

April 15, 2011

Mr. Peter J. Miner, Director
Regulatory Affairs and Quality Assurance
USEC Inc.
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: REVIEW OF SUMMARY OF CHANGES FOR CALENDAR YEAR 2010 -
AMERICAN CENTRIFUGE PLANT AND LEAD CASCADE FACILITY
(TECHNICAL ASSISTANCE CONTROL NUMBER L33087)

Dear Mr. Miner:

We have performed a review of your "Annual Summary Report of Facility Changes for Calendar Year (CY) 2010" - dated January 13, 2011 (AET 11-0002). Based on this review, we have determined that additional information is required on specific changes made during CY 2010 to verify the requirements of Title 10 of the *Code of Federal Regulations* 10 CFR 70.72 (c) were met. The following titles identify the facility changes that we have selected to review in detail:

	FCE 09-0136 Revision 1	Revision to the Decommissioning Funding Plan for the American Centrifuge Lead Cascade Facility (NR-2605-0004)
	FCE 09-0357 Revision 0 PCE 09-0279 Revision 0	Upgrade the Public Warning Siren System
Tip	FCE 10-0006 Revision 0	Lower Suspension and Drive Assembly's Received with Indication Dispositioned "Use-As-Is"
	FCE 10-0018 Revision 0	Revision to Procedure AC4-OP-016, Feed Cart Operation
	FCE 10-0045 Revision 0	New Test Plan TP-2201-0029, Lead Cascade Manual Operation of GAP Motor on a Running Centrifuge Machine Using Data Acquisition System Console
	FCE 10-0078 Revision 0 PCE 10-0044 Revision 0	Supplemental Heat and Use of Portable Electric Heaters in the Lead Cascade Facility and American Centrifuge Plant Facilities
	FCE 10-0080 Revision 0 PCE 10-0052 Revision 0	Inclusion of the Uranium Disposition Services (UDS) Depleted Uranium Hexafluoride (DUF ₆) Facility in the Portsmouth Gaseous Diffusion Plant Emergency Plan
	FCE 10-0099 Revision 0	American National Standards Institute N14.1 Exceptions
	FCE 10-0105 Revision 0	Update for DUF ₆ Conversion Facility Operation

PCE 10-0058 Revision 0	
FCE 10-0131 Revision 0	New Test Plan TP-2201-0034, LC3 PCV and Flow Meter Test
FCE 10-0140 Revision 0 PCE 10-0083	Revision to Procedure ACD2-RG-001, Change Evaluation
FCE 10-0148 Revision 0	Revision to Procedure AC3-ST-001, LC1 Machine Isolation Switches Calibration
FCE 10-0156 Revision 0	Revise the Items Relied On For Safety Attribute Statement Regarding the Battery Room Ventilation System Design Capability for Maintaining Hydrogen Concentration
FCE 10-0166 Revision 0	Revision to Test Plan TP-2101-0040, Diffusion Pump Characterization
FCE 10-0173 Revision 0	Revision to Procedure AC4-AR-010, LC3 Machine Alarms And Responses
FCE 10-0180 Revision 0 PCE 10-0094 Revision 0	New Procedure ACD2-OP-002, Use of Portable Electric Heaters
FCE 10-0230 Revision 0	Revision to Procedure AC4-OP-012, Operation of the Lead Cascade Auxiliary Standby Generator (ASG)
FCE 10-0238 Revision 0 PCE 10-0115 Revision 0	Revision to Procedure XP2-EP-EP5032, Severe Weather Response
FCE 10-0248 Revision 0 PCE 10-0121 Revision 0	Restore Fuel Tank Monitoring Capabilities Throughout American Centrifuge Plant Facilities
FCE 10-0278 Revision 0	Revision to Cascade Settings Document OA-CS-LC3-10-003, Lead Cascade 3 Cascade Operating Parameters (U)
FCE 10-0304 Revision 0	Revision to Procedure AC2-FO-001, Conduct of Operations
FCE 10-0339 Revision 0	Revision to Procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure
FCE 10-0375 Revision 0	New Test Plan TP-2101-0041, Heat Lamp Testing on an Empty Model 12B Cylinder;

For each change listed above, please provide the following:

- (1) the facility change package - which should detail the evaluation performed in accordance with 10 CFR 70.72 (a);
- (2) any other explanation on how the individual requirements of 10 CFR 70.72 (c) were satisfied for each change performed; and
- (3) all related revisions to the requested change.

This information should be provided within 15 days from the date of this letter.

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be available electronically from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, concerning this request for additional information, please contact me at (301) 492-3117, or via e-mail to Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Osiris Siurano, Project Manager
Uranium Enrichment Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 70-7003, 70-7004
License Nos. SNM-7003, SNM-2011

cc: Mr. Terry Sensue, USEC

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If you have any questions, concerning this request for additional information, please contact me at (301) 492-3117, or via e-mail to Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Osiris Siurano, Project Manager
 Uranium Enrichment Branch
 Division of Fuel Cycle Safety
 and Safeguards
 Office of Nuclear Material Safety
 and Safeguards

Docket Nos. 70-7003, 70-7004
 License Nos. SNM-7003, SNM-2011

cc: Mr. Terry Sensue, USEC

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