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August 15, 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 **/RA/**  
Special Projects Branch, FCSS

FROM: James R. Downs  
Fire Protection Engineer  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch, FCSS

SUBJECT: AUGUST 1, 2006, TELEPHONE CONFERENCE SUMMARY:  
ELECTRICAL INSTRUMENTATION AND CONTROL

On August 1, 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.

Enclosure 1: NRC/USEC Telephone Conference Summary - Clarifying Information on  
Electrical Instrumentation & Control

Enclosure 2: NRC Correspondence - July 25, 2006

Docket: 70-7003 and 70-7004

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 Bower/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

**ML062160037**

**\*\*see previous concurrence**

<b>OFC</b>	GCFLS	TSG	GCFLS	OGC	GCFLS
<b>NAME</b>	JDowns**	FBurrows**	LWilliamson**	LClark	BSmith
<b>DATE</b>	08/ 04 /06	08/ 04 /06	08/ 04 /06	08/ 07 /06	08/ 15 /06

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

Date: August 1, 2006

Call Participants:	NRC:	USEC:
	B. Smith	D. Couser
	D. Morey	R. Halverson
	F. Burrows	G. Pyzik
	R. Shaffer	G. Corzine
	L. Clark	
	M. Bupp	
	J. Downs	

On August 1, 2006, the U.S. Nuclear Regulatory Commission (NRC) staff participated in a teleconference call with USEC Inc. (USEC) to discuss clarifying information requested by the NRC staff concerning electrical and instrumentation & control portions of the USEC American Centrifuge Plant (ACP) license application (LA).

The focus of the teleconference was a request from NRC staff for USEC to include additional language in the ACP LA. On July 25, 2006, the NRC provided USEC the requested language which originated in USEC's request for additional information responses (see attachment). USEC responded to that request in a July 31, 2006, letter (AET 06-0090). The teleconference was requested to review the response and discuss any clarifications that were needed.

During the call, it was determined that USEC would add additional language to the responses to question 1 (Section 1.4.8 of the LA) and question 3 (Section 2.6.4 of the LA). USEC will accomplish this through various page revisions to the LA. For the remaining questions, the NRC staff understood USEC's response, but stated they will need to further evaluate the response before any sort of acceptance could be given. As the call ended, the NRC staff noted that additional information on the electrical and instrumentation & control portions of the LA may be needed before their review can be concluded.

ENCLOSURE 1

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