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August 16, 2006

MEMORANDUM TO: Joseph G. Giitter, Chief
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards

THRU: Brian W. Smith, Chief
Gas Centrifuge Facility Licensing Section **IRAI**
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards

FROM: James R. Downs
Fire Protection Engineer
Gas Centrifuge Facility Licensing Section
Special Projects Branch
Division of Fuel Cycle Safety
and Safeguards

SUBJECT: AUGUST 4, 2006, TELEPHONE CONFERENCE SUMMARY:
ELECTRICAL AND INSTRUMENTATION & CONTROL

On August 4, 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 information.

Enclosures:

1. NRC/USEC Telephone Conference Summary - Clarifying Information on Electrical and Instrumentation & Control
2. NRC Correspondence - August 3, 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

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OFC	GCFLS		TSS		TSS		OGC		GCFLS	
NAME	JDowns		FBurrows		RWray		MBupp		BSmith	
DATE	08/ 15 /06		08/ 15 /06		08/ 15 /06		08/ 15 /06		08/ 16 /06	

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**USEC/NRC Telephone Conference Summary -
Clarifying Information on Electrical and Instrumentation & Control**

Date: August 4, 2006

Call Participants:	NRC:	USEC:
	B. Smith	D. Couser
	D. Morey	J. Bednarczyk
	F. Burrows	D. Godfrey
	R. Shaffer	R. Craycraft
	M. Bupp	G. Pyzik
	J. Downs	G. Corzine

On August 4, 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) license application (LA).

The focus of the teleconference was a request from NRC staff to add clarifying language to the ACP LA. On August 3, 2006, the NRC provided USEC seven comments 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 1.4, 2.6.7, and/or 2.6.10 of the LA to satisfy comments #1, 2, 3, 5, 6, and 7. USEC will accomplish this through various page revisions to the LA. Some of the language to be added was slightly modified from that found in Enclosure 2. It was agreed that comment #4 should be disregarded since it was covered in a previously accepted code. For comment #7, USEC stated they would follow option 1. As the call ended, the NRC staff noted these modifications would conclude the review of the E, I&C portions of the LA.

ENCLOSURE 1

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