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November 7, 2007

MEMORANDUM TO: Michael Tschiltz, Acting Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Thru: Brian Smith, Chief
Enrichment and Conversion Branch
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety and Safeguards **/RA/**
Office of Nuclear Material Safety
and Safeguards

FROM: Michael Raddatz, Sr. Project Manager
Enrichment and Conversion Branch
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety and Safeguards **/RA/**
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TRIP REPORT - SEPTEMBER 29, 2007, PROJECT MANAGER
SITE VISIT TO PADUCAH GASEOUS DIFFUSION PLANT

On Saturday, September 29, 2007, I visited the Paducah Gaseous Diffusion Plant located in Paducah, Kentucky. The purpose was, in part, to observe security exercises meant to demonstrate the effectiveness of proposed changes to security deployments.

During the visit, I primarily interacted with the United States Enrichment Corporation (USEC) Plant Security Manager, Pat CH Jenny. Greg Schoenebeck, Oleg Bukharin, and Ed Johannemann accompanied me during a site tour, and to observe the security exercises.

The purpose of the exercises was to provide a demonstration that a change in the security posture that USEC was proposing gave the equivalent level of protection. The results of the exercises and staff observations are included as the Enclosure to this trip report.

The exercises were carried out in four phases. The first was to show how the security force reacts today, and the second to show how it would react if the changes were approved. The third and fourth phases were the same exercise; however, they were run at night.

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Office of Nuclear Security and Incident
Response Trip Report (Confidential)

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M. Tschiltz

-2-

The Nuclear Regulatory Commission personnel split up and observed the exercises from different locations. I accompanied the hostile force during one phase and observed operations from a proposed security station during another.

The outcome of the security exercises is still being evaluated. We found the material condition of the facility acceptable and the plant personnel cooperative and attentive to the business at hand.

cc: Mr. Steve Toelle, USEC

Mr. Randall M. DeVault, DOE-Oak Ridge w/o Enclosure

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cc: Steve Toelle, USEC
Mr. Randall M. DeVault, DOE-Oak Ridge w/o Enclosure

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