

June 22, 2016

Mr. Steven Toelle
Director, Regulatory Affairs
American Centrifuge Operating, LLC
6901 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: NOTIFICATION OF CHANGES TO THE FUNDAMENTAL NUCLEAR MATERIAL
CONTROL PLAN FOR THE AMERICAN CENTRIFUGE LEAD CASCADE
FACILITY AND THE AMERICAN CENTRIFUGE PLANT – COST ACTIVITY CODE
NUMBER L34343

Dear Mr. Toelle:

This is in response to your ACO 15-0038 letter dated December 10, 2015 (Agencywide Documents Access and Management Systems (ADAMS) Accession Number ML15358A008), submitting to the U.S. Nuclear Regulatory Commission (NRC) a description of changes to the Fundamental Nuclear Material Control Plan (FNMCP) for the American Centrifuge Lead Cascade Facility (LCF) and American Centrifuge Plant (ACP), in accordance with Section 1.2 of the FNMCP for the LCF, Section 1.3 of the FNMCP for the ACP, and Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70.32(c)(2)(ii).

The NRC staff reviewed the submittal to determine the impact of the changes on the effectiveness of the plans. Based on its review and evaluation of the information provided, the staff concluded that the changes to the FNCMPs are adequate and meet the requirements of 10 CFR 70.32(c)(1)(iii) in that there is no decrease in the effectiveness of the material control and accounting programs implemented pursuant to 10 CFR Part 74. Accordingly, the changes to the FNMCPs are approved. The Enclosure to this letter provides the Safety Evaluation Report prepared by the NRC staff.

This action completes the efforts under Cost Activity Code Number L34343.

In accordance with 10 CFR, Part 2.390 of the NRC "Agency Rules of Practice and Procedure," a copy of this letter, without the Enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at:
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S. Toelle

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If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 415-7827, or via e-mail at: Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Thomas A. Grice, Chief
Enrichment and Conversion Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket Nos.: 07007003, 07007004
License Nos.: SNM-7003, SNM-2011

Enclosure:
Safety Evaluation Report

cc: Mr. Steven R. Penrod, Vice President
Mr. Jonathan Corrado, Regulatory Manager

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Sincerely,

/RA/

Thomas A. Grice, Chief
Enrichment and Conversion Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket Nos.: 07007003, 07007004
License Nos.: SNM-7003, SNM-2011

Enclosure:
Safety Evaluation Report

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cc: Mr. Steven R. Penrod, Vice President
Mr. Jonathan Corrado, Regulatory Manager

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