



August 31, 2006  
AET 06-0096

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 Changed Pages for the License Application and Supporting Documents for the  
American Centrifuge Plant (TAC Nos. L32306, L32307, and L32308)**

Dear Mr. Strosnider:

Pursuant to a discussion held with the U.S. Nuclear Regulatory Commission (NRC) staff on August 29, 2006, USEC Inc. hereby submits changed pages for the License Application (Revision 17) as Enclosure 1 of this letter. Revision bars in the right hand margin depict changes from the previous revision submitted to the NRC.

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: S. Echols, NRC HQ (Controlled Copies – NRC-01 through NRC-06)  
B. Smith, NRC HQ

Enclosure: As Stated

4mss01

**Enclosure 1 of AET 06-0096**

**Changed Pages for the License Application for the American Centrifuge Plant**

**Remove and Insert Instructions**  
**Enclosure 1 of AET 06-0096**

<b>Remove and Properly Destroy</b>	<b>Insert</b>
<b>LA-3605-0001, License Application for the American Centrifuge Plant</b>	
Cover Page – Revision 16	Cover Page – Revision 17
Inside Cover Page – Revision 16	Inside Cover Page – Revision 17
ULOEP-1 through ULOEP-6	ULOEP-1 through ULOEP-6
Chapter 1.0 – pages 1-113/1-114	Chapter 1.0 – pages 1-113/1-114

# **License Application**

## **for the American Centrifuge Plant**

**in Piketon, Ohio**



Revision 17

Docket No. 70-7004

August 2006

Information contained within  
does not contain  
Export Controlled Information

Reviewer: G. Peed  
Date: 08/30/06

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**LA-3605-0001**

**LICENSE APPLICATION**  
**for the American Centrifuge Plant**  
**in Piketon, Ohio**

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**UPDATED LIST OF EFFECTIVE PAGES**

Revision 0 – 10 CFR 1045 review completed by L. Sparks on 07/29/04 and the Export Controlled Information review completed by R. Coriell on 07/30/04.

Revision 1 – 10 CFR 1045 review completed by L. Sparks on 03/04/05 and the Export Controlled Information review completed by R. Coriell on 03/10/05.

Revision 2 – 10 CFR 1045 review completed by J. Weidner on 04/29/05 and the Export Controlled Information review completed by R. Coriell on 04/29/05.

Revision 3 – 10 CFR 1045 review completed by J. Weidner on 05/23/05 and the Export Controlled Information review completed by R. Coriell on 05/23/05.

Revision 4 – 10 CFR 1045 review completed by R. Coriell on 06/16/05 and the Export Controlled Information review completed by D. Hupp on 06/16/05.

Revision 5 – 10 CFR 1045 review completed by J. Weidner on 06/21/05 and the Export Controlled Information review completed by D. Hupp on 06/21/05.

Revision 6 – 10 CFR 1045 review completed by J. Weidner on 08/30/05 and the Export Controlled Information review completed by D. Hupp on 08/30/05.

Revision 7 – 10 CFR 1045 review completed by J. Weidner on 09/02/05 and the Export Controlled Information review completed by R. Coriell on 09/02/05.

Revision 8 – 10 CFR 1045 review completed by J. Weidner on 09/27/05 and the Export Controlled Information review completed by D. Hupp on 09/13/05.

Revision 9 – 10 CFR 1045 review completed by J. Weidner on 10/05/05 and the Export Controlled Information review completed by D. Hupp on 10/05/05.

Revision 10 – 10 CFR 1045 review completed by J. Weidner on 11/04/05 and the Export Controlled Information review completed by D. Hupp on 11/04/05.

Revision 11 – 10 CFR 1045 review completed by J. Weidner on 11/17/05 and the Export Controlled Information review completed by D. Hupp on 11/14/05.

Revision 12 – 10 CFR 1045 review completed by J. Weidner on 11/28/05 and the Export Controlled Information review completed by D. Hupp on 11/22/05.

Revision 13 – 10 CFR 1045 review completed by J. Weidner on 12/02/05 and the Export Controlled Information review completed by D. Hupp on 12/02/05.

Revision 14 – 10 CFR 1045 review completed by J. Weidner on 03/17/06 and the Export Controlled Information review completed by D. Hupp on 03/17/06.

Revision 15 – 10 CFR 1045 review completed by R. Coriell on 06/01/06 and the Export Controlled Information review completed by G. Peed on 06/01/06.

Revision 16 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R. Coriell on 08/11/06.

Revision 17 – 10 CFR 1045 and the Export Controlled Information reviews were completed by G. Peed on 08/30/06.

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For the reference to this standard, see Section 1.1.5.5.5 of this license application and Section 3.5.5 of the ISA Summary.

#### 1.4.6 National Fire Protection Association

- NFPA 10-2002, *Standard for Portable Fire Extinguishers*

USEC satisfies the provisions of this standard with the following exceptions/clarification:

The provisions of this standard were used as guidance in determining the size, selection, and distribution of portable fire extinguishers. USEC will satisfy the provisions of this standard for modifications to the facility except as documented and justified by the Authority Having Jurisdiction (AHJ).

For references to this standard, see Section 7.4.3 of this license application.

- NFPA 13-2002, *Standard for the Installation of Sprinkler Systems*

USEC satisfies the provisions of this standard with the following exceptions/clarification:

The provisions of this standard were used as guidance for the design and installation of wet and dry pipe automatic sprinkler systems. In addition, ACP facilities meet the definition of Ordinary Hazard Occupancies (Group 1) as stated in this standard and the fire protection systems meet or exceed the sprinkler discharge requirements for this type of occupancy. USEC will satisfy the provisions of this standard for modifications to the facility except as documented and justified by the AHJ.

For the reference to this standard, see Section 7.3.1 of this license application.

- NFPA 15-2001, *Standard for Water Spray Fixed Systems for Fire Protection*

USEC will satisfy the provisions of this standard for modifications to the facility except as documented and justified by the AHJ.

For the reference to this standard, see Section 7.3.1 of this license application.

- NFPA 25-2004, *Standard for Inspection, Testing, and Maintenance of Water-Based Protection*

USEC will satisfy the provisions of this standard except as documented and justified by the AHJ.

For the reference to this standard, see Section 7.1.2 of this license application.

- NFPA 30-2003, *Flammable and Combustible Liquids Code*

USEC satisfies the requirements of this standard with the following exceptions/clarification:

Above ground storage tanks were installed using the provisions of this standard for guidance only. USEC will satisfy the provisions of this standard for modifications to the facility except as documented and justified by the AHJ.

For references to this standard, see Section 7.3 of this license application.

- NFPA 51B-2003, *Standard for Fire Prevention During Welding, Cutting, and Other Hotwork*

USEC uses the provisions of this standard as guidance for the review of hot work permitting.

For the reference to this standard, see Section 7.1.1 of this license application.

- NFPA 70-2005, *National Electrical Code*

This NFPA standard was used as guidance for the installation of the electrical systems.

For the reference to this standard, see Section 7.3 of this license application and Section 2.6.7 of the ISA Summary for the ACP.

- NFPA 72-2002, *National Fire Alarm Code*

This NFPA standard was used as guidance for the installation of the fire alarm systems.

For the reference to this standard, see Section 7.3.2 of this license application.

- NFPA 75-2003, *Standard for the Protection of Electronic Computer/Data Processing Equipment*

This NFPA standard was used as guidance for the protection of the computer systems.

For the reference to this standard, see Section 7.0, Table 7.1-1 of this license application.

- NFPA 80-1999, *Standard for Fire Doors and Fire Windows*

USEC will satisfy the provisions of this standard except as documented and justified by the AHJ.