

August 25, 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: JULY 15, 2005, AND JULY 27, 2005, TELEPHONE SUMMARIES: USEC
INC. CLARIFICATION TO REQUESTS FOR ADDITIONAL
INFORMATION ON ENVIRONMENTAL REPORT

On July 15, 2005, and July 27, 2005, staff from the U.S. Nuclear Regulatory Commission (NRC) and its technical assistance contractor, ICF Consulting held telephone conference calls 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 (ACP) Environmental Report."

Docket: 70-7004

Attachment: Telephone Summary for Environmental Review

cc: See attached list

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OFC	DWMEP:PM		OGC	
NAME	MBlevins		MZobler	
DATE	07/21/05		08/09/05	

OFFICIAL RECORD COPY

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TELEPHONE SUMMARY
Clarifications to USEC Inc. Responses
to Environmental Review RAI's

Date and Time: July 15, 2005; 10:00 AM

Call Participants:

U.S. Nuclear Regulatory Commission:	M. Blevins
S. Echols	S. Brock
ICF Inc.:	T. Stribley
S. Wyngarden	
D. Hammer	
USEC Inc.:	G. Goslow
K. Coriell	M. Scott
G. Fout	

Purpose:

To obtain clarification to USEC's RAI responses and revised Environmental Report concerning the enrichment of uranium-235 up to 10-weight percent. During the conference call, clarification to RAI's were requested as summarized below.

RAI Discussion Summary:

- NRC requested information on "Radiological Air Quality" and "Human Health Impacts" in Sections 4.6.3.2 and 4.12.3.2 of the USEC Environmental Report. Specifically air emissions in Table 4.6.3.2-1 and Table 4.12.3.2.1-1 will need to be updated to reflect enrichment up to 10-weight percent uranium-235.
- NRC requested information on transportation of "Enriched Uranium Product" in Section 4.2.3.2.1.2 of the USEC Environmental Report. Specific information requested relative to 10-weight percent product included quantities and isotopic concentration, containers and overpacks to be used for shipping, external dose rates in the vehicle cab or outside the container, destination, and number of shipments.
- NRC requested information on "Tails to be Produced" in Section 4.13.3.4 of the USEC Environmental Report. Specifically, the mass of tails to be produced while operating at the 10-weight percent enrichment level was requested with a comparison to the mass produced at the 5-weight percent enrichment level
- USEC stated that the current Environmental Report presents the most likely impacts from operation of the ACP (i.e., enrichment to 5-weight percent). USEC indicated that while it didn't currently have any customers for uranium-235 enriched up to 10-weight percent, it did wish to maintain flexibility to meet potential future demand.

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

Date and Time: July 27, 2005; 9:00 AM

Call Participants:

U.S. Nuclear Regulatory Commission: M. Blevins R. Linton

ICF Inc.: S. Wyngarden D. Hammer

USEC Inc.: P. Miner G. Goslow R. Halvorsen
 G. Fout D. Couser G. Corzine

Purpose:

To discuss USEC's response to clarifications NRC staff had requested in a July 15, 2005 conference call.

RAI Discussion Summary:

- USEC stated it would update the Environmental Report and provide the information requested in the July 15, 2005 conference call in a written submittal.