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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 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

ML062160037****see previous concurrence**

| OFC | GCFLS | | TSG | | GCFLS | | OGC | | GCFLS | |
|------|------------|--|------------|--|---------------|--|------------|--|------------|--|
| NAME | JDowns** | | FBurrows** | | LWilliamson** | | LClark | | BSmith | |
| DATE | 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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