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August 12, 2013

Mr. Steve Toelle, Director
Regulatory Affairs
United States Enrichment Corporation
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: REVISION OF UNITED STATES ENRICHMENT CORPORATION'S CHANGES TO
THE FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN FOR THE
PADUCAH GASEOUS DIFFUSION PLANT (TAC NO. L36010)

Dear Mr. Toelle:

This refers to your letter dated February 21, 2013 (GDP 13-0002), providing the United States Enrichment Corporation's (the Corporation's) Revision 137 to the Certification Application for the Paducah Gaseous Diffusion Plant. Enclosure 2 of your letter provided Changes to the Fundamental Nuclear Material Control Plan (FNMCP). In your letter you also provided two replacement pages for Revision 135, effective October 19, 2012, correcting typographical errors from the approved version.

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the changes to the FNMCP. Based on its review of the information provided, the NRC staff concluded that the changes to the FNMCP are administrative in nature and that the revised FNMCP continues to meet the applicable Material Control and Accounting requirements in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 74 and Subpart E of 10 CFR Part 76. Therefore, the changes are approved. The enclosed safeguards evaluation report documents the NRC staff's review of your submittal.

This completes our efforts on Technical Assignment Control Number L36010.

In accordance with 10 CFR 2.390(d) of the NRC "Rules of Practice," a copy of this letter, without the enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's Agencywide Documents Access and Management Systems (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (The Public Electronic Reading Room).

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S. Toelle

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If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 287-9070, or e-mail at Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Brian W. Smith, Chief
Uranium Enrichment Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Enclosure:
Safeguards Evaluation Report

Docket No. 70-7001
Certificate No. GDP-1

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cc: Mr. Vernon Shanks, United States Enrichment Corporation

S. Toelle

- 2 -

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