

March 27, 2014

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

SUBJECT: REVISION OF TECHNICAL SAFETY REQUIREMENT SURVEILLANCE  
REQUIREMENT FREQUENCY - TECHNICAL ASSIGNMENT CONTROL  
NUMBER L36039

Dear Mr. Toelle:

I am responding to your letter dated March 6, 2014 (GDP 14-0005), 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 change the frequency of performance for Technical Safety Requirement (TSR), Surveillance Requirement (SR) 2.4.4.3-1, "Measure product stream assay," so that it is not required when the enrichment cascade is shut down and isolated from the C-310 facility's cascade and there is insufficient uranium hexafluoride to support product withdrawal.

The NRC staff has completed its review of your submittals. The NRC staff has concluded that the proposed change in the frequency of performance for TSR-SR 2.4.4.3-1 is acceptable. As such, the NRC staff concluded that the proposed amendment to the PGDP's CoC, as described in your March 6, 2014, submittal 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 14 of the PGDP's CoC, which is effective immediately.

This completes our efforts on Technical Assignment Control Number L36039.

In accordance to Title 10 of the *Code of Federal Regulations* 2.390(d) of the NRC's "Rules of Practice," this will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system (Agencywide Documents Access and Management System [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](mailto: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. Amendment 14 of Certificate  
of Compliance GDP-1

cc: Vernon Shanks, USEC-Paducah

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](mailto: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. Amendment 14 of Certificate  
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cc: Vernon Shanks, USEC-Paducah

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