

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  GDP-1	2. AMENDMENT NUMBER  3	3. EXPIRATION DATE  December 31, 2013
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	6. 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 shall conduct its operations in accordance with the statements and representations contained in the Certification Application through Revision 112, dated August 12, 2008, and in the Compliance Plan through Revision 9, dated December 1, 2000.
9. The United States Enrichment Corporation shall conduct its operations in accordance with the Technical Safety Requirements that are contained in Volume 4, Revision 112, dated August 11, 2008 as modified by letter(s) dated November 4 2008, and November 21, 2008. Changes to the Technical Safety Requirements shall require NRC approval prior to implementation.

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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 112, dated August 12, 2008.
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 the 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 the 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 to do not adequately cover the adjusted decommissioning cost estimate, USEC shall submit financial instruments to cover the new cost estimates by December 31<sup>st</sup> of each calendar year.

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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. Revisions of NCSE 041 and NCSA 310-003 that modify NCS controls for the Normetex pumps (i.e., the uranium to oil structural barrier, the High Oil Pressure Detection System) submitted to the NRC for review and approval prior to implementation.

FOR THE NUCLEAR REGULATORY COMMISSION

Date: August 26, 2009

By: /RA/  
Marissa G. Bailey, Deputy Director  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

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List of GDP-1 Amendments Since Last Renewal (12/22/2008)

Amendment Number	Applicable Document	Subject	Application Date	Issuance Date	Implementation Date
1	TSR	CAAS Amendment	11/21/2008	3/17/2009	60 days from date of issuance
2	TSR	Normetex Pump UF <sub>6</sub> Release Detection System	11/4/2008	4/23/2009	30 days from date of issuance
3	CAR	Helicopter Flyover Radiological Survey	4/17/2009	8/26/2009	30 days from date of issuance