



November 7, 2005
AET 05-0085

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 Additional Information Related to the Integrated Safety Analysis for the
American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308)**

**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 Mr. Strosnider:

USEC Inc. (USEC) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) additional information related to the Requests for Additional Information regarding the Integrated Safety Analysis (ISA) for the American Centrifuge Plant.

Enclosure 1 provides USEC's (Export Controlled Information) responses to additional questions noted during conference calls with NRC staff. Enclosure 2 provides the USEC's (Non-Proprietary) responses to the additional questions noted during conference calls with NRC staff. Enclosure 3 provides the associated changed pages for the License Application and supporting documents (Non-Proprietary). Enclosure 4 provides changed pages for the Security Program (Proprietary). Enclosure 5 provides the changed pages for the ISA Summary (Export Controlled Information). Enclosure 6 provides the changed pages for Appendix J of the ISA Summary (Official Use Only/Export Controlled Information). Enclosure 7 provides the changed pages for Addendum 1 of the ISA Summary (Export Controlled Information/Proprietary). Revision bars in the right hand margin depict changes from the previous version submitted to the NRC.

NmSSO1

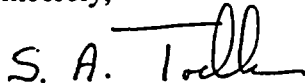
Rec'd 11/23/05
JCO

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Enclosure 4 contains USEC Proprietary Information and USEC requests that this enclosure be withheld from public disclosure pursuant to 10 *Code of Federal Regulations* (CFR) 2.390(d)(1). Enclosure 7 contains USEC Proprietary Information and USEC requests that this enclosure be withheld from public disclosure pursuant to 10 CFR 2.390(a)(4). An affidavit required by 10 CFR 2.390(b)(1)(ii) is provided in Enclosure 8. Enclosures 1, 5, 6, and 7 have been determined, in accordance with the guidance provided by the U.S. Department of Energy, to contain Export Controlled Information. This information must be protected from disclosure per the requirements of 10 CFR Part 810. Enclosure 6 has also been determined by the DOE, to contain Official Use Only Information. DOE review is required before public release of this enclosure.

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

Sincerely,

A handwritten signature in black ink, appearing to read "S. A. Toelle", with a stylized flourish at the end.

Steven A. Toelle
Director, Nuclear Regulatory Affairs

cc: Y. Faraz, NRC HQ
N. Garcia-Santos, NRC HQ
B. Smith, NRC HQ
R. Wescott, NRC HQ

Enclosures: As Stated

Reference:

1. USEC Letter AET 05-0081 from S.A. Toelle (USEC) to J.R. Strosnider (NRC) regarding Submittal of Additional Information Related to the Integrated Safety Analysis for the American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308), dated October 28, 2005.