

April 22, 2014

Mr. Stephen A. Toelle, Director
Nuclear Regulatory Affairs
United States Enrichment Corporation
2 Democracy Center
6903 Rockledge Drive
Bethesda, MD 20817

SUBJECT: APPROVAL OF CERTIFICATE AMENDMENT REQUEST TO REVISE
TECHNICAL SAFETY REQUIREMENTS TABLE 3.2.2-1, MINIMUM STAFFING
REQUIREMENTS, FOR THE PADUCAH GASEOUS DIFFUSION PLANT -
TECHNICAL ASSIGNMENT CONTROL NUMBER L36030

Dear Mr. Toelle:

I am responding to your letter dated December 16, 2013 (GDP 13-0020), in which you submitted to the U.S. Nuclear Regulatory Commission (NRC) a request for an amendment to the Certificate of Compliance (CoC) for the Paducah Gaseous Diffusion Plant (PGDP). The Certificate Amendment Request proposes to revise Table 3.2.2-1, Minimum Staffing Requirements. The proposed amendment would revise the PGDP's Health Physics (HP) minimum staffing requirements so that continuous 24-hour HP coverage under shutdown plant conditions is no longer required. In addition, the proposed amendment would revise the minimum staffing requirements for the C-310 facility by removing the Cascade 3 mode (i.e., Not in Use; system at uranium hexafluoride negative) from the C-310 facility's minimum staffing requirements mode applicability.

By letter dated March 13, 2014 (Agencywide Documents Access and Management System [ADAMS] Accession Number ML14071A086), the NRC staff issued a Request for Additional Information (RAI). By letter dated March 21, 2014 (GDP 14-0006, ADAMS Accession Number ML14101A345), you provided your responses to the RAI.

The NRC staff has completed its review of your submittals. The NRC staff has concluded that the proposed changes to Table 3.2.2-1, Minimum Staffing Requirements, to no longer require continuous 24-hour HP coverage under shutdown plant conditions, and to remove the Cascade 3 mode from the C-310 facility's minimum staffing requirements mode applicability, are acceptable. As such, the NRC staff concluded that the proposed amendment to the PGDP's CoC, as described in your December 16, 2013, submittal, and your March 21, 2014, responses to the RAI, is acceptable, and is therefore approved. Enclosure 1 to this letter provides the NRC staff's Compliance Evaluation Report documenting the review of your submittal. Enclosure 2 provides amendment 15 of the PGDP's CoC, which is effective immediately.

This completes our efforts on Technical Assignment Control Number L36030.

In accordance to Title 10 of the *Code of Federal Regulations* 2.390(d) of the NRC's "Rules of Practice," this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's 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 action, please contact Mr. Osiris Siurano-Perez at 301-287-9070, or e-mail Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Thomas Grice, Acting 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

Enclosures:

1. Compliance Evaluation Report
2. Certificate of Compliance

cc: Vernon Shanks, USEC-Paducah

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