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July 6, 2005  
AET 05-0048

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 Document 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) a reference document for the American Centrifuge Plant Integrated Safety Analysis. Enclosure 1 contains DAC-2101-0028, Design Analysis and Calculations, entitled *Comparison of Machine Mount Loadings to Design Capacity (U)*.

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. USEC Letter AET 05-0042 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)," dated June 3, 2005.

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**Enclosure 1**

**DAC-2101-0028, Design Analysis and Calculations,  
*Comparison of Machine Mount Loadings to Design Capacity (U)***

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