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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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November 8, 2016

16-NWP-194

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

Mr. Mark A. Lindholm, President  
Washington River Protection Solutions LLC  
PO Box 850, MSIN: H3-21  
Richland, Washington 99352

Re: Department of Ecology Approval of the *Tank 241-AY-102 Monitoring Plan*,  
RPP-PLAN-60074, Revision 05, Submitted in Response to Section II.B.7.b of the  
241-AY-102 Settlement Agreement

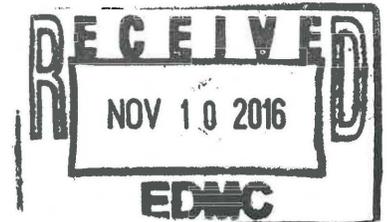
Reference: See page 2

Dear Mr. Smith and Mr. Lindholm:

The Department of Ecology (Ecology) approves the *Tank 241-AY-102 Monitoring Plan*, RPP-PLAN-60074, Revision 05, received November 2, 2016 (Reference). Ecology has determined that the plan meets the modifications discussed by the United States Department of Energy – Office of River Protection (USDOE-ORP) and Ecology.

Revision 05 updates:

- Video inspection sites.
- Annulus leak detection set points and notification requirements.
- Calibration dates.
- Monitoring equipment descriptions.



This letter documents the agreement between USDOE-ORP and Ecology regarding notification of restart and once monitoring indicates a worsening leak rate. The agreement includes:

- A one-time notification via letter after the restart of waste retrieval.
- A one-time notification via letter once monitoring indicates a worsening leak rate from the primary tank to the annulus. For the leak rates, the letter will serve to announce the leak rate is expected to vary throughout waste retrieval. Annulus and primary liquid levels, along with the other tank monitoring data, will be monitored daily using the Surveillance Data Display System.



Mr. Smith and Mr. Lindholm  
November 8, 2016  
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If you have any questions, please contact Jeff Lyon, Tank Systems Operation and Closure Project Manager, at [jeff.lyon@ecy.wa.gov](mailto:jeff.lyon@ecy.wa.gov) or (509) 372-7914, or Cheryl Whalen, Cleanup Section Manager, at [cheryl.whelen@ecy.wa.gov](mailto:cheryl.whelen@ecy.wa.gov) or (509) 372-7924.

Sincerely,



Alexandra K. Smith  
Program Manager  
Nuclear Waste Program

kw/aa

cc: See page 2

Reference: Letter 16-TF-0109, dated October 27, 2016, "The U.S. Department of Energy, Office of River Protection Transmittal of RPP-PLAN-60074, *Tank 241-AY-102 Monitoring Plan*, Rev. 05, in Response to Section II.B.7 of the 241-AY-102 Settlement Agreement"

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USDOE-ORP Correspondence Control  
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Administrative Record  
NWP Compliance Index File: 14.480  
NWP Central File