

~~Unclassified Controlled Nuclear Information~~
~~Security-Related Information – Withhold Under 10 CFR 2.390~~
~~Export Controlled Information~~
~~USEC Proprietary Information~~



November 09, 2012
AET 12-0057

ATTN: Document Control Desk
Ms. Christiana Lui, Director
Division of Security Policy
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

American Centrifuge Lead Cascade Facility
Docket Number 70-7003; License Number SNM-7003
American Centrifuge Plant
Docket Number 70-7004; License Number SNM-2011
Notification of Changes for the Fundamental Nuclear Material Control Plan for the American Centrifuge Lead Cascade Facility and American Centrifuge Plant – Unclassified Controlled Nuclear Information, Security-Related Information, Export Controlled Information, and USEC Proprietary 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 9.17(a)(4)
AND
INFORMATION TRANSMITTED HEREWITH IS PROTECTED FROM DISCLOSURE PURSUANT TO 10 CFR PART 810

Dear Ms. Lui:

Purpose

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

Document/matter transmitted contains
~~Unclassified Controlled Nuclear Information~~
~~Security-Related Information – Withhold Under 10 CFR 2.390~~
~~Export Controlled Information~~
~~USEC Proprietary Information~~

When separated from Enclosure 2, the cover letter and Enclosure 1 are uncontrolled and do not contain UCNI.

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NSIRDZ
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Discussion

The changes noted in Enclosures 1 and 2 have been reviewed in accordance with 10 CFR 70.32 and have been determined not to decrease the effectiveness of the FNMCP.

Enclosure 2 contains Security-Related Information and USEC Proprietary Information; therefore, USEC requests this enclosure be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1). Enclosure 2 has been determined, in accordance with the guidance provided by the DOE, to contain Export Controlled Information. This information must be protected from disclosure per the requirements of 10 CFR Part 810. Additionally, Enclosure 2 has been determined to contain Unclassified Controlled Nuclear Information and must be protected from disclosure per the requirements of 10 CFR Part 1017. Unauthorized dissemination is subject to civil and criminal sanctions under Section 148 of the *Atomic Energy Act of 1954 as amended* (42 U.S.C. 2168).

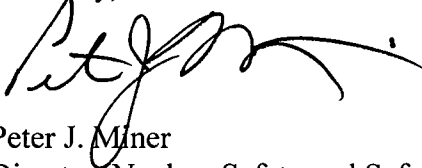
Action

This letter satisfies FNMCP reporting requirements. No specific action is requested concerning this submittal.

Contact

If you have any questions regarding this matter, please contact me at (301) 564-3470 or Vernon J. Shanks at (740) 897-2343.

Sincerely,



Peter J. Miner
Director, Nuclear Safety and Safeguards

Enclosures: As Stated

cc: J. Calle, NRC Region II
J. Downs, NRC HQ
K. Everly, NRC HQ
L. Pitts, NRC Region II
O. Siurano, NRC HQ
B. Smith, NRC HQ

Enclosure 1 to AET 12-0057
Description of Change to the Fundamental Nuclear Material Control Plan
for the American Centrifuge Plant and American Centrifuge Lead Cascade Facility

**Information contained within
does not contain
Export Controlled Information**

Reviewer: R.S. Lykowksi

Date: 11-9-12

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

FCE/PCE NO.	Rev.	Description/Reason for the Change	Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required
PCE 12-0057	0	<p>Title: Correct Time Frame For Procedure Review/Revisions</p> <p>Description of Change: Corrected the timeframe for procedure periodic reviews from three years to five years to align with American Centrifuge Plant Fundamental Nuclear Material Control Plan Section 4.1 (Procedures), American Centrifuge Plant Fundamental Nuclear Material Control Plan Section 5.3 (Measurement Procedures), and the American Centrifuge Plant License Application Section 11.4.6 (Periodic Review).</p> <p>Reason for the Change: This change is being made in response to Condition Notification #3857, which noted a discrepancy in the periodic review frequencies listed in the American Centrifuge Plant Fundamental Nuclear Material Control Plan.</p>	5/17/2012	No	ACP FNMCP Section 6.2	No
FCE 12-0131 PCE 12-0077	0 0	<p>Title: Organizational and Editorial Changes</p> <p>Description of Change: Changed the Lead Cascade Facility and American Centrifuge Plant organizational structure to better align its management team and workforce with the Company's future business environment, to continue to progress toward commercial deployment of American Centrifuge technology.</p> <p>Reason for the Change: USEC management determined that organizational changes were needed to better align its management team and workforce with the Company's future business environment, to continue to progress toward commercial deployment of American Centrifuge technology.</p>	8/6/2012	No	LCF/ACP License Application Table of Contents, Sections 1.2, 2.0, 2.1, 2.3, 4.2, 4.3, 6.2, 11.1, 11.3, and Figure 2.1-1; LCF FNMCP, Section 3.1; ACP FNMCP, Section 3.1, 3.2 and Figure 3-1; LCF/ACP Quality Assurance Plan Description Sections 1.2, 5.0, 20.0, Figure 1.1-1 and 1.1-2; ACP Emergency Plan Section 4.1	No

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