

**Official Use Only-DOE/NOFORN**

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August 25, 2006

MEMORANDUM TO: Joseph G. Giitter, 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  
Division of Fuel Cycle Safety  
and Safeguards

FROM: Stan Echols **/RA/**  
Project Manager  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards

SUBJECT: AUGUST 22, 2006, TELEPHONE CONFERENCE SUMMARY:  
ELECTRICAL AND INSTRUMENTATION & CONTROL

On August 22, 2006, the U.S. Nuclear Regulatory Commission (NRC) staff participated in a telephone conference with staff from USEC Inc. (USEC) to discuss electrical and instrumentation & control issues related to its application for a gas centrifuge uranium enrichment facility proposed to be constructed and operated in Piketon, Ohio. I am attaching the telephone conference summary and the referenced correspondence for your use.

Enclosure 2 contains Official Use Only-DOE/NOFORN information.

Enclosures:

1. NRC/USEC Telephone Conference Summary - Clarifying Information on Electrical and Instrumentation & Control
2. NRC Correspondence - August 22, 2006

Docket: 70-7004

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cc: (Cover Memo and Enclosure 1 ONLY)

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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USEC Website: Cover Memo and Enclosure 1 ONLY

**ML062370165****\*\*see previous concurrence**

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<b>NAME</b>	SEchols**		FBurrows**		RWray**		MBupp		BSmith	
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**USEC/NRC Telephone Conference Summary -  
Clarifying Information on Electrical and Instrumentation & Control**

Date: August 22, 2006

Call Participants:	NRC:	USEC:
	I. Spivack	D. Couser
	S. Echol	
	F. Burrows	

On August 22, 2006, the U.S. Nuclear Regulatory Commission (NRC) staff participated in a teleconference call with USEC Inc. (USEC) to discuss additional information requested by the NRC staff concerning electrical and instrumentation & control (E, I&C) portions of the USEC American Centrifuge Plant (ACP) Integrated Safety Analysis (ISA) Summary.

The focus of the teleconference was a request from NRC staff to add clarifying language to the ACP ISA Summary. On August 22, 2006, the NRC provided USEC one comment related to E, I&C (see Enclosure 2). The teleconference was requested to discuss any clarifications that were needed.

During the call, it was determined that USEC would add additional language in Sections 7.3.3.4 of the ISA Summary. Some of the language to be added was slightly modified from that found in Enclosure 2.

ENCLOSURE 1

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