



February 2, 2006
AET 06-0013

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 Regarding Seismic Analysis 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) report A1PH-9-K007-00001-1 entitled "*Final Report of Site-Specific Seismic Study - USEC American Centrifuge*," dated January 2006 as Enclosure 1 of this letter. This final report supersedes the version previously submitted to the NRC on October 28, 2005 by USEC letter AET 05-0079.

The site map which depicts the specific soil boring locations on the U.S. Department of Energy reservation has been determined to contain Export Controlled Information. Therefore, this map is being submitted separately by USEC letter AET 06-0014.

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

Sincerely,

Steven A. Toelle
Director, Regulatory Affairs

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

Enclosure: As Stated

Reference:

1. USEC letter AET 05-0099 from S.A. Toelle (USEC) to J.R. Strosnider (NRC) regarding Submittal of Additional Information Regarding Seismic for the American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308) – Proprietary Information, dated December 15, 2005.

USEC Inc.

6903 Rockledge Drive, Bethesda, MD 20817-1818
Telephone 301-564-3200 Fax 301-564-3201 <http://www.usec.com>

NMS501