

March 3, 2010

Mr. Steven A. Toelle
Director, Nuclear Regulatory Affairs
USEC, Inc.
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: REVIEW OF 2009 ANNUAL UPDATE, REVISION 98 TO CERTIFICATE
APPLICATION, PORTSMOUTH GASEOUS DIFFUSION PLANT

Dear Mr. Toelle:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed your letter dated November 25, 2009, in which the United States Enrichment Corporation (USEC) transmitted its Revision 98 (November 18, 2009) to USEC-02, Application for NRC Certification, Portsmouth Gaseous Diffusion Plant, and incorporated the following:

- Changes to the Safety Analysis Report, Emergency Plan, Environmental Compliance Status and Environmental Monitoring Report, and Radioactive Waste Management Program; and
- Changes to the Fundamental Nuclear Materials Control Plan and Gaseous Diffusion Plant Security Program.

The staff has completed its review of the aforementioned changes and has no additional questions at this time. It is important to note that changes made under Title 10 of the *Code of Federal Regulations* (10 CFR) 76.68 may be subject to additional inspection and verification activities.

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

S. Toelle

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In accordance with 10 CFR 2.390 of NRC's, "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the 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).

Sincerely,

/RA/

Tilda Y. Liu, Senior Project Manager
Advanced Fuel Cycle, Enrichment,
And Uranium Conversion Branch
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
And Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No: 70-7002
Certificate No: GDP- 2

cc: Mr. Douglas Fogel, Manager
Nuclear Regulatory Affairs
Portsmouth Gaseous Diffusion Plant
P.O. Box 328 MS 1218
Piketon, OH 45661

Mr. Randall Devault
Department of Energy – Oak Ridge
P.O. Box 2001
Oak Ridge, TN 37832

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/RA/

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Department of Energy – Oak Ridge
P.O. Box 2001
Oak Ridge, TN 37832

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