



October 13, 2011
AET 11-0051

ATTN: Document Control Desk
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
Transmittal of Security Incident Log per 10 CFR 95.57(b) and SPPP For USEC Inc. –
Security-Related Information and USEC Proprietary Information

**INFORMATION TRANSMITTED HERE WITH IS PROTECTED FROM PUBLIC
DISCLOSURE AS CONFIDENTIAL COMMERCIAL OR FINANCIAL INFORMATION
AND/OR TRADE SECRETS PURSUANT TO 10 CFR 2.390**

Dear Ms. Holahan:

Purpose

The purpose of this letter is to submit to the U.S. Nuclear Regulatory Commission (NRC) the monthly Security-related Logs for USEC Inc. (USEC).

Background

In accordance with 10 *Code of Federal Regulations* (CFR) 95.57(b), USEC is required to notify the NRC of the monthly Security Incident Log entries made for the American Centrifuge Plant (ACP)/Lead Cascade Facility, USEC headquarters (HQ) and for USEC's strategic suppliers who implement a NRC-approved security program. Also in accordance with the *Standard Practice Procedures Plan* (SPPP), *Standard Format And Common Set Of Requirements For The Protection of Classified Matter For USEC Inc. And Its Limited Liability Companies Regulated by the U.S. Nuclear Regulatory Commission*, USEC is required to notify the NRC of the monthly SPPP Impact Measurement Index (IMI) Incidents of Security Concern Log entries made for the ACP/Lead Cascade Facility. This CFR requirement and/or SPPP requirement is contained within these NRC-approved security programs.

Information transmitted herewith contains
~~Security-Related Information-Withhold Under 10 CFR 2.390~~
~~USEC Proprietary Information~~
When separated from Enclosures 1 and 2, this cover letter is uncontrolled.

USEC Inc.
American Centrifuge Plant
3930 U.S. Route 23 South – P.O. Box 628, Piketon, OH 45661
<http://www.usec.com>

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~~Security-Related Information-Withhold Under 10 CFR 2.390~~
~~USEC Proprietary Information~~

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Discussion

Enclosed are the Security Incident Log entries and/or SPPP IMI Incidents of Security Concern Log entries made during the month of September 2011 for the ACP/Lead Cascade Facility, USEC HQ, and for USEC's strategic suppliers who implement a NRC-approved Security Program. Enclosure 1 contains the 10 CFR 95.57(b) Security Incident Log for the ACP/Lead Cascade Facility, USEC HQ, and for USEC's strategic suppliers and Enclosure 2 contains the SPPP IMI Incidents of Security Concern Log for the ACP/Lead Cascade Facility through September 2011.

Enclosures 1 and 2 contain Security-Related Information and USEC Proprietary Information and USEC requests these enclosures be withheld from public disclosure per 10 CFR 2.390(d)(1).

Action

No specific action is requested concerning this submittal.

Contact

Any questions related to this subject should be directed to Mr. Darren E. Mays at (740) 897-3178.

Sincerely,



Terry Sensue
Regulatory Manager

Enclosure: As Stated

cc: J. Downs, NRC HQ
K. Everly, NRC HQ
D. Hartland, NRC Region II
J. Calle, NRC Region II
O. Siurano, NRC HQ
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