

November 28, 2005

MEMORANDUM TO: B. Jennifer Davis, Section Chief
Environmental Review Section
Division of Waste Management
and Environmental Protection
Office of Nuclear Material Safety
and Safeguards

FROM: Matthew Blevins, Senior Project Manager /**RA**/
Environmental Review Section
Division of Waste Management
and Environmental Protection
Office of Nuclear Material Safety
and Safeguards

SUBJECT: AUGUST 2, 2005, TELEPHONE SUMMARY: USEC INC.
CLARIFICATION TO REQUESTS FOR ADDITIONAL INFORMATION
ON ENVIRONMENTAL REPORT

On August 2, 2005, staff from the U.S. Nuclear Regulatory Commission (NRC) and its technical assistance contractors, ICF Consulting and Trinity Engineering and Associates held a telephone conference call with staff from USEC Inc. (USEC) to obtain clarification on several USEC responses to NRC's February 23, 2005, "Request for Additional Information on the USEC Inc. Proposed American Centrifuge Plant Environmental Report." This summary contains no proprietary or sensitive information.

CONTACT: Matthew Blevins, NMSS/DWMEP
(301) 415-7684

Docket: 70-7004

Enclosure: Telephone Summary for Environmental Review

cc: USEC Service List

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DATE	11/28/05		11/28/05	

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USEC Service List

cc:

William Szymanski
U.S. Department of Energy
1000 Independence Ave, SW
Washington, DC 20585

Michael Marriotte
Nuclear Information and Resource Service
1424 16th St., NW
Washington, DC 20036

The Honorable Robert Ney
Congressman
c/o Carrie Mytinger
51 E Second Street
Chillicothe, OH 45601

The Honorable George V. Voinovich
United States Senator
524 Hart Senate Office Building
Washington, DC 20510

Mr. Marvin Jones
President and CEO
Chillicothe Chamber of Commerce
165 South Paint Street
Chillicothe, OH 45601

The Honorable Mike DeWine
United States Senator
140 Russell Senate Office Building
Washington, DC 20410

The Honorable Bob Taft
Governor of Ohio
77 South High Street
30th Floor
Columbus, Ohio 43215-6117

Ms. Mary Glasgow
601 Chillicothe Street
Portsmouth, Ohio 45662

Mr. Teddy L. Wheeler
Pike County Auditor
Pike County Government Center
230 Waverly Plaza, Suite 200
Waverly, Ohio 45690-1289

Mr. Harry Rioer
Pike County Commissioner
230 Waverly Plaza, Suite 1000
Waverly, Ohio 45690

Mr. Larry E. Scaggs
Township Trustee
230 Waverly Plaza, Suite 1000
Waverly, Ohio 45690

Kara Willis
16 North Paint St., Suite 102
Chillicothe, Ohio 45601

Jim Brushart
Pike County Commission Chair
230 Waverly Plaza Suite 1000
Waverly, Ohio 45690

Mr. David Bowe
ATTN: Mail Stop 4025
P.O. Box 628
Piketon, OH 45661

Mr. Blaine Beekman
Executive Director
Pike County Chamber of Commerce
12455 State Route 104
Waverly, OH 45690

Billy Spencer
Mayor of Piketon
P. O. Box 547
Piketon, Ohio 45661

Rocky Brown, Mayor of Beaver
7677 State sr335
Beaver, Ohio 45613

Mr. Geoffrey Sea
The Barnes Home
1832 Wakefield Mound Road
Piketon, OH 45661

Ms. Vina K. Colley, President PRESS
3706 McDermott Pond Creek
McDermott, Ohio 45652

Mr. Peter J. Miner, Licensing Manager
USEC, Inc.
6903 Rockledge Drive
Bethesda, MD 20817

Mr. Randall De Vault
U.S. Department of Energy
P.O. Box 2001
Oak Ridge, TN 37831

Mr. Dan Minter
Southern Ohio Development Initiative
P.O. Box 467
Piketon, OH 45661

Mr. James R. Curtiss
Winston & Strawn,
1700 K Street, NW
Washington, DC. 20006

Mr. Teddy West
2170 Wakefield Mound Road
Piketon, OH 45661

Ms. Carol O'Claire, Supervisor
Radiological Branch
Ohio Emergency Management Agency
2855 West Dublin-Granville Road
Columbus, OH 43235-2206

Mr. Rod Krich, Vice President
Licensing Projects
Exelon Generation Co.
4300 Winfield Road
Warrenville, IL 60555

Mr. Lindsay A. Lovejoy, Jr.
Nuclear Information and Resource Service
618 Paseo de Peralta, Unit B
Santa Fe, NM 87501

Mr. Robert Huff, President and CEO
Portsmouth Area Chamber of Commerce
324 Chillicothe St.
P.O. Box 509
Portsmouth, OH 45662

Roger L. Suppes
Chief, Bureau of Radiation Protection
Ohio Dept. Of Health
35 East Chestnut Street
Columbus, OH 43266

Donald J. Silverman
Morgan, Lewis and Bockius
1111 Pennsylvania Ave, NW
Washington D.C. 20004

Ewan Todd
403 E. Oakland Avenue
Columbus, OH 43202

Ms. MarJean Kennedy
Regional Representative
Governor's Office
of Economic Development
15 N. Paint St., Suite 102
Chillicothe, OH 45601

Ms. Joyce Leeth
Pike County Recorder
230 Waverly Plaza, Suite 500
Waverly, OH 45690

Mr. Dwight Massie
c/o The First National Bank
P.O. Box 147
Waverly, OH 45690-0147

Mr. Marvin Jones
President and CEO
Chillicothe Chamber of Commerce
165 South Paint Street
Chillicothe, OH 45601

TELEPHONE SUMMARY
Clarifications to USEC Inc. Responses
to Environmental Review RAIs

Date and Time: August 2, 2005; 1:30 PM

Call Participants:

U.S. Nuclear Regulatory Commission: M. Blevins

ICF Inc.: S. Wyngarden D. Hammer

Trinity Engineering: D. Steunkel R. Wood

USEC Inc.: P. Miner K. Coriell G. Goslow G. Corzine
J. Thompson G. Pyzik D. Couser

Purpose: To obtain clarification to USEC's proprietary request for additional information (RAI) responses submitted on July 29, 2005 regarding enrichment of product to 10-weight percent uranium-235. During the conference call, clarification to RAI responses were discussed as summarized below.

RAI Discussion Summary:

- NRC requested updated information on Section 4.2.3.2.1.2 "Enriched Uranium Product" and Tables 4.2.3.2-2 based on currently applicable shipping regulations. USEC responded that it was not economically feasible to ship in the currently approved smaller cylinders and had no plans to ship 10-weight percent product in these smaller cylinders. USEC further indicated that shipping in larger containers would be the most likely scenario and noted that they would pursue the appropriate regulatory approval prior to shipping.
- NRC requested clarification on the dose rates as provided in Table 4.2.3.2-7 for 10-weight percent product cylinders. USEC indicated they would check the calculation and provide an update as appropriate.
- NRC requested clarification of the maximum Curie content in Tables 4.2.3.2-2 (specifically the U-238 content). USEC indicated they would check the calculation and provide an update as appropriate.