



September 22, 2005
AET 05-0074

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
Geotechnical Investigation**

Dear Mr. Strosnider:

The purpose of this letter is for USEC Inc. (USEC) to notify the U.S. Nuclear Regulatory Commission (NRC) pursuant to 10 *Code of Federal Regulations* (CFR) 51.101(c) that we plan to undertake a geotechnical investigation of soil surrounding the proposed American Centrifuge Plant facilities in support of preparation of a site-specific seismic study suitable for design of systems, structures, and components. This investigation is necessary to satisfy USEC's commitment in Reference 1 to complete this study. The geotechnical investigation includes the collection of soil borings and samples necessary for determining subsurface soil properties and parameters.

In accordance with 10 CFR 70.23(a)(7), the collection of soil borings and samples is not considered "commencement of construction" since these borings are necessary to determine foundation conditions.

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

Sincerely,

Steven A. Toelle
Director, Nuclear Regulatory Affairs

cc: Y. Faraz, NRC HQ
B. Smith, NRC HQ

Reference:

1. USEC letter AET 05-0042 from Steven A. Toelle letter to Jack R. Strosnider, 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 June 3, 2005.

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