



April 19, 2005  
AET 05-0016

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**

**Additional Responses to Request for Additional Information Regarding the License Application (TAC Nos. L32306, L32307, and L32308) – Proprietary and Export Controlled Information**

**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 810**

Dear Mr. Strosnider:

Pursuant to Reference 1, USEC Inc. (USEC) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) additional information related to the Request for Additional Information (RAI) on the License Application and supporting documents for the American Centrifuge Plant.

Enclosure 1 to this letter provides revised responses as specified in Reference 1. Enclosure 2 contains drawings requested in NRC RAI Question LA-1. Enclosure 3 contains an Annex to the Fundamental Nuclear Material Control Plan as requested in NRC RAI Question FN-4. As a result of the additional responses in Enclosure 1 of this letter, additional (non-proprietary) changes have been made to Chapters 1.0, 3.0, and 7.0 of the License Application and will be submitted under separate cover (AET 05-0019). Revision 2 to the Integrated Safety Analysis (ISA) Summary and Addendum 1 of the ISA Summary will be provided under separate cover (AET 05-0026).

Enclosures 1 through 3 contain USEC Proprietary Information. Accordingly, USEC requests that the documents in Enclosures 1 through 3 be withheld from the public disclosure pursuant to 10 *Code of Federal Regulations* (CFR) 2.390(a)(4) and (d)(1). An affidavit required by 10 CFR 2.390(b)(1)(ii) is provided in Enclosure 4. In addition, Enclosures 1 through 3 have been determined, in accordance with the guidance provided by the U.S. Department of Energy, to contain Export Controlled

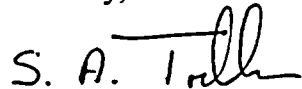
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Information. This information must be protected from disclosure per the requirements of 10 CFR Part 810.

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  
J. Henson, NRC Region II  
B. Smith, NRC HQ

Enclosures: As Stated

#### Reference

1. USEC Letter (AET 05-0007) from S. Toelle (USEC) to J. Strosnider (NRC), "Responses to Request for Additional Information on the License Application (TAC Nos. L323069, L32307, and L32308)," dated March 9, 2005.