



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

DEC 05 2017

18-AMRP-0025

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:

PUREX AMENDED ADMINISTRATIVE ORDER NUMBER 15419 – CORRECTIVE ACTION 3, DRAFT PERMIT MODIFICATION

The Amended Administrative Order Docket #15419 for the Hanford Site, EPA/State ID # WA7890008967, dated September 14, 2017, established three corrective actions in response to the May 9, 2017, subsidence/partial collapse observed on the south side of PUREX Storage Tunnel 1 located in the 200 East Area of the Hanford Site. Corrective Action 3 consists of the following requirement:

By December 8, 2017, submit a draft permit modification to the Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion Revision 8C to modify the permit to do the following:

- Update Preparedness and Prevention Addendum to ensure the control and mitigation of run-on onto PUREX Storage Tunnels 1 and 2.
- Update Process Information Addendum to include information required under Corrective Action 2 to demonstrate the ongoing ability of PUREX Storage Tunnels 1 and Tunnel 2 to continue to safely store mixed waste until closure. This includes submitting as a part of the modification, the structural integrity evaluation supporting safe operation of PUREX Storage Tunnels 1 and 2.
- Update the Closure Addendum to include any interim actions needed for safe storage of waste in PUREX Storage Tunnels 1 and 2.
- Update the Closure Addendum to address final closure under the Dangerous Waste Regulations coordinated with the future Comprehensive Environmental Response, Compensation, and Liability Act remedial decisions for both PUREX Storage Tunnels 1 and 2.

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This letter submits the draft updates to the identified permit addenda to meet the requirements of Corrective Action 3.

The U.S. Department of Energy Richland Operations Office (RL) appreciates the collaboration with the Washington State Department of Ecology (Ecology) on the response actions associated with the PUREX Storage Tunnels. With this letter and the previous submittals for Corrective Action 1 (17-AMRP-0201, dated June 29, 2017) and Corrective Action 2 (17-AMRP-0222, dated August 1, 2017), RL has completed all of the requirements established in the Administrative Order. RL is fully committed to addressing risk to workers, the public, and the environment.

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

Attachment:
PUREX Amended Administrative
Order #15419, Corrective Action 3,
Draft Permit Modification

cc w/attach:
L. T. Blackford, CHPRC
L. C. Buelow, EPA
R. M. Geimer, CHPRC
M. N. Jaraysi, CHPRC
K. Niles, ODOE
S. N. Schleif, Ecology
Administrative Record (PUREX Storage
Tunnels 1 and 2, S-2-1)
Environmental Portal

J. Bell, NPT
R. Buck, Wanapum
M. Johnson, CTUIR
R. Longoria, YN

cc w/o attach: