



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

June 5, 2023

Matt Snider
General Manager
American Centrifuge Operating, LLC
P. O. Box 628, Mail Stop 7560
3930 U.S. 23 South
Piketon, OH 45661

SUBJECT: AMERICAN CENTRIFUGE PLANT – HIGH ASSAY LOW ENRICHED URANIUM
(HALEU) DEMONSTRATION PHYSICAL SECURITY OPERATIONAL
READINESS REVIEW (ORR) REPORT 07007004/2023406

Dear Matt Snider:

On April 27, 2023, the Nuclear Regulatory Commission (NRC) completed a HALEU Demonstration Physical Security ORR inspection at the American Centrifuge Plant (ACP) and discussed the preliminary results of this inspection with you and other members of your staff. On May 26, 2023, the inspectors presented the results of the HALEU Demonstration Physical Security ORR to you and other members of the licensee staff. The results of this inspection are documented in the enclosed report.

No violations of more than minor significance were identified during this inspection.

This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

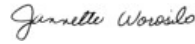
The enclosed report contains Security-Related Information, so the enclosed report will not be made publicly available in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information–Withhold from

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public disclosure under 10 CFR 2.390” in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,



Signed by Worosilo, Jannette
on 06/05/23

Jannette G. Worosilo, Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 07007004
License No. SNM-2011

Enclosure:
~~As stated~~

cc w/o encl: Distribution via LISTSERV

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M. Snider

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SUBJECT: AMERICAN CENTRIFUGE PLANT – HIGH ASSAY LOW ENRICHED URANIUM (HALEU) DEMONSTRATION PHYSICAL SECURITY OPERATIONAL READINESS REVIEW (ORR) REPORT 07007004/2023406 Dated June 05, 2023

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