



February 8, 2006  
AET 06-0021

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 Plant  
Docket Number 70-7004  
Submittal of Additional Information for the American Centrifuge Plant (TAC Nos. L32306,  
L32307, and L32308) – Proprietary Information**

**INFORMATION TRANSMITTED HERewith IS PROTECTED FROM PUBLIC  
DISCLOSURE AS CONFIDENTIAL COMMERCIAL OR FINANCIAL INFORMATION  
AND/OR TRADE SECRETS PURSUANT TO 10 CFR 2.390 AND 9.17(a)(4)**

Dear Mr. Strosnider:

Pursuant to a request from the U.S. Nuclear Regulatory Commission staff, USEC Inc. hereby submits planned changes for Chapter 1.0 of the License Application for the American Centrifuge Plant related to a license condition request for the Security Program as Enclosure 1 of this letter. Enclosure 2 provides the planned changed pages for the Security Program. These planned changes will be finalized and submitted to the NRC in the next revision of the license application and supporting documents.

Enclosure 2 contains USEC Proprietary Information and USEC requests that this enclosure be withheld from public disclosure pursuant to 10 *Code of Federal Regulations* (CFR) 2.390(d)(1). If you have any questions regarding this matter, please contact Peter J. Miner at (301) 564-3470.

Sincerely,

Steven A. Toelle  
Director, Regulatory Affairs

cc: K. Everly, NRC HQ  
Y. Faraz, NRC HQ  
B. Smith, NRC HQ

Enclosures: As Stated

Distribution:

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**Enclosure 1 of AET 06-0021**

**Planned Changes to the License Application for the American Centrifuge Plant**

The following Special Authorization has been identified in this license application:

- Surface Contamination Release Levels for Unrestricted Use – Items may be released for unrestricted use if the surface contamination is less than the levels listed in Table 4.6-1.

### 1.2.6 Security of Classified Information

USEC is required by 10 CFR 70.22(m) to submit, as part of its application for a license for the ACP, a plan describing the plant's proposed security procedures and controls, as set forth in 10 CFR Part 95, for the protection of classified matter. USEC satisfies the 10 CFR 70.22(m) requirements by submittal of the Security Plan for the Protection of Classified Matter as Chapter 2 of the Security Program for the American Centrifuge Plant. The Security Program is being submitted for NRC review along with this license application. In accordance with 10 CFR Part 95.15(b), USEC will submit, at least 60 days prior to operation of the ACP, an application for the transfer of Facility Clearance from DOE to the NRC.

The specific design of the intrusion detection and alarm system is not yet complete. The license should be conditioned as follows: USEC's design of the intrusion detection and alarm system will require that the Security Program be updated, as appropriate, consistent with Section 8.1 of 10 CFR Part 95 *Format and Content Guide*. Upon completion of the design, USEC shall provide the Commission with at least 120 days advance notice of its plan to introduce classified matter in the American Centrifuge Plant, the final design for the intrusion detection and alarm system, and the updated Security Program for review and approval.

### 1.2.7 Security of Special Nuclear Material of Low Strategic Significance

Pursuant to 10 CFR 70.22(k) USEC is submitting, as part of its application for a license for the ACP, a plan describing the measures used to protect Special Nuclear Material of Low Strategic Significance that USEC uses, possesses, or has access to at the plant. USEC satisfies the 10 CFR 70.22(k) requirement by submittal of the Physical Security Plan for the Protection of Special Nuclear Material of Low Strategic Significance as Chapter 1 of the Security Program for the American Centrifuge Plant. The Security Program is being submitted for NRC review along with this license application.

The specific design of the intrusion detection and alarm system is not yet complete. The license should be conditioned as follows: USEC's design of the intrusion detection and alarm system will require that the Security Program be updated, as appropriate, consistent with Section 8.1 of 10 CFR Part 95 *Format and Content Guide*. Upon completion of the design, USEC shall provide the Commission with at least 120 days advance notice of its plan to introduce special nuclear material in the American Centrifuge Plant, the final design for the intrusion detection and alarm system, and the updated Security Program for review and approval.

Information contained within  
does not contain  
Export Controlled Information

Reviewer: G. Peed  
Date: 02/07/06

**Enclosure 2 of AET 06-0021**

**Planned Changes to the Security Program for the American Centrifuge Plant**

**(USEC Proprietary Information withheld pursuant to 10 CFR 2.390(d)(1))**