STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
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November 8, 2021 21-NWP-185

Brian T. Vance, Manager
Office of River Protection
United States Department of Energy
PO Box 450, MSIN: H6-60
Richland, Washington 99352

John R. Eschenberg, President
Washington River Protection Solutions
PO Box 850, MSIN: H3-04
Richland, Washington 99352

Re: The Department of Ecology (Ecology) Review of Responses to Dangerous Waste Compliance Inspection on April 20, 2020, at the Double Shell Tank System, RCRA Site ID: WA7890008967, Nuclear Waste Program (NWP) Compliance Index No.: 20.699

Reference: See page 2

Dear Brian T. Vance and John R. Eschenberg:

Ecology reviewed your response letter, received on November 4, 2021 (reference) and records received by Ecology on October 8, 2021, and October 18, 2021. Your records included corrective actions for an item of non-compliance identified in Ecology's April 20, 2020, inspection of the Double Shell Tank System. As of October 18, 2021, area of non-compliance three has been addressed. All areas of non-compliance in this compliance report have been addressed.

Ecology expects that the added Double Shell Tank inspections cited below, will remain in place and all be included in Revision 9 of the Hanford Dangerous Waste Permit.

- 219-S to 241-SY Tank Farm Waste Transfer Line Leak Detector Alarms – Daily during waste transfers.
- Pit Leak Detector Alarms – Daily during waste transfers.
- Freeze Fault Alarms – Daily during waste transfers and during the winter months of October to March.
- Safety Significant Flow Alarms – Daily
- Pressure Differential Indicator Transmitter (PDIT) Alarms – Daily
- Bulk Tank Waste Temperature – Quarterly
- Tank Temperature – Daily during waste disturbing activities of water additions of 10,000 gallons or more, caustic/chemical additions, and during waste transfers.

If you have questions or need further information, please contact me at (360) 481-9830 or jared.mathey@ecy.wa.gov.

Sincerely,

Jared Mathey
Dangerous Waste Compliance Inspector
Nuclear Waste Program

tla

Reference: Letter 21-ECD-003410, received on November 4, 2021, "Washington State Department of Ecology Dangerous Waste Compliance Inspection Report No. 20.699 Alleged Non-Compliance 3 Completion of Agreed Upon Actions"

cc electronic:

Dave Bartus, EPA
Dave Einan, EPA
Cheryl Williams, EPA
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John Price, Ecology
Jonathan Rogers, Ecology,
NWP, Compliance Index File: 20.699
Stephanie Schleif, Ecology
Mign Walmsley, Ecology
Environmental Portal
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Hanford Facility Operating Record
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