



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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April 18, 2018

18-NWP-059

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

Mr. Brian Reilly, Project Director
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Re: Transmittal of Proposed Permit Modification 8C.2018.3D 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, WA7890008967

Reference: See page 2

Dear Mr. Vance and Mr. Reilly:

This letter transmits the Department of Ecology's (Ecology) proposed permit modification 8C.2018.3D to the Part III, Operating Unit Group 10, Waste Treatment and Immobilization Plant (WTP Permit), of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste*.

The Permittees are the United States Department of Energy – Office of River Protection as owner/operator and Bechtel National, Inc. as co-operator.

The proposed Agency-Initiated Modification focuses on proposed modifications to the Part A and Unit Specific Conditions and incorporation of the Environmental Performance Demonstration Test (EPDT) Plan into the WTP Permit.

Proposed changes to the permit conditions include:

- Additions to the definitions, acronyms, and added detail in the conditions to support the shakedown period, demonstration test period and post demonstration test period (sections III.10.H.2, III.10.H.3, and III.10.H.4).
- Table III.10.H.C, "LAW Vitrification System Process and Leak Detection System Instruments and Parameters" and III.10.H.D, "Maximum Feed-rates to LAW Vitrification System" are completed with more detail.



Mr. Vance and Mr. Reilly
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Ecology will hold a public comment period from April 23, 2018 to June 8, 2018. Washington Administrative Code 173-303-840(3)(d) requires at least a 45-day public comment period for a draft permit modification. A public hearing is not scheduled, but Ecology will consider holding one if there is enough interest.

Before making any final permitting decisions, Ecology will consider all comments received during the public comment period for the draft permit modification.

The proposed draft permit modification is on the enclosed DVD and is also available on Ecology's website at: <https://www.ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods>.

Copies of the DVD are also available at the Hanford Public Information Repositories in Richland, Spokane, and Seattle, Washington, as well as Portland, Oregon. A hard copy and DVD is also on file at the locations listed below:

Department of Ecology
Nuclear Waste Program
3100 Port of Benton Boulevard
Richland, Washington 99354

United States Department of Energy
Administrative Record
2440 Stevens Center Place
Richland, Washington 99354

Individuals can request copies of the DVD by contacting Ecology's Resource Center at (509) 372-7950.

If there are any questions, please contact Annette Carlson, Permit Lead, at annette.carlson@ecy.wa.gov or (509) 372-7897, or Mandy Jones, Permit Coordinator, at mandy.jones@ecy.wa.gov or (509) 372-7950.

Sincerely,



Suzanne Dahl
Dangerous Waste Permit Manager
Nuclear Waste Program

asc/sh
Enclosure

Reference:

1. Letter 17-ECD-0067, dated December 1, 2017, "Submittal of Dangerous Waste Permit Design Package No. LAW-035, Revision 0, to Support the Low-Activity Waste Facility Environmental Performance Demonstration Testing"
2. Letter 18-ECD-0001, dated January 17, 2018, "Submittal of Two Table Corrections to Dangerous Waste Permit Design Package No. LAW-035, Rev. 0, to Support the Low-Activity Waste Facility Environmental Performance Demonstration Testing"

cc: See page 3

cc electronic w/o enc:

Dave Bartus, EPA
Dave Einan, EPA
Mary Beth Burandt, USDOE
Duane Carter, USDOE
Cliff Clark, USDOE
Joe Franco, USDOE
Rob Hastings, USDOE
Lori Huffman, USDOE
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