

September 11, 2006

Mr. Steven A. Toelle, Director
Nuclear Regulatory Affairs
USEC Inc.
Two Democracy Center
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: SAFETY EVALUATION REPORT FOR AMERICAN CENTRIFUGE PLANT

Dear Mr. Toelle:

On August 23, 2004, USEC, Inc. (USEC) submitted a license application for a uranium enrichment facility proposed to be located in Piketon, Ohio. This letter is to inform you that we have completed our review of this application, together with all of its revisions, and the Integrated Safety Analysis Summary. Enclosed are copies of the Safety Evaluation Report (SER) prepared to support issuance of a license for the proposed uranium enrichment facility. The publicly available portion of the SER (ADAMS Accession No. ML062490544) is available for inspection at the U.S. Nuclear Regulatory Commission's Public Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, please contact Stan Echols at (301) 415-6981.

Sincerely,

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Jack R. Strosnider, Director
Office of Nuclear Material Safety
and Safeguards

Docket: 70-7004

Enclosure: Safety Evaluation Report for American Centrifuge Plant

cc:

William Szymanski/DOE	Michael Marriotte/NIRS	Dan Minter/SODI
Carol O'Claire/Ohio EMA	James Curtiss/W&S	Randall DeVault/DOE
Lindsay Lovejoy/NIRS	Karl Gross/LES	Peter Miner/USEC Inc.
Rocky Brown/Mayor of Beaver	Jim Brushart/Pike Co. Comm.	Geoffrey Sea
David Bowe/SPFPA/USEC	Teddy West/Scioto Twp. Trust.	Robert Owen/Ohio DoH
Billy Spencer/Mayor of Piketon	Vina Colley/PRESS	Donald Silverman/Morgan Lewis
Harry Rioer/Pike Co. Comm	Larry Scaggs/Seal Twp.Trust.	Carrie Mytinger/Cong. Ney
Robert Huff/Portsmouth CoC	Ted Wheeler/Pike County Aud.	Marvin Jones/Chillicothe CoC
Kara Willis/Gov. Taft's Reg. 7	Ewan Todd/PRESS	Dwight Massie/Pike CoC
Joyce Weeth/Pike Co. Rec	Blaine Beekman/Pike CoC	MarJean Kennedy/Gov. Taft

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