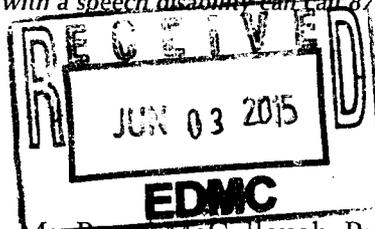




STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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June 1, 2015



15-NWP-070

Mr. Kevin W. Smith, Manager
Office of River Protection
United States Department of Energy
PO Box 450, MSIN: H6-60
Richland, Washington 99352

Ms. Peggy McCullough, Project Director
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Re: Tank Integrity Certification Documentation for Radioactive Liquid Waste Disposal Vessels
RLD-VSL-00164 and RLD-VSL-00165 at the Laboratory Facility

Dear Mr. Smith and Ms. McCullough:

On September 25, 2014, the United States Department of Energy – Office of River Protection and Bechtel National, Inc. (Permittees) notified the Department of Ecology (Ecology) that the weld repairs to the Radioactive Liquid Waste Disposal (RLD) Vessels RLD-VSL-00164 and RLD-VSL-00165 at the Laboratory (LAB) Facility are complete and that the tanks are recertified.

Ecology has concerns with the long-term integrity of the LAB vessels because of the numerous weld issues that were identified and repaired in these vessels.

The Permittees provided Ecology periodic updates on the weld issues during the Tri-Party Agreement Project Managers' Monthly Meetings and special briefings. Ecology also received documentation on the weld issues and repairs through reports required by Permit Conditions III.10.C.9.d and III.10.C.9.h of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste*, Part III, Operating Unit Group 10, Waste Treatment and Immobilization Plant (WTP Permit) WA7890008967.

Washington Administrative Code 173-303-640(3)(a) requires the Permittees to submit to Ecology a written assessment, signed by an Independent, Qualified, Registered Professional Engineer attesting to the structural integrity of the tanks prior to use.

Due to the extensive repairs on these vessels, Ecology must review documentation in the Administrative Record on the weld deficiencies and repairs to these vessels. We must be certain that there are no outstanding issues with regard to the integrity of these vessels before we approve the final construction certification.

H-0-8



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We expect the Permittees to provide the documentation, a list of the documentation, or both. The documentation includes, but is not limited to, items listed in Permit Conditions III.10.E.3.f through III.10.E.3.g.ix of the WTP Permit. If there are documents that Ecology finds difficult to access, the Permittees will provide a hard copy on request.

If there are any questions, please contact me at suzanne.dahl@ecy.wa.gov or (509) 372-7892.

Sincerely,



Suzanne Dahl
Tank Waste Treatment Section Manager
Nuclear Waste Program

nc/jc

cc electronic:

Dave Bartus, EPA
Dennis Faulk, EPA
Mary Beth Burandt, USDOE
Cliff Clark, USDOE
Joanne Grindstaff, USDOE
Bill Hamel, USDOE
Lori Huffman, USDOE
Ed MacAlister, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Delmar Noyes, USDOE
Bryan Trimberger, USDOE
Jason Young, USDOE
Barry Curn, BNI
Brad Erlandson, BNI
Christy Gallaway, BNI
Roger Landon, BNI
Sandi Murdock, BNI

Jon Perry, MSA
Don Sommer, SCS
Ken Niles, ODOE
Gail Laws, WDOH
Robbie Biyani, Ecology
Annette Carlson, Ecology
Nitya Chandran, Ecology
Suzanne Dahl, Ecology
Tracy Gao, Ecology
Heather John, Ecology
Mandy Jones, Ecology
Dan McDonald, Ecology
Arlene Tortoso, Ecology
Oliver Wang, Ecology
BNI Correspondence Control
Environmental Portal
Hanford Operating Record General File
USDOE-ORP Correspondence Control

cc: Rod Skeen, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Steve Hudson, HAB

Administrative Record:
Waste Treatment Plant (TSD #H-0-8)
NWP Central File
NWP Reader File