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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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December 26, 2017

17-NWP-190

Mr. Doug S. Shoop, Manager  
Richland Operations Office  
United States Department of Energy  
PO Box 550, MSIN: H5-20  
Richland, Washington 99352

Mr. Ty Blackford, President and CEO  
CH2M HILL Plateau Remediation Company  
PO Box 1600, MSIN: A7-01  
Richland, Washington 99352

Re: Ecology letter dated June 10, 2003, Modification of Inspection Frequency of Certain Hanford Treatment, Storage, and/or Disposal (TSD) Units

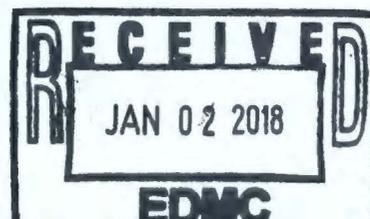
Dear Mr. Shoop and Mr. Blackford:

This letter is to inform you that the Washington State Department of Ecology (Ecology) is rescinding our approval (see attachment) of annual inspection frequency for the following unit: 241-CX Tank System (CX-70, CX-71, and CX-72). Upon receipt of this letter, inspection frequency for the 241-CX Tank System will be quarterly. This quarterly inspection frequency will be in effect until closure of the 241-CX Tank System (CX-70, CX-71, and CX-72).

This change in inspection frequency from annual to quarterly has been determined based on the following:

- March 9, 2017 Inspection and inspection findings
- No assessment of existing tank system's integrity
- Subsidence issues
- Failure to notify Ecology of all subsidence events

Based on the conditions of the 2003 letter, if an annual inspection identified any potential threats to human health or the environment, Ecology must be immediately notified and the inspection frequency would be reevaluated. During the most recent inspection on March 9, 2017, a review of quarterly and annual inspection records indicated that United States Department of Energy failed to communicate ground subsidence events at 241-CX Tank 70 on more than one occasion to Ecology (2003, 2008, and 2009). Although Ecology was notified of the most recent subsidence at 241-CX Tank 70 in 2017, it is unclear if Ecology was notified of the previous events in 2003, 2008, and 2009. There is no documentation of notification.



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Mr. Shoop and Mr. Blackford  
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If you have any questions, please contact me at [nina.menard@ecy.wa.gov](mailto:nina.menard@ecy.wa.gov) or (509) 372-7941, or Tabitha Liebrecht, Permit Lead, at [tabitha.liebrecht@ecy.wa.gov](mailto:tabitha.liebrecht@ecy.wa.gov) or (509) 372-7970, or Kathy Conaway, Compliance Lead Specialist, at [kathy.conaway@ecy.wa.gov](mailto:kathy.conaway@ecy.wa.gov) or (509) 372-7890.

Sincerely,

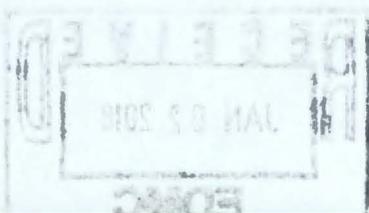


Nina M. Menard  
Environmental Restoration Project Manager  
Nuclear Waste Program

tal/sh

Enclosure

cc: See page 3



Mr. Shoop and Mr. Blackford  
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cc electronic w/enc:

Dave Bartus, EPA  
Jack Boller, EPA  
Laura Buelow, EPA  
Brian Biro, USDOE  
Duane Carter, USDOE  
Cliff Clark, USDOE  
Mostafa Kamal, USDOE  
Tony McKarns, USDOE  
Allison Wright, USDOE  
Darin Corriell, CHPRC  
Linda Peterson, CHPRC  
Deborah Singleton, CHPRC  
Daniel Turlington, CHPRC  
Jon Perry, MSA  
Steve Szendre, MSA  
Rose Ferri, YN  
Jean Vanni, YN

Ken Niles, ODOE  
Shawna Berven, WDOH  
John Martell, WDOH  
Deborah Alexander, Ecology  
Kathy Conaway, Ecology  
Suzanne Dahl, Ecology  
Edward Holbrook, Ecology  
Tabitha Liebrecht, Ecology  
Nina Menard, Ecology  
John Price, Ecology  
Alex Smith, Ecology  
CHPRC Correspondence Control  
MSA Correspondence Control  
Environmental Portal  
Hanford Facility Operating Record  
USDOE-RL Correspondence Control

cc w/enc:

Susan Leckband, HAB  
**Administrative Record**  
NWP Central File  
NWP Compliance Index File: 17.586

cc w/o enc:

Matt Johnson, CTUIR  
Jack Bell, NPT  
Rose Longoria, YN



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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

June 10, 2003

Mr. Joel Hebdon  
Regulatory Compliance and Analysis Division  
Richland Operations Office  
United States Department of Energy  
P.O. Box 550, MSIN: A5-15  
Richland, Washington 99352

Dear Mr. Hebdon:

Re: Modification of Inspection Frequency of Certain Hanford Facility Treatment  
Storage, and/or Disposal (TSD) Units

The Washington State Department of Ecology (Ecology) has received and reviewed the United States Department of Energy (USDOE) request to change from monthly and quarterly inspection to annual inspection at the 216-B-3 Main Pond, 216-A-29 Ditch, 207-A South Retention Basin, 216-B-63 Trench, 216-S-10 Pond and Ditch, and the 241-CX Tank System (CX-70, CX-71, and CX-72) per Washington Administrative Code (WAC) 173-303-320. Ecology agrees with the strategy of annual surveillance given the non-operational status of the units. However, if any annual inspection identifies any potential threats to human health or the environment, Ecology must be immediately notified and will reevaluate the necessity of monthly or quarterly inspections.

If you have any questions, please contact me at (509) 736-3029 or Brenda Becker-Khaleel at (509) 736-3003.

Sincerely,

John B. Price  
Environmental Restoration Project Manager  
Nuclear Waste Program

RECEIVED  
JUN 19 2003

EDMC

BB:lkd

cc: Larry Gadbois, EPA

Greg LeBaron, FH

Anthony Miskho, FH

Jon Perry, FH

Roger Szelmeczka, FH

Administrative Record: 200-CW-1, 200-CS-1, 200-IS-1, 200-PW-4

Todd Martin, HAB

Rick Gay, CTUIR

Pat Sobotta, NPT

Russell Jim, YN

Ken Niles, OOE