

September 28, 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 H. Faraz **/RA/**
Senior Project Manager
Gas Centrifuge Facility Licensing Section
Special Projects Branch, FCSS

SUBJECT: SEPTEMBER 14, 2005, MEETING SUMMARY:
USEC INC. NUCLEAR CRITICALITY SAFETY MEETING

On September 14, 2005, U.S. Nuclear Regulatory Commission (NRC) staff met with staff from USEC Inc. to discuss open criticality code validation issues related to USEC Inc.'s application for a gas centrifuge uranium enrichment facility proposed to be constructed and operated in Piketon, Ohio. I am attaching the meeting summary for your use. This summary contains Official Use Only information.

Docket: 70-7004

Enclosure 1: NRC/USEC Inc. Nuclear Criticality Safety Meeting Summary
Enclosure 2: Attendee list

cc: (Cover Memo 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 | 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 County Aud. | Marvin Jones/Chillicothe CoC |
| Kara Willis/Gov. Taft's Reg. 7 | Ewan Todd/PRESS | Dan Horner/McGraw Hill |

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 H. Faraz /RA/
Senior Project Manager
Gas Centrifuge Facility Licensing Section
Special Projects Branch, FCSS

SUBJECT: SEPTEMBER 14, 2005, MEETING SUMMARY:
USEC INC. NUCLEAR CRITICALITY SAFETY MEETING

On September 14, 2005, U.S. Nuclear Regulatory Commission (NRC) staff met with staff from USEC Inc. to discuss open criticality code validation issues related to USEC Inc.'s application for a gas centrifuge uranium enrichment facility proposed to be constructed and operated in Piketon, Ohio. I am attaching the meeting summary for your use. This summary contains Official Use Only information.

Docket: 70-7004
Enclosure 1: NRC/USEC Inc. Nuclear Criticality Safety Meeting Summary
Enclosure 2: Attendee list
cc: (Cover Memo 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 | 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 County Aud. | Marvin Jones/Chillicothe CoC |
| Kara Willis/Gov. Taft's Reg. 7 | Ewan Todd/PRESS | Dan Horner/McGraw Hill |

DISTRIBUTION

| | | | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|----------------|
| FCSS r/f | SPBr/f | NMSS r/f | Hearing file | | |
| JStrosnider,NMSS | MFederline,NMSS | RPierson, FCSS | JGitter, FCSS | TPham, NSIR | JBongarra, NRR |
| TJohnson, SPB | WTroskoski, SPB | DAyers,RII | RUleck, NRR | DSeymour,RII | AFrazier, NSIR |
| SEchols, SPB | LTrocine, OE | JHenson, RII | RVirgilio,OSP | NGarcia, SPB | LRakovan,EDO |
| RTrojanowski, RII | SCross, NSIR | DBrown,DWM | JDavis,DWM | LSilvious,NSIR | RHannah,RII |
| SFlanders, DWM | WBrach, SFPO | MBlevins, DWM | SBrock, OGC | DMcIntyre,OPA | BMoran, NSIR |
| RWescott, SPB | CTripp,TSG | TFrederichs,DWM | MGalloway, TSG | FBurrows, TSG | BThomas,SFPO |
| KEverly, NSIR | HGraves, RES | RShaffer, RES | VGoel, NRR | JYerokon, RES | OBukharin,NSIR |
| BSmith, OGC | TCombs, OCA | SGagner, OPA | PBrochman, NSIR | MLamastra, FCSS | MBurrell, OE |

USEC Website: Memo and all attachments

ML052710032 (Package)

| | | | | |
|-------------|----------|-----------|----------|----------|
| OFC | GCFLS | GCFLS | OGC | GCFLS |
| NAME | YFaraz | LMarshall | LClark | BSmith |
| DATE | 09/27/05 | 09/27/05 | 09/28/05 | 09/28/05 |