

~~Security-Related Information – Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~



December 30, 2011  
AET 11-0059

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

**American Centrifuge Plant and Lead Cascade Facility  
Docket Numbers 70-7004 and 70-7003; License Numbers SNM-2011 and SNM-7003  
Supplemental Responses to Request for Additional Information Regarding USEC Inc.'s  
Request to Review the Security Program for American Centrifuge Operating, LLC (TAC  
No. L33133) – 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:

**Purpose**

The purpose of this letter is to provide USEC Inc. (USEC) supplemental responses to the U.S. Nuclear Regulatory Commission's (NRC) requests for additional information (RAI) for review.

**Background**

On April 21, 2011 (Reference 1), USEC submitted proposed changes to the Security Program for the American Centrifuge Plant (NR-3605-0004) and the American Centrifuge Lead Cascade Facility to the NRC for review and approval. On June 22, 2011 (Reference 2), the NRC issued a RAI regarding USEC's proposed revisions to the Security Program for American Centrifuge Operating, LLC (ACO). On August 16, 2011 (Reference 3), USEC provided responses to the NRC's RAIs. On October 21, 2011 (Reference 4), the NRC identified additional information that was needed before final action can be taken with regard to

~~Document herewith contains~~  
~~Security-Related Information – Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~  
When separated from Enclosures 1 and 2, this letter is uncontrolled.

NMSO1

~~Security-Related Information - Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~

Ms. Catherine Haney  
December 30, 2011  
AET 11-0059, Page 2

the Security Program for ACO. On November 15, 2011, USEC verbally discussed with NRC staff extending the response 90 days to February 18, 2012.

**Discussion**

Enclosure 1 of this letter provides USEC's supplemental RAI responses. Additional proposed changes for the Security Program associated with these supplemental RAI responses are provided in Enclosure 2 of this letter. Proposed changes are designated with a revision bar in the right hand margin.

Enclosures 1 and 2 contain Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy (DOE), these enclosures also contain Official Use Only information. Therefore, USEC requests these enclosures 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.

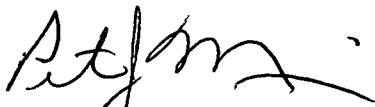
**Action**

USEC respectfully requests that the combined NRC/DOE reviews and facility/cyber surveys be completed, and a possessing facility data and approval record be issued for the American Centrifuge Operating, LLC prior to February 9, 2012.

**Contact**

If you have any questions regarding this matter, please contact me at (301) 564-3470 or Terry Sensus at (740) 897-2412.

Sincerely,



Peter J. Miner  
Director, Regulatory and Quality Assurance

Enclosures: As Stated

~~Document herewith contains~~  
~~Security-Related Information - Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~  
When separated from Enclosures 1 and 2, this letter is uncontrolled.

~~Security-Related Information – Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~

Ms. Catherine Haney  
December 30, 2011  
AET 11-0059, Page 3

cc (without enclosures, unless otherwise noted):

J. Calle, NRC Region II  
R. DeVault, DOE  
J. Downs, NRC HQ  
K. Everly, NRC HQ (w/enclosures)  
D. Hartland, NRC Region II  
J.T. Howell, DOE  
S. Rice, DOE (w/enclosures)  
B. Smith, NRC HQ  
O. Siurano, NRC HQ (w/enclosures)  
B. Stapleton, NRC HQ

References:

1. USEC letter AET 11-0021 from P.J. Miner to C. Haney (NRC) regarding Proposed Revision for the American Centrifuge Operating, LLC Security Program/Plans, dated April 21, 2011
2. NRC letter from O. Siurano-Perez to P.J. Miner (USEC) regarding Request for Additional Information Regarding USEC Inc.'s Request to Review the Security Program for American Centrifuge Operating, LLC (TAC No. L33133), dated June 22, 2011
3. USEC letter AET 11-0043 from P.J. Miner to C. Haney (NRC) regarding Response to Request for Additional Information Regarding USEC Inc.'s Request to Review the Security Program for American Centrifuge Operating, LLC (TAC No. L33133), dated August 16, 2011
4. NRC letter from O. Siurano-Perez to P.J. Miner (USEC) regarding Evaluation of USEC Inc.'s Responses to Request for Additional Information Regarding Its Request to Review the Security Program for American Centrifuge Operating LLC, (TAC No. L33133), dated October 21, 2011

~~Document herewith contains~~  
~~Security-Related Information – Withhold Under 10 CFR 2.390~~  
~~Official Use Only~~  
~~Export Controlled Information~~  
When separated from Enclosures 1 and 2, this letter is uncontrolled.