

May 8, 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 TECHNICAL SAFETY REQUIREMENTS AND SAFETY ANALYSIS REPORT
FOR THE PADUCAH GASEOUS DIFFUSION PLANT

Dear Mr. Toelle:

This refers to your letter dated February 21, 2013, (GDP 13-0001), providing the United States Enrichment Corporation's Changes to the Technical Safety Requirements (TSRs), for the Paducah Gaseous Diffusion Plant (PGDP) that were previously submitted to the U.S. Nuclear Regulatory Commission (NRC) in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 76.45. The changes were previously approved by the NRC on January 17, 2013, as Amendment 11 to Certificate of Compliance GDP-1. With your letter you also provided a description, and changed pages, of PGDP's Safety Analysis Report (SAR) that have been reviewed in accordance with 10 CFR Part 76.68.

The NRC staff has completed its review of your submittal. The NRC staff determined that the changes to the TSRs have been made as approved. In addition, the NRC staff determined that the changes to the SAR are administrative in nature and, therefore, are approved.

With regard to revision 137 incorporating changes to the Quality Assurance Program, Emergency Plan, Fundamental Nuclear Materials Control Plan, and Gaseous Diffusion Plant Security Program, also included with your February 21, 2013 (GDP 13-0001) letter, the NRC staff is performing its review of these changes under separate actions. The NRC will provide the results of these reviews via separate letters.

As stated in our acceptance communication dated April 26, 2013, efforts to complete the review of the changes to the TSRs and the SAR were conducted under Technical Assignment Control No. L60440, PGDP Project Management Activities.

In accordance with 10 CFR 2.390(d) of the NRC "Rules of Practice," a copy of this letter 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).

If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 492-3117, or e-mail at Osiris.Siurano-Perez@nrc.gov.

Sincerely,

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

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

cc: Mr. Vernon Shanks, United States Enrichment Corporation

If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at (301) 492-3117, or e-mail at Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Brian W. Smith, Chief
Uranium Enrichment Branch
Division of Fuel Cycle Safety
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cc: Mr. Vernon Shanks, United States Enrichment Corporation

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