



May 30, 2023
ACO 23-0049

ATTN: Document Control Desk
John W. Lubinski, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Lead Cascade Facility and American Centrifuge Plant
Docket Numbers 70-7003 and 70-7004; License Numbers SNM-7003 and SNM-2011**

Description of Change for the Fundamental Nuclear Material Control Plans for the American Centrifuge Lead Cascade Facility and American Centrifuge Plant

Dear John Lubinski:

In accordance with Section 1.2 of the Fundamental Nuclear Material Control Plan (FNMCP) for the American Centrifuge Lead Cascade Facility (LCF), Section 1.3 of the FNMCPs for the American Centrifuge Plant (ACP), and 10 *Code of Federal Regulations* (CFR) 70.32(c)(2)(ii), American Centrifuge Operating, LLC (ACO) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) a description of change as Enclosure 1 of this letter, which applies to the following documents:

- NR-2605-0003, *Fundamental Nuclear Material Control Plan for the American Centrifuge Lead Cascade Facility*
- NR-3605-0005, *Fundamental Nuclear Material Control Plan for the American Centrifuge Plant*
- NR-3605-0005A, *(U) Program for Precluding and Detecting Unauthorized Production/Enrichment Activities*
- NR-3605-0005B, *Addendum 1 of the Fundamental Nuclear Material Control Plan for the American Centrifuge Plant – HALEU Demonstration*
- NR-3605-0005C, *(U) Program for Precluding and Detecting Unauthorized Production/Enrichment and Diversion Activities for the HALEU Demonstration*

The changes noted in Enclosure 1 have been reviewed in accordance with 10 CFR 70.32 and have been determined not to decrease the effectiveness of the FNMCP.

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If you have any questions regarding this matter, please contact me at (740) 897-3859.

Sincerely,



Kelly L. Fitch
Regulatory Manager

Enclosure: As stated

cc (without enclosure, unless otherwise noted):

S. Ani, NRC HQ
Y. Faraz, NRC HQ (Enclosure)
A. Ford, DOE Idaho
S. Harlow, DOE-NE
J. Hutson, Contractor
J. Lingard, DOE Idaho
L. Pitts, NRC Region II (Enclosure)
J. Tobin, NRC HQ (Enclosure)
T. Vukovinsky, NRC Region II

Enclosure 1 to ACO 23-0049

**Description of Change for the Fundamental Nuclear Material Control Plans for the
American Centrifuge Lead Cascade Facility and American Centrifuge Plant**

Information contained within
DOES NOT CONTAIN
Export Controlled Information

Reviewer: #171, ACO
Date: 05/23/2023

Enclosure 1 to ACO 23-0049
Description of Change for the Fundamental Nuclear Material Control Plans for the
American Centrifuge Lead Cascade Facility and American Centrifuge Plant

FCE/PCE Numbers	Rev.	Description/Reason for the Change	Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required ?
FCE 23-0008 PCE 23-0018	0 0	<p>Title: Organizational Changes to Support Ongoing Operations</p> <p>Description of Change: Changes are being made to the American Centrifuge Operating, LLC organization structure to support ongoing operations. The following organization changes are being made to the License Application and Supporting Documents for the American Centrifuge Lead Cascade Facility (Lead Cascade) and American Centrifuge Plant (ACP).</p> <ul style="list-style-type: none"> • New position added for the Director, Regulatory Affairs. • Creation of the Nuclear Safety Manager position which will now report to the new Director, Regulatory Affairs. • The Regulatory Manager will now report to the new Director, Regulatory Affairs vice the Enrichment Operations Plant Manager. • The NMC&A Manager will now report to the new Director, Regulatory Affairs vice the Regulatory Manager. • The Maintenance Manager position has been re-established and will report to the Enrichment Operations Plant Manager. • The Cascade/Recycle and Assembly Operations Shift Supervisors will now report to the Cascade Process Area Manager vice the Operations Manager. • The Maintenance Work Center Supervisor will now report to the Maintenance Manager vice the Operations Manager. • Change the title of the Radiation Protection Manager/Supervisor to Radiation Protection Manager. • Corrected title for NR-3605-0005A, (U) Program for Precluding and Detecting Unauthorized Production/Enrichment Activities <p>Reason for the Change: Organization structure changes were needed for both the Lead Cascade and ACP. Expanding the management team oversight allows for continued operations in a manner that protects the health and safety of workers and the public; protects the environment; provides for the common defense and security; and is in compliance with applicable local, state, and federal laws and regulations.</p>	3/20/2023	No	<p>LA-2605-0001 Table of Contents, Sections 2.1.1, 2.1.2, 2.1.2.1, 2.1.2.1.1, 2.1.2.2, 2.1.2.2.1, 2.1.2.2.2, 2.1.2.3, 2.1.2.3.1, 2.1.2.3.2, 2.1.2.3.3, 2.1.2.3.4, 2.1.2.3.5, 2.1.2.3.5.1, 2.1.2.4.2, 2.1.5, Figure 2.1-1, Sections 3.1.2, 5.2.1, 5.2.2, 5.4.2, 6.0, 11.1.1.2, and 11.2.1</p> <p>NR-2605-0003 Sections 3.1 and 3.3</p> <p>LA-3605-0001 TOC, Sections 1.4.1 2.1, 2.1.2, 2.1.2.1, 2.1.2.1.1, 2.1.2.2, 2.1.2.2.1, 2.1.2.2.2, 2.1.2.3, 2.1.2.3.1, 2.1.2.3.2, 2.1.2.3.3, 2.1.2.3.4, 2.1.2.3.5, 2.1.2.3.5.1, 2.1.2.4.2, 2.1.5, Figure 2.1-1, Sections 3.1.2, 5.2.1, 5.2.2, 5.4.2, 6.0, 11.1.1.2.2, 11.1.1.2.5, 11.1.1.2.6, 11.1.1.2. 7, 11.1.1.2.8 and 11.2.1</p> <p>LA-3605-0003 Sections 4.1.1, 4.1.2 and 4.1.4</p> <p>NR-3605-0003 Section 1.2 and Figure 1.1-1</p> <p>NR-3605-0005 Sections 3.1, 3.2.1 and Figure 3-1</p> <p>NR-3605-0005B Figure 3-1</p> <p>NR-3605-0005A Section 11.3</p> <p>NR-3605-0005C Sections 11.3 and 11.3.1</p>	Yes