

1245185
(0069328H)



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

17-AMRP-0201

JUN 29 2017

Ms. Alexandra K. Smith, Program Manager
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Smith:

ADMINISTRATIVE ORDER NUMBER 14156 – CORRECTIVE ACTION 1 SUBMITTAL,
STRUCTURAL INTEGRITY EVALUATION FOR PUREX STORAGE TUNNELS 1 AND 2

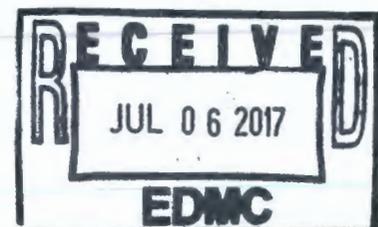
The Administrative Order Docket #14156 for the Hanford Site, EPA/State ID # WA7890008967, dated May 10, 2017, established three corrective actions in response to the May 9, 2017, subsidence/partial collapse observed on the south side of PUREX Tunnel 1 located in the 200 East Area of the Hanford Site. Corrective Action 1 consists of the following requirement:

“Starting immediately, determine the cause of the breach in PUREX Tunnel 1 and assess if there is an immediate risk of further failures in PUREX Storage Tunnels 1 and 2. By July 1, 2017, submit to the Department of Ecology, Nuclear Waste Program a structural integrity evaluation for both PUREX Storage Tunnels 1 and 2.”

This letter submits the structural integrity evaluations for PUREX Storage Tunnels 1 and 2, including information on the cause of the Tunnel 1 failure and assessment of risk of further failure in both tunnels, to meet the requirements of Administrative Order Corrective Action 1. The U.S. Department of Energy Richland Operations Office (RL) will continue to develop and complete corrective actions 2 and 3 in accordance with the schedule established in the Administrative Order. RL is fully committed to addressing risk to workers, the public, and the environment, and will continue to work closely with the Washington State Department of Ecology as it completes the actions required to satisfy the Administrative Order.

A-010-01 S-2-1

Attached to: 1245186, 1245187, 1244011, 1245168



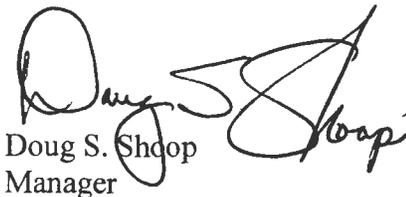
Ms. Alexandra K. Smith
17-AMRP-0201

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If you have any questions, please contact me, or your staff may contact Joe Franco, Assistant Manager for the River and Plateau, on (509) 373-9971.

Sincerely,


Doug S. Shoop
Manager

AMRP:DBC

Attachments:

1. PUREX Tunnel 1 Structural Evaluation
2. PUREX Tunnel 2 Structural Evaluation

cc w/attachs:

L. T. Blackford, CHPRC
D. A. Faulk, EPA
R. M. Geimer, CHPRC
M. N. Jaraysi, CHPRC
K. Niles, ODOE
S. N. Schleif, Ecology
Administrative Record (PUREX)
Environmental Portal