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November 5, 2010
AET 10-0068

ATTN: Document Control Desk
Ms. Catherine Haney, Director
Office of Nuclear Material Safety and Safeguards
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
Response to Request for Additional Information and Request for Approval of Revision to the
Security Program (TAC No. L32929) - Official Use Only, Export Controlled Information, and
Security-Related Information**

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Dear Ms. Haney:

Purpose

The purpose of this letter is to submit for U.S. Nuclear Regulatory Commission (NRC) approval, the USEC Inc. (USEC) response to the Request for Additional Information (RAI) relating to the Security Program for the American Centrifuge Plant (NR-3605-0004).

Background

In NRC letter dated July 23, 2009 (Reference 1), the NRC informed USEC of the expectation for enrichment plant licensees to review the information in the Nuclear Energy Institute (NEI) guidance

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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>

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document, NEI 08-11, "Information Security Program Guidelines for Protection of Classified Material at Uranium Enrichment Facilities" for applicability to their facilities, including their vendors and subcontractors that possess or use classified matter. USEC letter dated December 10, 2009 (Reference 2) provided a proposed change to Chapter 2, "Security Plan for the Protection of Classified Matter" and Chapter 4, "Definitions and Acronyms" to incorporate the NEI guidance into the USEC Security Program. The proposed change was determined to be a substantive change in accordance with 10 *Code of Federal Regulations* (CFR) 95.19 and required NRC prior review and approval.

NRC's inspection report dated June 3, 2010 (Reference 3), transmitted RAIs within the body of the report relating to the proposed changes to the Security Program to address NEI 08-11. The inspectors had reviewed the proposed changes from a "readiness" standpoint. USEC letter dated July 28, 2010 (Reference 4) provided USEC's response to the RAIs for the Security Program.

Discussion

NRC's email dated September 20, 2010 (Reference 5), also transmitted RAIs relating to the proposed changes to the Security Program to address the NEI 08-11 guidance. Enclosure 1 of this letter provides USEC's response to NRC's June and September 2010 RAIs for the Security Program for the American Centrifuge Plant with differences from Reference 2 clearly identified. Enclosure 2 provides a copy of the revised pages to the Security Program. The changes to the Curtiss-Wright Electro-Mechanical Corporation and Alliant Techsystems Inc., Allegany Ballistics Laboratory security programs will be forthcoming under separate cover.

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 contains Official Use Only information. Therefore, USEC requests that these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1). Enclosures 1 and 2 have also 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 requests NRC review and approval of the proposed changes to address NEI 08-11 by January 31, 2011.

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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

cc: J. Calle – NRC RII
R. DeVault – DOE OR
J. Downs – NRC HQ
K. Everly – NSIR, NRC HQ
D. Hartland – NRC RII
O. Siurano – NRC HQ
B. Smith – NRC HQ
B. Stapleton – NRC HQ

References:

1. NRC letter from D.H. Dorman (NRC) to P.J. Miner (USEC) regarding Nuclear Energy Institute Guidance Document NEI 08-11, "Information Security Program Guidelines For Protection Of Classified Material At Uranium Enrichment Facilities," dated July 23, 2009
2. USEC letter AET 09-0089 from P.J. Miner (USEC) to M.F. Weber (NRC) regarding Revision to Security Program to Incorporate Nuclear Energy Institute 08-11 Guidance, dated December 10, 2009
3. NRC letter from B.W. Stapleton (NRC) to P.J. Miner (USEC) regarding NRC Inspection Report No. 07007004/2010202, dated June 3, 2010
4. USEC letter AET 10-0048 from P.J. Miner (USEC) to C. Haney (NRC) regarding Response to Request for Additional Information and Request for Approval of Revision to the Security Program, dated July 28, 2010
5. NRC email from O. Siurano-Perez (NRC) to P.J. Miner (USEC) regarding NRC Comments to USEC Inc. Request RE: NEI 08-11 Guidance, dated September 20, 2010