

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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<b>OFC</b>	DWMEP:PM		OGC	
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<b>DATE</b>	11/28/05		11/28/05	

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**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.