

CONFIDENTIAL

September 15, 2008

MEMORANDUM TO: Peter Habighorst, Chief
Fuel Manufacturing Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards

FROM: Robert K. Caldwell, Chief/**RA**/
Fuel Cycle and Transportation Security Branch
Division of Security Policy
Office of Nuclear Security and Incident Response

SUBJECT: SAFEGUARDS EVALUATION REPORT, PADUCAH
GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY
TAC L32684 (LICENSE NO.: SNM-124)

The Offices of Nuclear Security and Incident Response and Nuclear Material Safety and Safeguards staff, members of the Paducah Security staff, and the Paducah Resident Inspector conducted a secured conference call on August 13, 2008. The purpose of the conference call was to review and clarify potential information contained in a previous Safeguards Evaluation Report (SER) dated June 27, 2008, which was in response to an April 3, 2008, U.S. Enrichment Corporation request for modification to the Interim Compensatory Measures dated June 17, 2002. As a result of the conference call this SER was written to clarify and reiterate the information provided in the previous SER. This SER supersedes the previous SER.

CONTACT: Barry Wray, DSP/NSIR
(301) 415-0232

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