

March 15, 2013

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING CHANGES TO THE
DECOMMISSIONING FUNDING PROGRAM DESCRIPTION FOR CALENDAR
YEAR 2013 (TECHNICAL ASSIGNMENT CONTROL NUMBER L36003)

Dear Mr. Toelle:

I am responding to the United States Enrichment Corporation's letter dated December 18, 2012 (GDP 12-0037), requesting the U.S. Nuclear Regulatory Commission's (NRC's) review and approval of revisions to the Paducah Gaseous Diffusion Plant (PGDP) Decommissioning Funding Program Description (DFP) for calendar year 2013.

Our review of your submittal has identified additional information that is needed before final action can be taken. The additional information specified in the enclosure should be provided to us within 30 days from the date of this letter.

Please reference Technical Assignment Control number L36003 for this action in your response.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390(d) of the NRC "Rules of Practice," a copy of this letter and its 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).

If you have any questions, please contact me at (301) 492-3117, or by e-mail at osiris.siurano-perez@nrc.gov.

Sincerely,

/RA/

Osiris Siurano-Perez, Project Manager
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

Enclosure:
Decommissioning Funding Program

If you have any questions, please contact me at (301) 492-3117, or by e-mail at osiris.siurano-perez@nrc.gov.

Sincerely,

Osiris Siurano-Perez, Project Manager
Uranium Enrichment Branch
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Enclosure:
Decommissioning Funding Program

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**REQUEST FOR ADDITIONAL INFORMATION
REGARDING CHANGES TO THE
DECOMMISSIONING PROGRAM DESCRIPTION
FOR CALENDAR YEAR 2013 FOR THE PADUCAH GASEOUS DIFFUSION PLANT
DOCKET: 70-7001**

Justification of estimated volumes and unit disposal costs of low level radioactive waste (LLRW) and mixed waste

Title 10 of the *Code of Federal Regulations* (CFR) 76.35(n) states that “[t]he funding program must contain a basis for cost estimates used to establish funding levels.” NUREG-1757, Volume 3 states that cost estimates should be “based on documented and reasonable assumptions.” The cover letter to the 2013 Funding Program Description (DFP) states that “Volumes and unit disposal costs for low level radioactive waste and mixed waste have been updated using the methodology described in USEC letter GDP 11-0015 to NRC dated June 16, 2011.” The referenced June 16, 2011, letter to the U.S. Nuclear Regulatory Commission (NRC) describes the methodology for updating the volumes and unit disposal costs of the waste streams and includes a spreadsheet that provides the data supporting the volumes and unit disposal costs used in the 2011 DFP.

Subsequent to the June 16, 2011 letter, USEC submitted the CY 2012 DFP, which included revised waste volumes and unit disposal costs relative to the 2011 DFP. The NRC requested additional information regarding revised waste volumes and unit disposal costs in the Calendar Year (CY) 2012 DFP (ML120960170). On April 17, 2012, the licensee provided the methodology and supporting data to justify the updated volumes and unit disposal costs. Although the CY 2013 DFP provides the methodology used, it does not include the updated data needed to evaluate the updated volumes and unit disposal costs.

In order to evaluate the reasonableness of the cost estimate, please provide a spreadsheet similar to the ones submitted by USEC on June 16, 2011, and April 17, 2012, to justify the updated data used to estimate the volumes and unit disposal costs of LLRW and mixed waste.