plan. The NRC staff noted that the Memorandum of Understanding (MOU) between NRC and the U.S. Department of Energy (DOE) scope does not appear to include decommissioning and, rather, its focuses on security during operations. The applicability this MOU to decommissioning and Centrus' and ACO's expectations with regard to NRC's actions with DOE for the review of the DP may need to be discussed further. Finally, the NRC staff noted, as it did during the April 16, 2016, meeting with Centrus on decommissioning, that the LCF's decommissioning schedule goal appears to be aggressive. Further discussion with Centrus and ACO to understand the schedule may be needed.

The meeting was adjourned at 4:00 p.m.

Action Items:

No action items resulted from this meeting.

Attendees List

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

June 16, 2016

NRC

J.K. Everly, NSIR
Y. Faraz, NMSS
T. Grice, NMSS
J. Hull, OGC
K. Kline, NMSS
D. Parsons, NSIR
L. Pitts, RII
O. Siurano, NMSS
B. Smith, NMSS
A. Snyder, NMSS
N. St. Amour, OGC

DOE (by phone)

A. Beldio
R. Devault
J. Hutson
M. McCune
S. Rice

Centrus

J. Bednarczyk (phone)
J. Blakeman (phone)
J. Corrado
D. Godfrey (phone)
R. Halverson (phone)
J. Hopkins (phone)
R. Jacobs (phone)
M. Keef
B. Kissinger (phone)
S. McDermott (phone)
S. Penrod (phone)
M. Robles
J. Thompson
G. Wayland (phone)
K. Wiehle (phone)
A. Wright (phone)