

October 6, 2005

MEMORANDUM TO: James W. Clifford, Acting Chief  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards

THRU: Brian W. Smith, Chief /RA/  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch, FCSS

FROM: Yawar Faraz, Senior Project Manager /RA/  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch, FCSS

SUBJECT: AUGUST 15 -17, 2005, USEC INC. AMERICAN CENTRIFUGE  
PLANT INTEGRATED SAFETY ANALYSIS ON-SITE REVIEW

On August 15 - 17, 2005, U.S. Nuclear Regulatory Commission (NRC) staff conducted a second on-site review of Integrated Safety Analysis (ISA) documentation for the USEC Inc. (USEC) American Centrifuge Plant (ACP) gas centrifuge enrichment plant proposed to be located in Piketon, Ohio. The review took place in the USEC Inc. offices at the Portsmouth Gaseous Diffusion Plant in Piketon, OH. I am attaching the meeting summary (Enclosure 1) for your use. The summary contains OFFICIAL USE ONLY information.

Docket: 70-7004

Enclosures: 1. ACP ISA On-site Review Summary  
2. ISA Methodology Flowchart and Table

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	Rod Krich/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.	Roger Suppes/Ohio DoH
Billy Spencer/Mayor of Piketon	Vina Colley/PRESS	Donald Silverman/Morgan Lewis
Harry Rioer/Pike Co. Comm	Larry Scaggs/Seal Twp.Trust.	Mary Glasgow/Cong.Schmidt
Robert Huff/Portsmouth CoC	Ted Wheeler/Pike Co. Aud.	Marvin Jones/Chillicothe CoC
Kara Willis/Gov. Taft's Reg. 7	Ewan Todd/PRESS	Joyce Weeth/Pike Co. Recorder
Carrie Mytinger/Cong. Ney	Dwight Massie/Pike CoC	Blaine Beakman/Pike CoC
MarJean Kennedy/Gov. Taft's Reg. Off.		

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USEC Website: Memo and all attachments

**ML052580210 (Package)**

OFC	SPB	E	SPB	E	OGC		SPB		SPB		SPB	
NAME	ISpivack:bkh1		LMarshall		LClark		RWescott		YFaraz		BSmith	
DATE	9/15 /05		9/28/05		10/4/05		9/21/05		9/16/05		10/6/05	

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