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May 12, 2005
AET 05-0036

Mr. Jack R. Strosnider
Director, Office of Nuclear Material Safety and Safeguards
Attention: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Plant
Docket Number 70-7004
Submittal of Revision 2 for Appendix A of the Fundamental Nuclear Material Control Plan for
the American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308)**

Dear Mr. Strosnider:

Pursuant to Reference 1, USEC Inc. (USEC) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) changed pages for Revision 2 for Appendix A of the Fundamental Nuclear Material Control Plan, NR-3605-0005A entitled Program for Precluding and Detecting Unauthorized Production/Enrichment Activities (U) as Enclosure 1.

Changes from Revision 1 submitted to the NRC by Reference 2 are designated with revision bars in the right hand margin.

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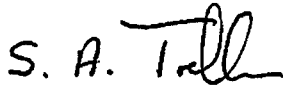
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If there are any questions regarding this matter, please contact, Mr. Peter J. Miner, at (301) 564-3470.

Sincerely,



Steven A. Toelle
Director, Nuclear Regulatory Affairs

cc: Y. Faraz, NRC HQ (enclosures)
J. Henson, NRC Region II (w/o enclosures)
B. Smith, NRC HQ (w/o enclosures)

Enclosures: As Stated

Reference:

1. USEC Letter AET 05-0035 from S.A. Toelle (USEC) to J.R. Strosnider (NRC) "Submittal of Additional Information Related to Request for Additional Information —License Application for the American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308) – Proprietary and Export Controlled Information," dated May 12, 2005.
2. USEC Letter AET 05-0011 from S.A. Toelle (USEC) to J.R. Strosnider (NRC), "Responses to the Classified Request for Additional Information Regarding the License Application (TAC NOS. L32306, L32307, and L32308)," dated April 1, 2005.

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Enclosure 1

**Changed Pages (Revision 2) for Appendix A of the
Fundamental Nuclear Material Control Plan
NR-3605-0005A, Program for Precluding and Detecting Unauthorized
Production/Enrichment Activities (U)**

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