



October 26, 2007
AET 07-0068

Mr. Michael F. Weber
Director, Office of Nuclear Material Safety and Safeguards
Attention: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Plant
Docket Number 70-7004; License Number SNM-2011
Submittal of Information Concerning Radiological Characterization Results for the
American Centrifuge Plant**

Dear Mr. Weber:

In Reference 1, USEC Inc. (USEC) provided a status regarding radiological characterization survey results for the various portions of the X-7725 Recycle/Assembly Facility for the American Centrifuge Plant (ACP). In the letter, USEC noted that fixed contamination was present in Areas 2, 3, 4, 5, 11, 12, 13, 14, 15, and 16 of the X-7725 facility. In addition, the fourth floor air handling/mechanical room (designated as Room 488 and discussed within Reference 2) was surveyed as part of Area 16. Accordingly, USEC initiated a project to remediate the contamination. The contaminated items within the areas listed were removed and a radiological survey of each contaminated area was conducted to verify successful removal of the contamination. The debris generated during the project was contained and removed from the X-7725 facility in accordance with Radiation Protection and Waste Management program requirements. In addition, the immediate surrounding area was surveyed to confirm the contamination was contained and not released during the project. Surveys revealed no fixed contamination on the floors and fixtures where these contaminated items were located. All survey reading levels are less than the Free Release criteria stated in Section 4.8.2.4 of the License Application for the ACP.

The remaining areas (identified in Reference 1) are in the process of being remediated, but are not complete at this time.

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This submittal is being provided for information purposes only and no action is requested. If you have any questions regarding this matter, please contact me at (301) 564-3470.

Sincerely,



Peter J. Miner
Director, Regulatory and Quality Assurance

cc: R. DeVault, DOE-ORO
S. Echols, NRC HQ
M. Heiskell, DOE-ORO
J. Henson, NRC Region II
J.T. Howell, DOE-ORO
B. Smith, NRC HQ

References:

1. USEC letter AET 07-0050 to M.F. Weber (NRC) from P.J. Miner regarding Submittal of Information Concerning Radiological Characterization Results for the American Centrifuge Plant- USEC Proprietary Information and Export Controlled Information, dated August 2, 2007.
2. USEC letter AET 07-0035 to M.F. Weber (NRC) from P.J. Miner regarding Submittal of Information Concerning Radiological Characterization Results for the American Centrifuge Plant, dated May 30, 2007.