



CH2M HILL
Plateau Remediation Company
PO Box 1600
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December 18, 2017

CHPRC-1705903

Mr. Doug S. Shoop , Manager
U.S. Department of Energy
Richland Operations Office
Post Office Box 550
Richland, Washington 99352

Dear Mr. Shoop:

CONTRACT NUMBER DE-AC06-08RL14788 – SAFE COMPLETION OF PLUTONIUM FINISHING PLANT CLOSURE PROJECT

The purpose of this letter is to document to RL, the intended increased safety measures in the process of being implemented by CHPRC to assure safe completion of the Plutonium Finishing Plant (PFP) Closure Project.

As you and I discussed at length on Saturday, December 16, 2017, the continued risks for the PFP Closure Project are significant, and the completion of the Plutonium Reclamation Facility (PRF) demolition is not the end of that risk. As such, and to better assure the safety of the project personnel, as well as other personnel that may inadvertently traverse the PFP boundaries, CHPRC is documenting to RL the following main actions that are being taken to address lessons learned during the final completion of the PRF facility demolition. These actions are consistent with discussions with you.

First, CHPRC is in the process of expanding its control boundaries around the currently established PFP demolition boundaries. The new boundaries are beyond those established as a result of the June 8, 2017, contamination event, and the December 13, 2017, positive lapel air sampling event. These boundary extensions will impact some areas of operation for other activities on the site, but CHPRC will coordinate with the affected organizations to allow for access at necessary times to meet compliance and/or safety requirements through control of demolition schedules. CHPRC will also be taking time this week to pause demolition activities to re-establish expectations for communications protocols, both internal and external, with an emphasis on early notifications of unexpected conditions, regardless of assumed outcomes or requirements with regard to radiological contamination and events.

Second, CHPRC has completed initial stabilization of the PRF rubble pile. However, it is CHPRC's intention to re-sequence load out of the rubble to the last activity prior to site stabilization. This action is intended to reduce the probability of the contamination from the

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rubble pile interfering with, or increasing risk with the remaining facility demolition activities, as well as allowing the project to accomplish additional office space moves and boundary extensions prior to rubble load out. Further, this will also allow the demolition teams to utilize more footprint in using soil fixatives and water to bind the contamination with the soil cover placed over the PRF rubble pile.

CHPRC is committed to completing the PFP Closure Project in a safe manner. While the above actions will extend the site stabilization schedule, it is, as we discussed, imperative that the project be completed safely and that will remain the priority of CHPRC.

CHPRC will meet with you and your team later this week to review in detail the planned path forward.

Technical questions should be directed to L. T. Blackford at 373-0293, and contractual questions should be directed to K. K. Dickerson at 372-0177.

Sincerely,

L. Ty Blackford
President and
Chief Executive Officer

ltb/chy

RL - J. C. Connerly
M. A. Lane
S. A. Sieracki
D. S. Shoop
B. S. Valadez
H. R. Weber

Electronically Approved by:



UserName: Blackford, Ty (Leonard) (h0074390)

Title: President and Chief Executive Officer

Date: Monday, 18 December 2017, 09:32 AM Pacific Time

Meaning: Sign as L. Ty Blackford

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