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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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September 15, 2017

17-NWP-124

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: Approval of 24590-LAW-PCN-ENV-15-001, Class ¹1 Modification to 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*

Reference: See page 2

Dear Mr. Smith and Ms. McCullough:

The Department of Ecology approves the referenced Class ¹1 Modification. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

This modification provides the updated *LAW Vitrification Building General Arrangement Plan at EL. 28'-0"*, 24590-LAW-P1-P01T-00004, Rev 6.

These changes are listed on the enclosure and replace the corresponding permit General Arrangement Plan in Appendix 9.4 of the WTP Permit.

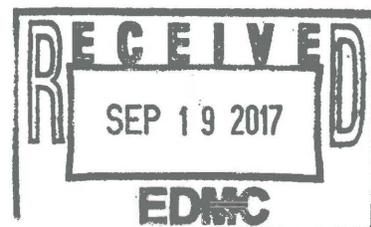
If there are any questions, please contact Jennifer Cantu, WTP Permit Writer, at jennifer.cantu@ecy.wa.gov or (509) 372-7907.

Sincerely,


Suzanne Dahl
Dangerous Waste Permit Manager
Nuclear Waste Program

jc/mb
Enclosure

cc: See page 2



Mr. Smith and Ms. McCullough
September, 15, 2017
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Reference: Letter 17-ECD-0035, received June 5, 2017, from R.G. Hastings, USDOE-ORP, to A.K. Smith, Ecology, "Submittal of Hanford Facility Resource Conservation and Recovery Act Permit Modification Notification Form 24590-LAW-PCN-ENV-15-001"

cc electronic w/enc:

Dave Bartus, EPA
Craig Cameron, EPA
Mary Beth Burandt, USDOE
Joanne Grindstaff, USDOE
Bill Hamel, USDOE
Lori Huffman, USDOE
Gae Neath, USDOE
Bryan Trimberger, USDOE
Barry Curn, BNI
Brad Erlandson, BNI
Serena Greagor, BNI
Roger Landon, BNI
Sandi Murdock, BNI
Dan Roberson, BNI
Jon Perry, MSA

Ken Niles, ODOE
Gail Laws, WDOH
Jennifer Cantu, Ecology
Annette Carlson, Ecology
Tracy Gao, Ecology
Mandy Jones, Ecology
Yoana Lucatero, Ecology
Dan McDonald, Ecology
John Richardson, Ecology
Oliver Wang, Ecology
Nancy Ware, Ecology
BNI Correspondence Control
MSA Correspondence Control
Environmental Portal
Hanford Operating Record General File
USDOE-ORP Correspondence Control

cc w/enc:

Rose Longoria, YN
Susan Leckband, HAB
Administrative Record: Waste Treatment Plant (TSD #H-0-8)
NWP Central File

cc w/o enc:

Matt Johnson, CTUIR
Jack Bell, NPT
Dave Rowland, YN



Quarter Ending June 30, 2017

24590-LAW-PCN-ENV-15-001

Hanford Facility RCRA Permit Modification Notification Form
Part III, Operating Unit 10
Waste Treatment and Immobilization Plant

Index

Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant
Replace LAW General Arrangement Plan (Elevation 28'-0") in Appendix 9.4 of the Dangerous Waste Permit (DWP).

Submitted by Co-Operator:

Reviewed by ORP Program Office:

Brad E. Landon for
Roger J. Landon

5-9-17
Date

for Wanda Agnew
J. F. Grindstaff

5/26/17
Date

Quarter Ending June 30, 2017

24590-LAW-PCN-ENV-15-001

Hanford Facility RCRA Permit Modification Notification Form	
Unit: Waste Treatment and Immobilization Plant	Permit Part: Part III, Operating Unit 10
Description of Modification:	
The purpose of this Class 1 prime modification is to update and replace the following general arrangement (GA) plan in Appendix 9.4 of the DWP:	
Appendix 9.4	
Replace:	With:
24590-LAW-P1-P01T-00004, Rev. 5	24590-LAW-P1-P01T-00004, Rev. 6
<p>This modification requests Ecology approval and incorporation into the permit the specific changes to the GA plan (Elevation 28'-0") indicated by revision notes and clouds. This document includes changes provided in applicable document change forms (e.g., DCN, SCN, SDDR, FCN, FCR, etc.). In addition, the GA plan includes changes associated with the resolution to comments on change documents since the issuance of the last revision of the permitted drawing.</p> <p>Significant changes to the GA plan are summarized below:</p> <ul style="list-style-type: none"> • Modified and added notes. • Incorporated changes from change documentation identified in the Notes section. • Added fan coil unit C2V-FCU-00094 and electric steam humidifier C2V-HU-00056 in Grids G12.5 and H12.5. • Revised layout and orientation of carbon dioxide (CO2) pelletizers CDG-PLT-00001 and -00002 and blasters CDG-BLWR-00001 through -00004 in Grids G16, H16, and J16. • Released the hold for condensers C2V-COND-00001 through -00003 from Revision 5 of the drawing (see below Grids L6 through L11). • Deleted call-outs to cancelled section drawings 24590-LAW-P1-P01T-00007 through -00011 (see outside borders of drawing). • Rearranged layout of programmable protection system (PPJ) enclosures and wall below Grids A9 through A12.5. • Revised radiological contamination classifications for rooms L-0226A/B in Grids C3 through E3. <p>This PCN updates information in Appendix 9.4 to reflect current design. This DWP component may be re-evaluated to confirm design adequacy. If the re-evaluation results in future design changes, the changes will be reviewed by Ecology in subsequent permit modifications.</p> <p>The following outstanding change documents have been submitted to Ecology pursuant to Permit Condition III.10.C.9.h and are maintained in the WTP Operating Record: None</p> <p>In accordance with Permit Condition III.10.C.2.e, this permit modification sent to Ecology may include page changes to the Permit, attachments, and permit application supporting documentation.</p>	

Quarter Ending June 30, 2017

24590-LAW-PCN-ENV-15-001

WAC 173-303-830 Modification Class:	Class 1	Class 11	Class 2	Class 3
Please mark the Modification Class:		X		

Enter relevant WAC 173-303-830, Appendix I Modification citation number: N/A
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class 11 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to the facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."

Modification Approved/Concur: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below) Reason for denial:	Reviewed by Ecology:  S. Dahl Date: 9/15/17
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for S. Dahl