



November 22, 2010
AET 10-0070

ATTN: Document Control Desk
Ms. Catherine Haney, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

**American Centrifuge Plant
Docket Number 70-7004; License Number SNM-2011
Submittal of Information Concerning Radiological Characterization Results for the
American Centrifuge Plant**

Dear Ms. Haney:

Purpose

The purpose of this letter is to provide information to the U.S. Nuclear Regulatory Commission (NRC) to facilitate the transition of a Regulatory Oversight Agreement (ROA) storage area in the X-3001 Process Building from the U.S. Department of Energy (DOE) regulatory oversight to the NRC. Secondly, this letter is to notify NRC of an area that will transition back to DOE oversight.

Background

For the last several years USEC has systematically transitioned the American Centrifuge Plant facilities from DOE regulatory oversight to NRC oversight. One area within the X-3001 Process Building remained under DOE oversight on November 3, 2009 (Reference 1) as other X-3001 areas transitioned from DOE to NRC oversight. This ROA area was kept available for USEC Inc. (USEC) to store contaminated equipment and components if discovered during subsequent building renovations. This ROA area within the X-3001 Process Building is currently the only area in this building that remains under DOE regulatory oversight.

Secondly, the proposed ROA, located in a paved area at the exterior wall of X-7725, is within the grounds that were placed under NRC regulatory oversight on October 15, 2007 (Reference 2). USEC now needs this area to be placed under DOE regulatory oversight.

These areas are depicted on Enclosure 1 of this letter.

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Discussion

Currently, the X-3001 ROA area has no material stored within. Final radiological survey of this area, performed in accordance with the Radiation Protection and Waste Management program requirements, indicate the area to be less than the Free Release criteria stated in Section 4.8.2.4 of License Application for the American Centrifuge Plant.

Secondly, the proposed ROA area also meets the Free Release criteria.

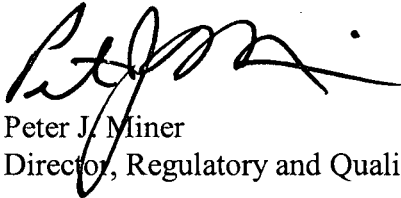
Action

This submittal is being provided for information purposes only and no action is requested.

Contact

If you have any questions regarding this matter, please contact me at (301) 564-3470 or Terry Sensue at (740) 897-2412.

Sincerely,



Peter J. Miner
Director, Regulatory and Quality Assurance

cc: R. DeVault, DOE-ORO
J. Downs, NRC HQ
M. Heiskell, DOE-ORO
J. Calle, NRC Region II
D. Hartland, NRC Region II
O. Siurano, NRC HQ
B. Smith, NRC HQ
J. McNeely, DOE-ORO

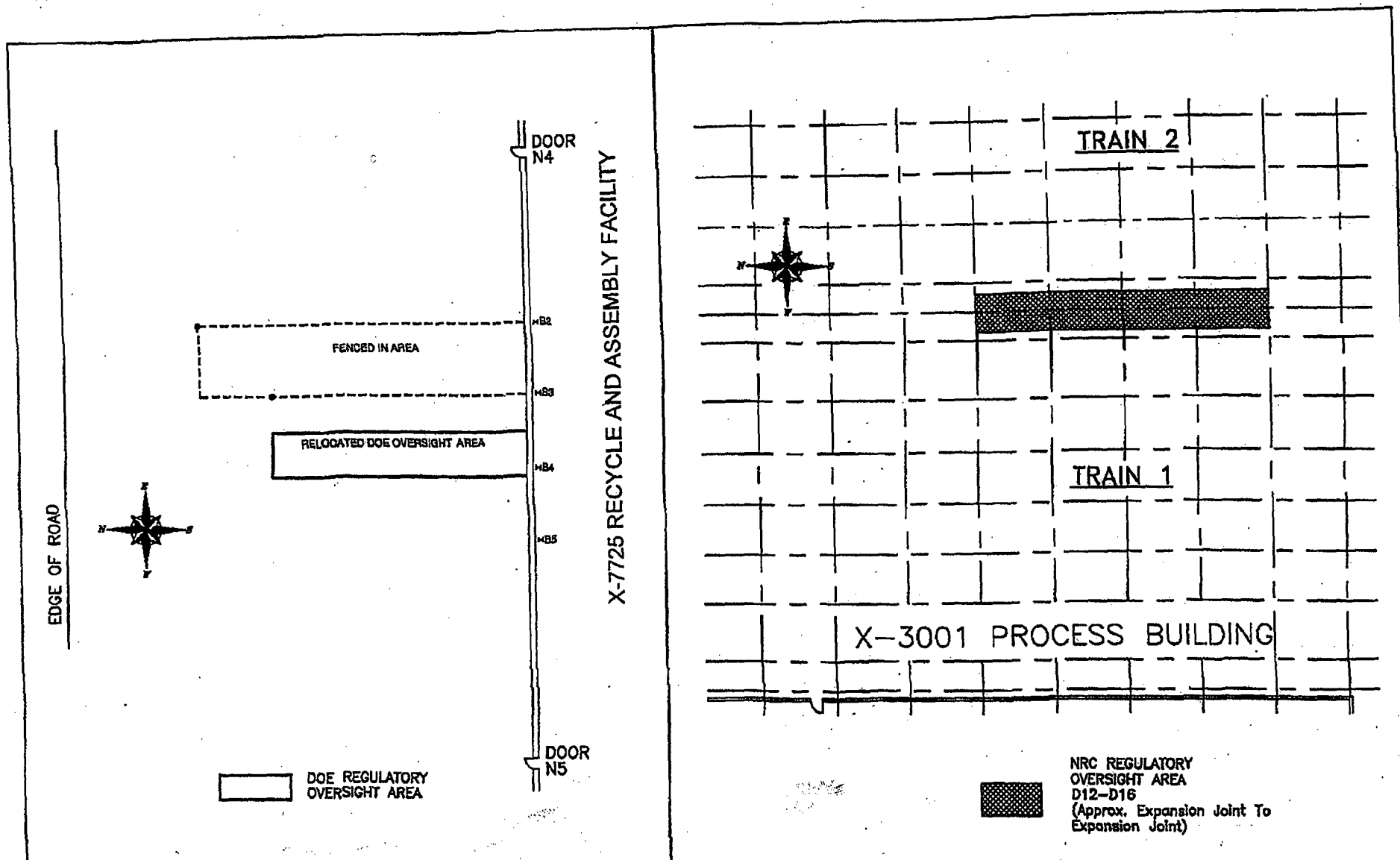
Enclosure: As Stated

References:

1. DOE Letter from Randall DeVault to Brian Smith (NRC) regarding Transition of Regulatory Oversight Responsibilities for Trains 1, 2, and 4 in the X-3001 Process Building of the American Centrifuge Plant, dated November 3, 2009
2. DOE Letter from Larry Clark to Victor Lopiano (USEC) regarding Approval and Acknowledgement of the Lease and Sublease of X-2202 Roads under the Gas Centrifuge Enrichment Plant (GCEP) Lease, dated October 9, 2007

Enclosure 1 of AET 10-0070

**Map of X-3001 Process Building and
North Face of X-7725 Recycle and Assembly Facility**



Information Contained Within
DOES NOT CONTAIN
Export Controlled Information
Reviewer (Signature) RSY/lylcoml
Date 11-1-10

This document has been reviewed and is UNCLASSIFIED
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RSY/lylcoml KTEng DC#4089 11-1-10
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