



April 19, 2018
ACO 18-0015

ATTN: Document Control Desk
Mr. Jacob I. Zimmerman, Chief
Enrichment and Conversion Branch
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

American Centrifuge Lead Cascade Facility
Docket Number 70-7003; License Number SNM-7003

Submittal of Final Status Survey Report for the American Centrifuge Lead Cascade Facility Decommissioning Project – Security-Related Information, Export Controlled Information, and Official Use Only Information

INFORMATION TRANSMITTED HERewith IS PROTECTED FROM PUBLIC DISCLOSURE AS CONFIDENTIAL COMMERCIAL OR FINANCIAL INFORMATION AND/OR TRADE SECRETS PURSUANT TO 10 CFR 2.390 AND 10 CFR PART 810

Dear Mr. Zimmerman:

The purpose of this letter is to provide DP-2605-0002, *Final Status Survey Report for the American Centrifuge Lead Cascade Facility Decommissioning Project*, for U.S. Nuclear Regulatory Commission (NRC) review and approval. The enclosed Final Status Survey Report (FSSR) presents the results of the final status radiological surveys for the Lead Cascade Decommissioning Project in Piketon, Ohio. These surveys were performed as described within DP-2605-0001, *Decommissioning Plan for the American Centrifuge Lead Cascade Facility in Piketon, Ohio*, submitted to the NRC on January 5, 2018, as modified by the clarifications regarding the American Centrifuge Lead Cascade Facility Decommissioning Plan provided to the NRC on April 3, 2018.

Enclosure 1 provides DP-2605-0002, *Final Status Survey Report for the American Centrifuge Lead Cascade Facility Decommissioning Project Revision 0*. Enclosure 2 contains Appendix A of the FSSR, *Withheld Figures*. Enclosure 3 contains Appendix B of the FSSR, *Final Status Surveys [Redacted]*. Sensitive information has been redacted from Enclosure 3 for the purposes of public release. Enclosure 4 provides Appendix C of the FSSR, *RESRAD-BUILD Evaluations*.

~~Information transmitted herewith contains~~
~~Security-Related Information-Withhold Under 10 CFR 2.390~~
~~Export Controlled Information and Official Use Only~~

When separated from the Enclosure 2, this cover letter is uncontrolled.


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Mr. Jacob I. Zimmerman
April 19, 2018
ACO 18-0015, Page 2

Enclosure 2 contains Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy, contains Official Use Only information and Export Controlled Information. Therefore, ACO requests that this enclosure be withheld from public disclosure.

ACO requests NRC approval of the enclosed Final Status Survey Report in conjunction with the approval of the Decommissioning Plan submitted to the NRC on January 5, 2018. If you have any questions regarding this matter, please contact me at (301) 564-3250 or Kelly Wiehle, Regulatory Manager, at (740) 897-3859.

Sincerely,



Steven A. Toelle
Director, Regulatory Affairs

Enclosures: As Stated

cc (without enclosures, unless otherwise noted):

Y. Faraz, NRC HQ (Enclosures)
S. Koenick, NRC HQ
M. Learn, NRC Region III (Enclosures)
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