

June 30, 2011

MEMORANDUM TO: Lydia W. Chang, Chief
Special Projects Branch
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Margie Kotzalas, Acting Chief **/RA/**
Technical Support Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TECHNICAL ASSISTANCE REQUEST – SAFETY EVALUATION
REPORT, NUCLEAR CRITICALITY SAFETY ASSESSMENT OF
BURIED WASTE AND CONTAMINATED SOIL, REMEDIATION
OF THE SHALLOW LAND DISPOSAL AREA SITE AND REVIEW
OF FINAL WORK PLAN (TAC NO. J00346)

As requested in the subject Technical Assistance Request dated September 13, 2010, the Technical Support Branch staff reviewed Final Work Plans submitted in April 2011 that addressed nuclear criticality safety at the Shallow Land Disposal Area (SLDA) Site located in Parks Township, Armstrong County, Pennsylvania.

We have completed our review of the proposed Final Work Plans that were prepared to address the nuclear criticality safety for the SLDA remediation project. The staff concludes that the April 2011 version of the Final Work Plans meet the requirements of Title 10 of the *Code of Federal Regulations* Part 70 for Special Nuclear Material contingent upon three (3) conditions to be implemented by the U.S. Army Corps of Engineers [see enclosed Safety Evaluation Report].

Enclosure:
Safety Evaluation Report

CONTACT: Christopher Tripp, NMSS/FCSS
301-492-3214

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