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August 16, 2011
AET 11-0043

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
Response 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**

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AND
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DISCLOSURE PURSUANT TO 10 CFR PART 810**

Dear Ms. Haney:

Purpose

The purpose of this letter is to provide USEC Inc. (USEC) responses to the U.S. Nuclear Regulatory Commission's (NRC) request for additional information 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 request for additional information (RAI) regarding USEC's proposed revisions to the Security Program for American Centrifuge Operating, LLC.

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USEC Inc.
6903 Rockledge Drive, Bethesda, MD 20817-1818
Telephone 301-564-3200 Fax 301-564-3201 <http://www.usec.com>

NM3501

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Discussion

Enclosure 1 of this letter provides USEC's RAI responses. Proposed changes associated with the Security Program are provided in Enclosure 2 of this letter. Proposed changes associated with the Cyber Security Plans are provided in Enclosure 3 of this letter. Changes provided within Enclosures 2 and 3 are designated with a revision bar in the right hand margin.

Enclosures 1, 2, and 3 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, Enclosures 1 and 2 have 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 November 30, 2011.

Contact

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

Sincerely,



Peter J. Miner
Director, Regulatory and Quality Assurance

Enclosures: As Stated

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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
R. Holt, DOE (w/enclosures)
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