

April 23, 2009

Mr. Steven A. Toelle
Director, Nuclear Regulatory Affairs
U. S. Enrichment Corporation
2 Democracy Center
6903 Rockledge Drive
Bethesda, MD 20817

SUBJECT: APPROVAL OF CERTIFICATE AMENDMENT REQUEST RELATED TO
TECHNICAL SAFETY REQUIREMENT CHANGE TO REVISE NORMETEX
PUMP URANIUM HEXAFLUORIDE RELEASE DETECTION SYSTEM
CONTROLS, PADUCAH GASEOUS DIFFUSION PLANT (TAC NO. L32477)

Dear Mr. Toelle:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the November 4, 2009 certificate amendment request (CAR), submitted by United States Enrichment Corporation (USEC or certificate holder), Paducah Gaseous Diffusion Plant (PGDP), regarding a revision to the PGDP Technical Safety Requirements (TSRs) Section 2.3.4.3 to extend the allowed completion time for restoring automatic uranium hexafluoride release detection and isolation system operability [available via Agencywide Documents Access and Management System (ADAMS) Accession Number ML083120437].

The NRC staff reviewed USEC's CAR dated November 4, 2008, and issued a request for additional information (RAI) by letter dated March 20, 2009 [ML090760527]. USEC provided its responses to the staff's RAI by letter dated April 1, 2009 [ML090960213]. The staff has completed the review of the CAR and the certificate holder's response to the RAI, and found the proposed revision to its TSRs acceptable. The staff's Certificate Evaluation Report is contained in Enclosure 1. Enclosure 2 contains Revision 2 to the PGDP's Certificate of Compliance reflecting the revisions proposed under this request.

Neither an environmental assessment nor an environmental impact statement is required for the proposed action because the requested amendment is subject to the categorical exclusion provided in the 10 *Code of Federal Regulations* (10 CFR) 51.22(c)(19) and will not have a significant impact on the human environment.

In accordance with 10 CFR, Section 2.390 of the NRC's Rules of Practice, a copy of this letter will be available electronically from the Publicly Available Records component of NRC ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions regarding this action, please contact Ms. Tilda Liu, at (301) 492-3217, or via e-mail at tilda.liu@nrc.gov.

Sincerely,

/RA/

Marissa G. Bailey, Deputy Director
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Enclosures: As stated

Docket No.: 70-7001

Certificate No.: GDP-1

cc w/enclosures: Vernon Shanks, USEC-Paducah
Randall M. DeVault, DOE-Oak Ridge

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If you have any questions regarding this action, please contact Ms. Tilda Liu, at (301) 492-3217, or via e-mail at tilda.liu@nrc.gov.

Sincerely,

/RA/

Marissa G. Bailey, Deputy Director
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
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