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Designated Original

November 15, 2005
AET 05-0092

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

American Centrifuge Lead Cascade Facility
Docket Number 70-7003
Submittal of Description of Changes for the Fundamental Nuclear Material Control Plan and Security Program for the American Centrifuge Lead Cascade Facility

Dear Mr. Strosnider:

In accordance with 10 *Code of Federal Regulations* 70.32(c)(2)(ii) and 70.32(e), respectively, USEC Inc. hereby submits to the U.S. Nuclear Regulatory Commission a description of changes to the Fundamental Nuclear Material Control Plan and Security Program for the American Centrifuge Lead Cascade Facility as Enclosure 1 of this letter.

If you have any questions regarding this matter, please contact Peter J. Miner at 301-564-3470.

Sincerely,

Steven A. Toelle
Director, Nuclear Regulatory Affairs

cc: K. Everly, NRC HQ
Y. Faraz, NRC HQ
J. Henson, NRC Region II
B. Smith, NRC HQ

Enclosure: As Stated

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Enclosure 1 of AET 05-0092

Description of Changes

(Non-Proprietary Information)

Enclosure 1 to AET 05-0092

Description of Changes to the Fundamental Nuclear Material Control Plan and the Security Program for the American Centrifuge Lead Cascade Facility

Facility Change Evaluation Number/ Revision Number	Description of Change	Affected Plan
FCE 04-0118/R0	Revision to the Lead Cascade boundary to encompass the revised sublease agreement between the United Sates Enrichment Corporation and USEC Inc.	NR-2605-0002 Security Program
FCE 05-0167/R0	Administrative changes to the control of nuclear materials that minimizes measurement uncertainties associated with attempts to measure the materials in-place.	NR-2605-0003 Fundamental Nuclear Materials Control Plan
FCE 05-0014/R0	Lead Cascade Security Access Control and Alarm System Upgrades	NR-2605-0002 Security Program
FCE 05-0177/R0 and R1	Revision to include the Lead Cascade Security Access Control and Alarm System Upgrades	NR-2605-0002 Security Program
FCE 05-0251/R0	Addition of detailed information for the Intrusion Alarm System	NR-2605-0002 Security Program