



**Department of Energy**  
Idaho Operations Office  
1955 Fremont Avenue  
Idaho Falls, Idaho 83401-1563

May 27, 2009

Mr. Dennis Faulk  
INL Program Manager  
US EPA Region 10-Hanford Project Office  
309 Bradley Blvd., Suite 115  
Richland, Washington 99352

Mr. Daryl Koch  
FFA/CO Manager  
Waste Management and Remediation Division  
Idaho Department of Environmental Quality  
1410 North Hilton  
Boise, ID 83706

**SUBJECT:** Department of Energy, Idaho Operations Office – Revised Addendum to Table 1 of the Action Memorandum for General Decommissioning Activities under the Idaho Cleanup Project (DOE/ID-11293, Revision 1) (EM-FMDP-09-049)

Dear Mr. Faulk and Mr. Koch:

The Department of Energy, Idaho Operations Office (DOE-ID), has identified an additional surplus facility that can be decommissioned under the American Recovery and Reinvestment Act of 2009 (ARRA). The ARRA contains provisions to fund additional accelerated decommissioning work at the Idaho Cleanup Project (ICP). DOE-ID hereby formally requests concurrence from the Idaho Department of Environmental Quality (DEQ) and U.S. Environmental Protection Agency, Region 10 (EPA) to add the Concrete Vaults at the Transuranic Storage Area-Retrieval Enclosure (TSA-RE) to the list of facilities to be decommissioned pursuant to the *Action Memorandum for General Decommissioning Activities under the Idaho Cleanup Project*, (DOE/ID-11293, Revision 1, January 2009).

There are 21 seven foot square concrete vaults at the TSA-RE. The vaults were placed at the end of the TSA-RE in 1975 to hold the soil cover in place and to provide shielding. The vaults are filled with solidified wastewater containing mixed low level waste from the PM-2A tanks at Test Area North. Data on the vault's contents can be found in Engineering Design File (EDF)-4830, which was sent to you previously.

Advanced Mixed Waste Treatment Project (AMWTP) retrieval operations have been working on retrieving cells 4-8 on Pad 1 during the last several months. This has enabled the AMWTP to access the area of the pad where the concrete vaults have been stored. Removing the vaults will open a large area of permitted waste storage for use by AMWTP resulting in increased waste

Mr. Faulk  
Mr. Koch

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storage and handling efficiency. The vaults will be removed and disposed of at the Idaho CERCLA Disposal Facility (ICDF) in accordance with the facility's Waste Acceptance Criteria.

The Idaho Cleanup Project concludes that the Concrete Vaults at the TSA-RE are sufficiently similar in characteristics, contaminants, and complexity; to those previously included in Table 1 (enclosed) of the Action Memorandum, and are appropriate for inclusion under the scope of the NTCRA. Upon receipt of concurrence with this determination from DEQ and EPA, this letter, and your concurrence letters, will be placed in the Administrative Record and will serve as an addendum to Section 2.1.10, Table 1, of the Action Memorandum.

If you have any questions or concerns, please contact Mark Shaw of my staff at 208-526-6442.

Sincerely,

A handwritten signature in black ink that reads "RMShaw for". The signature is written in a cursive, somewhat stylized font.

James R. Cooper, Assistant Manager  
Facility and Materials Disposition  
Idaho Cleanup Project