



SECRET-RD

August 26, 2005  
AET 05-0066

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 Integrated Safety Analysis Reference Documents for the American Centrifuge  
Plant (TAC Nos. L32306, L32307, and L32308)**

Dear Mr. Strosnider:

Pursuant to Reference 1, enclosed are four documents referenced in DAC-2101-0028, Design Analysis and Calculations, entitled *Comparison of Machine Mount Loadings to Design Capacity (U)*, which was submitted to the NRC on July 6, 2005 by USEC letter AET-05-0048. Enclosures are as follows:

1. K/D-4003, entitled *Gas Centrifuge Enrichment Plant Design Criteria (U)*, **Confidential – Restricted Data**
2. K/D-5255, entitled *Gas Centrifuge Enrichment Plant Mount Hardware Analysis (U)*, **Confidential – Restricted Data**
3. TAR-1150-0004, entitled *Lead Cascade Casing Tubing Section Thickness (U)*, **Secret – Restricted Data**
4. USEC/OR-04-0107, entitled *Technical Basis USEC Production Machine Non-Nuclear Safety (U)*, **Secret – Restricted Data**

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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>

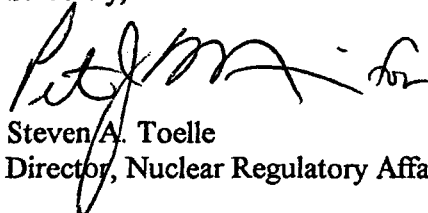
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If there are any questions regarding this matter, please contact, Mr. Peter J. Miner at (301) 564-3470.

Sincerely,



Steven A. Toelle  
Director, Nuclear Regulatory Affairs

cc: Y. Faraz, NRC HQ (enclosure)  
B. Smith, NRC HQ (w/o enclosure)

Enclosures: As Stated

Reference 1

1. USEC letter AET 05-0063 from S. A. Toelle (USEC) to J. R. Strosnider (NRC), Submittal of Integrated Safety Analysis Reference Documents for the American Centrifuge Plant (ACP),” dated August 26, 2005.

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