



October 16, 2009
AET 09-0080

ATTN: Document Control Desk
Mr. Michael F. Weber
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 Mr. Weber:

Purpose

The purpose of this letter is to provide detailed information to the U.S. Nuclear Regulatory Commission (NRC) to facilitate the transition of X-3001 Process Building areas from the U.S. Department of Energy (DOE) regulatory oversight to the NRC.

Background

Areas of X-3001 and X-3002 Process Buildings were utilized by the DOE and USEC Inc. (USEC) to store contaminated equipment and components. USEC has been incrementally emptying and surveying portions of the process buildings and requesting a transition from DOE to NRC oversight. Trains 1, 2, and 4 of the X-3001 Process Building have been used to store contaminated items from other remediated areas and are currently the only areas in this building that remain under DOE regulatory oversight.

Discussion

The contaminated items within Trains 1, 2, and 4 have been removed and a final radiological survey of these areas was performed in accordance with the Radiation Protection and Waste Management program requirements. Survey results indicate the areas to be less than the Free Release criteria stated in Section 4.8.2.4 of License Application for the American Centrifuge Plant.

However, a small 5' by 20' section located between columns D12 and D16 along the east boundary of Train 1 (between the concrete floor expansion joints), as depicted in the map in

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Enclosure 1, will remain under DOE oversight. This area will be used to store legacy DOE contaminated items that may be discovered during building renovation.

USEC plans to transition Trains 1, 2, and 4, excluding the small section between columns D12 and D16 along the east boundary of Train 1 under NRC regulation upon DOE's concurrence on October 30, 2009.


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,



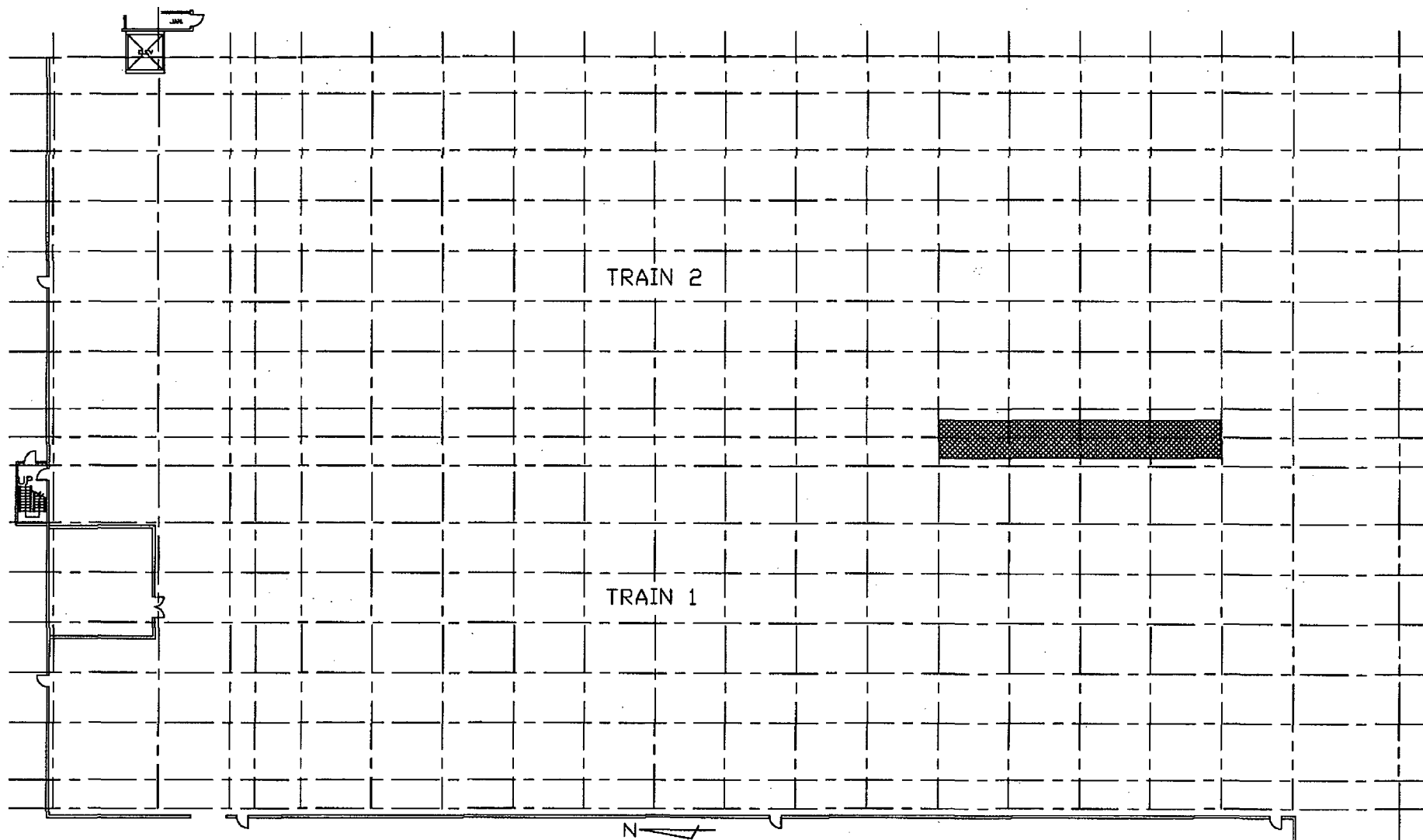
Peter J. Miner
Director, Regulatory and Quality Assurance

cc: R. DeVault, DOE-ORO
J. Downs, NRC HQ
M. Heiskell, DOE-ORO
J. Henson, NRC Region II
O. Siurano, NRC HQ
B. Smith, NRC HQ
P. Stumbo, DOE-ORO

Enclosure: As Stated

Enclosure 1 of AET 09-0080

Map of X-3001 Process Building



X-3001 PROCESS BUILDING



Regulatory
DOE OVERSIGHT
D12-D16
(Approx. Expansion Joint
to Expansion Joint)

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