U.S. NUCLEAR REGULATORY COMMISSION

CERTIFICATE OF COMPLIANCE

FOR OPERATION OF GASEOUS DIFFUSION PLANTS

Pursuant to the Atomic Energy Act of 1954, as amended, Title II of the Energy Reorganization Act of 1974, as amended (88 Stat 1242), and Title 10, Code of Federal Regulations, Part 76, and in reliance on statements and representations heretofore made by the applicant, a certificate is hereby issued. This certificate is issued to certify that operation of the Gaseous Diffusion Plant identified in No. 5 below is in compliance with the standards set forth in Title 10 Code of Federal Regulations, Part 76, "Certification of Gaseous Diffusion Plants." This certificate shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

1. CERTIFICATE NUMBER	2. AMENDMENT NUMBER	3. EXPIRATION DATE
GDP-1	10	December 31, 2008
4. ISSUED TO (Name and Address) United States Enrichment Corporation 2 Democracy Center 6903 Rockledge Drive Bethesda, MD 20817	5. FACILITY AND LOCATION Paducah Gaseous Diffusion Plant Paducah, KY	. DOCKET NUMBER 70-7001
7. CONDITIONS This certificate is conditional upon fulfilling the requirements of 10 CFR Part 76, as applicable, and the conditions below.		

8. The United States Enrichment Corporation (USEC or the Corporation) shall conduct its operations in accordance with the statements and representations contained in the Certification Application through Revision 84 dated November 3, 2003, and in the Compliance Plan through Revision 9 dated December 1, 2000, as modified by letters dated June 18, 2004, and June 17, 2005.

9. The United States Enrichment Corporation shall conduct its operations in accordance with the Technical Safety Requirements that are contained in Volume 4, Revision 84 of the Application, dated November 3, 2003, as modified by letter dated December 12, 2003 (GDP 03-0066), approved by Amendment 1, letters dated September 23, 2003, and January 22, 2004, approved by Amendment 2, letter dated August 4, 2004, approved by Amendment 4, letter dated June 17, 2005, approved by Amendment 5, letter dated December 13, 2005, approved by Amendment 6, letter dated January 4, 2006, approved by Amendment 7, letter dated July 19, 2006, approved by Amendment 8, and letter dated June 23, 2006, approved by Amendment 9. Changes to the Technical Safety Requirements shall require NRC approval prior to implementation.

10. The United States Enrichment Corporation is hereby granted the special authorizations and exemptions in Chapter 1, Section 1.8 of the Safety Analysis Report, Revision 84 dated November 3, 2003.

11. If, at any time after the privatization date, the Corporation obtains information reasonably indicating changes described in the National Industrial Security Program Operating

Manual, DOD 5520.22-M, January 1995 (NISPOM), Chapter 1, Section 3, 1-302(h), to the information previously submitted to NRC, described in the NISPOM, Chapter 2, Section 3, 2-302b.(1) through (11), the Corporation shall notify NRC in writing within 15 days.

12. If the Corporation enters into negotiations for the proposed merger, acquisition, or takeover by a foreign person, the Corporation shall submit notification to NRC, in writing, within 15 days of the commencement of such negotiations. The submission shall include the type of transaction under negotiation (stock purchase, asset purchase, etc.), the identity of the potential foreign person investor, a plan to negate foreign ownership, control, or domination, and copies of any related loan, purchase and shareholder agreements, annual reports, bylaws, articles of incorporation, partnership agreements, and reports filed with other federal agencies.

13. USEC, or its successors, as the Executive Agent for the United States for implementing the Russian HEU Agreement, shall notify NRC in writing within 15 days, of any termination or material change in the provisions of the "Memorandum of Agreement Between the United States Acting By and Through the United States Department of State, and the United States Department of Energy and the United States Enrichment Corporation, for USEC to Serve as the United States Government's Executive Agent Under the Agreement Between the United States and the Russian Federation Concerning the Disposition of Highly Enriched Uranium Extracted from Nuclear Weapons," entered into as of April 18, 1997.

14. The United States Enrichment Corporation shall review the decommissioning cost estimates and associated funding levels in October of each year and adjust the estimates and funding levels as necessary. If USEC determines that the existing financial instruments do not adequately cover the adjusted decommissioning cost estimate, USEC shall submit financial instruments to cover the new cost estimates by December 31st of each year.

15. Notwithstanding the requirements of TSR 2.4.4.4, USEC shall use the safe mass curve in TSR 2.5 Appendix B, instead of the safe mass curve in TSR 2.4 Appendix B, for determining entry into TSR 2.4.4.4 Condition C. The combined mass of all deposits in the affected equipment shall be used in making this determination, if double batching is not considered.

16. Deleted.

17. Condition 16 was deleted based on NRC acceptance of the Nuclear Criticality Safety (NCS) controls for the Normetex product withdrawal pumps, relied on for double contingency, in NCSE 041, as provided to the NRC on June 28, 2002, and NCSA 310-003, as provided to the NRC on July 23, 2002, specifically the uranium to oil structural barrier, the High Oil Pressure Detection System (HOPDS) and HOPDS pump trip, and the weekly oil sampling program. Future revisions of NCSE 041 and NCSA 310-003 that modify these specific NCS controls for the Normetex pumps (i.e., the uranium to oil structural barrier, the HOPDS and HOPDS pump trip, and the weekly oil sampling program) shall be submitted to the NRC for review and approval prior to implementation.

18. In the event of a strike by the security force, the United States Enrichment Corporation may implement the temporary security measures as documented in their letter dated February 14,

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2007. These measures are considered temporary and shall be rescinded upon resumption of regular security operations.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: 02/23/07

By: **/RA/**
Gary S. Janosko, Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555

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List of GDP-1 Amendments Since Last Renewal (December 29, 2003)

Amd. #	App. Doc. Amended	Subject	Application Date/s	Issuance Date	Effective Date
1	TSR	Cascade Equipment Assay Limitations	December 12, 2003	January 21, 2003	30 days from issue
2	TSR	Minimum Fire Service Staffing	September 19, 2003, and January 22, 2004	March 2, 2004	Issuance date
3	SAR	Table 1-4, allow receipt, inspection, storage, etc. for 2 cylinders of DU from Starmet CMI	June 18, 2004	June 30, 2004	June 30, 2004
4	TSR	TSR controls - C-337-A North crane	August 4, 2004	March 14 , 2005	April 14, 2005
5	SAR & TSR	SAR Table 1-4	June 17, 2005	September 6, 2005	September 6, 2005
6	TSR	TSR 2.2, Appendix A	December 13, 2005	February 24, 2006	30 days from issue
7	TSR	TSR Table 3.2.2.1	January 4, 2006	May 25, 2006	Issuance date
8	TSR	TSR 2.6.4.1	July 19,2006	July 27, 2006	Issuance date
9	TSR	TSR Table 3.2.2.1	June 23, 2006	August 3, 2006	Issuance date
10	LC-18	Temporary Security Modifications	February 14, 2007	February 23, 2007	Issuance date

UNITED STATES NUCLEAR REGULATORY COMMISSION