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**FLUOR**®

FH-0602426  
CONTRACT NO. DE-AC06-96RL13200

September 26, 2006

Mr. Keith A. Klein, Manager  
U.S. Department of Energy  
Richland Operations Office  
Post Office Box 550  
Richland, Washington 99352

Dear Mr. Klein:

**COMPLETION OF CONTRACT DELIVERABLE, ANNUAL PROGRESS REPORT ON REMOTE-HANDLED MIXED WASTE AND CONTACT-HANDLED MIXED WASTE REPORT REQUIRED BY TPA MILESTONE M-91-45**

In accordance with PHMC Section C.3.11.1, FH has completed the annual M-91-45 interim milestone requirement and prepared a report describing completed and scheduled work relating to remote-handled (RH) mixed waste and contact-handled (CH) mixed waste in boxes/large containers. The report details work completed in Fiscal Year (FY) 2006 and outlines planned work scope for these waste streams in FY 2007 and completes annual contract deliverable CD0400 and the TPA interim milestone.

Technical questions should be directed to Mr. Dale E. McKenney on 376-1589; contractual questions should be referred to Ms. Lori J. Hunter on 376-6986.

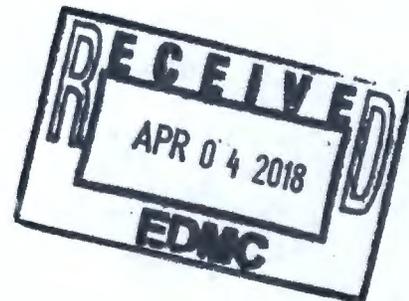
Very truly yours,

Ronald G. Gallagher  
President and  
Chief Executive Officer

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Attachment

RL - M. S. French  
M. S. McCormick  
S. A. Sieracki  
G. L. Sinton  
M. J. Weis



LINK to: 0071306

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**Electronically Approved by:**



**UserName: George Jackson (h0086493)**

**Title: Executive Vice President and Chief Operating Officer**

**Date: Tuesday, 26 September 2006, 04:32 PM Pacific Daylight Time**

**Meaning: Authorized to Sign for Ronald G. Gallagher**

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**Fluor Hanford Correspondence to DOE  
Action Form**

**Action Due Date:**

**Correspondence No. and Subject:** FH-0602426, COMPLETION OF CONTRACT DELIVERABLE, ANNUAL PROGRESS REPORT ON REMOTE-HANDLED MIXED WASTE AND CONTACT-HANDLED MIXED WASTE REPORT REQUIRED BY TPA MILESTONE M-91-45

**DOE POC:** M. S. French

**DOE Mgmt.:** M. S. McCormick

**DOE Action Description:**

- Review Only
- Review and Approve

**Additional Descriptions:**

**For DOE Use Only**

<b>DOE Authorized Rep.:</b>	<b>Date:</b>
<b>OE Action(s) Completed:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Date:</b>
<b>DOE Comments on Action(s):</b>	

FH-0602426

ATTACHMENT

**ANNUAL PROGRESS REPORT ON REMOTE-HANDLED (RH) MIXED WASTE AND  
CONTACT-HANDLED (CH) MIXED WASTE IN BOXES/LARGE CONTAINERS  
September 30, 2006**

**Consisting of 3 pages  
Including cover page**

# **ANNUAL PROGRESS REPORT ON REMOTE-HANDLED (RH) MIXED WASTE AND CONTACT-HANDLED (CH) MIXED WASTE IN BOXES/LARGE CONTAINERS**

As required by TPA Milestone M-91-45, this report has been prepared to describe work completed during Fiscal Year (FY) 2006 on remote-handled (RH) mixed waste and contact-handled (CH) mixed waste in boxes/large containers and to identify work scheduled for these waste streams in FY 2007.

## **FY 2006 Accomplishments**

- No remote-handled (RH) and large-container Land Disposal Restriction (LDR) Report Treatability Group MLLW-07 waste was treated or disposed in FY 2006, due to the emphasis on Treatability Groups MLLW-03 and MLLW-04 (TPA Milestones M-91-12/12A and M-91-42). A cumulative total of 194 m<sup>3</sup> has been treated and disposed.
- Enhanced off-site commercial treatment capabilities continue to be available in FY 2006, but were not utilized due to higher priority work scope. Revisions to the Pacific EcoSolutions (PEcoS) contract are being negotiated to expand their capability to treat moderately sized waste packages (individual package volumes up to 35 m<sup>3</sup>).
- The Environmental Restoration Disposal Facility (ERDF) continues to be used in FY 2006 to dispose of other MLLW Treatment Groups (i.e., MLLW-04A/B). Work continues to expand the use of ERDF for disposal of other Treatment Groups, including MLLW-07.
- An ERDF Record of Decision (ROD) Amendment was submitted to the Environmental Protection Agency (EPA). The proposed plan for an amendment to the ROD went out for public comment on August 28, 2006, which closed on September 26, 2006. The amendment, if approved, would allow disposal of multiple LDR treatability groups, including MLLW-07 waste.
- Engineering Study and Functional Design Criteria (FDC) documentation (referenced below) were issued in support of the acquisition of on-site capabilities to process MLLW and transuranic/transuranic mixed waste in boxes/large containers or RH waste in various sized packages. This completed TPA target date M-91-05-T01 fifteen months early. The project will establish new capability and capacity for processing RH and CH waste in boxes/large containers at T Plant.

## **Planned FY 2007 Activities**

- Continue waste treatment at PEcoS.
- Continue disposal of MLLW in the mixed waste trenches and/or at ERDF and continue efforts to bring the Integrated Disposal Facility (IDF) on-line for future MLLW disposal.
- Proceed with efforts to establish additional processing capabilities at T Plant as documented in the Engineering Study and FDC. This includes preparation of Critical Decision 0 documentation for submittal to DOE-HQ and initiation of the Conceptual Design for the project.

## **Publicly Available Reports**

1. Letter, 05-AMCP-0421, Keith A. Klein to Michael A. Wilson, "*Completion of Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) interim milestone M-91-45, submit to Ecology a report describing completed and scheduled work relating to remote-handled (RH) waste and boxes and large containers of RH and contact-handled (CH) waste*", September 29, 2005.
2. WMP-30632, "*Processing Hanford MLLW and TRU Waste that is either CH in Boxes/Large Containers or RH Waste in Various Packages Engineering Study*", September 2006.
3. HNF-29524, "*T Plant Solid Waste Processing Center Functional Design Criteria*", September 2006.
4. DOE/RL-2006-48, Rev 0, "Proposed Plan for an Amendment to the Environmental Restoration Disposal Facility Record of Decision".
5. HNF-19169 Rev. 1, "*M-91 TRU Mixed/Mixed Low-Level Waste Project Management Plan*", March 2004.