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February 27, 2013
ACO 13-0018

ATTN: Document Control Desk
Ms. Catherine Haney, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Ms. Patricia K. Holahan, Director
Division of Security Operations
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

Submission of Description of Change and Changed Pages to the Security Program for the American Centrifuge Plant- Security-Related Information, Official Use Only, and Export Controlled 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. Haney and Ms. Holahan:

Purpose

In accordance with 10 *Code of Federal Regulations* (CFR) 70.32(d) and (e), American Centrifuge Operating, LLC (ACO) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) a description of changes to the Security Program for the American Centrifuge Plant (NR-3605-0004) as Enclosure 1 of this letter.

Document/matter transmitted contains

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When separated from Enclosures 2 and 3, this cover letter and Enclosure 1 are uncontrolled.

American Centrifuge Operating, LLC
3930 U.S. Route 23 South - P.O. Box 628
Piketon, OH 45661

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S001A
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ECI will not be added to ADAMS

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Ms. Catherine Haney
Ms. Patricia K. Holahan
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In addition, in accordance with 10 *Code of Federal Regulations* (CFR) 95.19(a)(2) and (b), ACO hereby submits to the NRC changed pages for the Security Program for the American Centrifuge Plant (NR-3605-0004) as Enclosure 2 and the Transportation Security Plan for Classified Matter Shipments for the American Centrifuge Plant (NR-3605-0010) as Enclosure 3 of this letter.

Discussion

These changes have been reviewed in accordance with 10 CFR 70.32 and 10 CFR 95.19 and have been determined not to decrease the effectiveness of the Security Program. These changes were also determined to be non-substantive as well as substantive changes as approved by the NRC (Reference 1).

Enclosure 2 contains Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy (DOE), this enclosure also contains Official Use Only information. Therefore, ACO requests this enclosure be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1). Additionally, 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.

Enclosure 3 contains Security-Related Information and in accordance with the guidance provided by the DOE, this enclosure also contains Official Use Only information. Therefore, ACO requests this enclosure be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1).

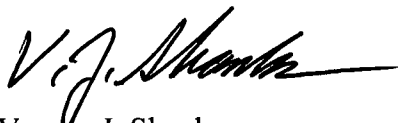
Action

No specific action is requested concerning this submittal.

Contact

If you have any questions regarding this matter, please contact me at (740) 897-2343.

Sincerely,



Vernon J. Shanks
Regulatory Manager

Enclosures: As Stated

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Ms. Catherine Haney
Ms. Patricia K. Holahan
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cc: L. Castelli, NRC Region II
J. Downs, NRC HQ
K. Everly, NRC HQ
L. Pitts, NRC Region II

O. Siurano, NRC HQ
B. Smith, NRC HQ
B. Stapleton, NRC HQ

References:

1. NRC letter from B. Smith (NRC) to P.J. Miner (USEC) regarding Revision to Security Program for American Centrifuge Operating, LLC and Cyber Security Plans (TAC L34141), dated February 8, 2013

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Enclosure 1 to ACO-0018

Description of Change to the Security Program for the American Centrifuge Plant

Information contained within
does not contain
Export Controlled Information

Reviewer: G.Peet

Date: 2-26-13

Description of Changes to the Security Program for the 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 11-0008 PCE 11-0006	0 0	<p>Title: Changes to Integrated Safety Analysis; Integrated Safety Analysis Summary; Environmental Report; Security Program; and Emergency Plan</p> <p>Description of Change: Provided updated information and made editorial changes.</p> <p>Reason for the Change: Changes were made to better reflect areas surrounding centrifuge facilities; and to clarify the License Application and Supporting documents.</p>	3/22/2011	No	LCF Integrated Safety Analysis, Integrated Safety Analysis Summary; and Redacted Integrated Safety Analysis Summary: Table of Contents; Sections 1.1, 1.2, 2.1, 2.2, 3.5, 3.6, 7.3; Table 7.2-1, Table C-1; Figures 1.1-7, 1.1-4, 1.4-7, 2.2-1; ACP Integrated Safety Analysis Summary; Sections; 1.2; 1.7; 1.9; Table 1.2-1; Figures 1.0-1; 1.2-2; 2.1-1; 2.1-2; and 3.10.6-1; ACP License Application Sections 1.3, 1.5; Figures 1.3-3, 1.1-1, 1.1-2, 10.1-1; ACP Environmental Report Sections 3.10 and 9.0; and Figure 3.10-1; LCF Environmental Report Figure 1.2-1; LCF License Application Sections 1.1, 1.2, 1.3, 1.5; Figures 1.1-2, 1.1-3, 1.3-3, 1.3-6, and 1.3-7; Sections 8.1; Figures 8.1-1; and 8.1-4; Section 10.1; and Figure 10.1-1; Appendix A & B; ACP/LCF Security Program Figure 1-1; ACP Emergency Plan Figures 1-4 and C-1	Yes
FCE 11-0045 PCE 11-0025	3 3	<p>Title: Revision to NR-3605-0004, Security Program for the American Centrifuge Plant</p> <p>Description of Change: Various minor administrative corrections were made to the Security Program; and the classified cyber security plan, SP-3605-0001, Stand Alone Information System Security Plan (ISSP) Processing Classified Information at Protection Index PI-2, (Revision 0) was cancelled.</p> <p>Reason for the Change: Various minor administrative corrections were made based on NRC January 17 - 20, 2012 on-site Readiness Review. Additional changes were made based on extent of condition.</p> <p>Classified cyber security plan, SP-3605-0001, was discussed during the onsite NRC Readiness Review and it was agreed to by the NRC, DOE, and USEC Inc. that this plan was no longer needed; therefore, this plan was cancelled.</p>	9/28/2012	No	ACP License Application Section 1.1; ACP Fundamental Nuclear Material Control Plan Section 11.2, 11.4 and Table 11.1; LCF/ACP Security Program; ACP Emergency Plan Section 4.2, 4.3, 6.1, and 9.2; ACP ISA Summary Section 2.4, Tables B-2, B-3, B-4, B-5, B-6, B-7, and B-8; Sections E.1.2, E.2.2, E.3.2, E.4.2, E.5.2, E.6.2, E.7.2, E.8.2, and E.10.2; SP-2605-0027; SP-2605-0028; SP-3605-0001; SP-3605-0002; SP-3605-0003; LCF/ACP NR-3605-0010, Section 2.1; ACP Environmental Report Sections 1.2 and 4.1	Yes