



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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July 19, 2011

11-NWP-074

Mr. Matthew S. McCormick, Manager
United States Department of Energy
Richland Operations Office
P.O. Box 550, MSIN: A7-50
Richland, Washington 99352

Mr. Scott L. Samuelson, Manager
United States Department of Energy
Office of River Protection
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

Mr. Charles G. Spencer, President
Washington River Protection Solutions, LLC
P.O. Box 850, MSIN: H6-63
Richland, Washington 99352

Mr. M. Neil Brosee, General Manager
Washington Closure Hanford, LLC
2620 Fermi Avenue, MSIN: H4-24
Richland, Washington 99354

Mr. J. Frank Armijo, President
Mission Support Alliance, LLC
2490 Garlick Boulevard, MSIN: H1-30
Richland, Washington 99354

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

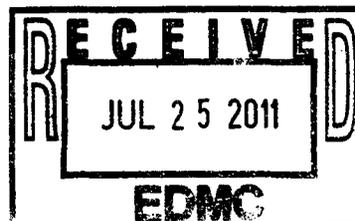
Mr. Michael H. Schlender
Associate Laboratory Director, Operational Systems
Pacific Northwest National Laboratory
P.O. Box 999, MSIN: K1-46
Richland, Washington 99352

Mr. John G. Lehew, President
CH2M HILL Plateau Remediation Company
P.O. Box 1600, MSIN: H7-30
Richland, Washington 99352

Re: United States Department of Energy letter dated July 8, 2011, *Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit, Quarter Ending June 30, 2011*

Dear Gentlemen:

The Department of Ecology (Ecology) reviewed the referenced quarterly Class 1 and Class 1 prime Modifications. You will find the results of that review on the following pages. Enclosed are Modification Notification forms indicating that Ecology concurs or approves the modifications indicating the changes.



A-0-1
T-2-0
H-0-8

Mr. Matthew S. McCormick, et al.
July 19, 2011
Page 2

Hanford Facility RCRA Permit Modification Notification Form
Part III, Operating Unit 3, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility

Page 2 of 8 Part III. OU-3, Permit Conditions **Approve**
Replace permit conditions, December 31, 2010 with Permit Conditions dated June 30, 2011

Page 3 of 8 Addendum A, Part A Form **Concur**
Remove Chapter 1, October 1, 2008, replace with Addendum A dated June 30, 2011

Page 4 of 8 Addendum B, Waste Analysis Plan **Approve**
Remove Chapter 3, June 30, 2007, replace with Addendum B dated June 30, 2011

Page 5 of 8 Addendum C, Process Information **Concur**
Remove Chapter 4, December 31, 2007, replace with Addendum C dated June 30, 2011

Page 6 of 8 Addendum E, Security Requirements **Approve**
Addendum F, Preparedness and Prevention
Addendum I, Inspection Requirements
Remove Chapter 6, June 30, 2007, and replace with Addendums dated June 30, 2011

Page 7 of 8 Addendum G, Personnel Training **Approve**
Remove Chapter 8, June 30, 2008 and replace with Addendum G dated June 30, 2011

Page 8 of 8 Addendum H. Closure Plan **Approve**
Remove Chapter 11, June 30, 2005, and replace with Addendum H dated June 30, 2011

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

Page 2 of 2 Replace Materials for Ancillary Equipment (24590-WTP-PER-M-02-002 Revision 2) with Revision 3 in Appendix 7.9 of the DWP **Approve**

Page 2 of 3 Replace mechanical data sheet for Pulse Jet Ventilation system (PJV) High Efficiency Particulate Air (HEPA) Filter Preheater (PJV-HTR-00002) in Appendix 10.6 of the DWP **Approve**

Page 2 of 3 Replace mechanical data sheet for Melter Offgas Treatment Process system (HOP) HEPA Filter Preheaters (HOP-HTR-00001B/2A/5A/5B) in Appendix 10.6 of the DWP **Approve**

Page 2 of 3 Replace Engineering Specification for HEPA Filter Preheaters 24590-HLW-3PS-MEEO-TP001 in Appendix 10.7 of the DWP. **Approve**

Mr. Matthew S. McCormick, et al.
July 19, 2011
Page 3

Page 2 of 3 Replace General Arrangement (GA) drawings for the PTF EI.-45'0", 0'-0", 28'-0"
and 77'-0" in Appendix 8.4 of the Dangerous Waste Permit (DWP). **Concur**

Part V, Closure Unit Group 4, Single Shell Tank System, Revision 13, March 1, 2011
Dangerous Waste Permit Application Part A Form **Approved via**
Ecology letter to US Department of Energy dated June 3, 2011 (11-NWP-054)

If you have any questions, please contact me at 509-372-7924.

Sincerely,



Ron Skinnarland
Manager, Waste Management Section
Nuclear Waste Program

jvs

cc w/enc:

Lori A. Huffman, USDOE, H6-60	Stuart Harris, CTUIR
Woody Russell, USDOE	Gabriel Bohnee, NPT
William Taylor, USDOE-ORP	Russell Jim, YN
Stephen Weil, USDOE, A5-15	Susan Leckband, HAB
Brad Erlandson, BNI, MS: 7-A	Ken Niles, ODOE
Moussa Jaraysi, CHPRC, H8-43	Administrative Record: HSWP, H6-08
Kirk Peterson, MSA, E6-28	(TSD: H-0-1, T-2-6, H-0-8)
Eric Damberg, PNNL, K1-46	HFOR (Jennifer Ollero), MSA, H7-28
Roger Landon, WCH, H4-21	USDOE-ORP Correspondence Control
Phillip Peistrup, WRPS, H4-02	USDOE-RL Correspondence Control, A5-10
Environmental Portal, A3-95	

Hanford Facility RCRA Permit Modification Notification Form

Unit: Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part Part III, Operating Unit 3
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Description of Modification:
Addendum A, Part A Form

Remove Chapter 1, dated October 1, 2008, with Addendum A, dated June 30, 2011.

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: G.1.e
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 G.1.e. Tanks. Modification or addition of tank units or treatment processes necessary to treat wastes that are restricted from land disposal to meet some or all of the applicable treatment standards or to treat wastes to satisfy (in whole or in part) the standard of "use of practically available technology that yields the greatest environmental benefit" contained in 40 CFR 268.8 (a)(2)(ii), with prior approval of the director. This modification may also involve addition of new waste codes. It is not applicable to dioxin-containing wastes (F020, 021, 022, 023, 026, 027, and 028)

Modification Approved/Concur <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below) Reason for denial:	Reviewed by Ecology: <i>Rick Bond</i> F. W. Bond Date: <i>4/21/11</i>
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Hanford Facility RCRA Permit Modification Notification Form

Unit: Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part Part III, Operating Unit 3
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Description of Modification:
Addendum B, Waste Analysis Plan

Remove Chapter 3, dated June 30, 2007, and replace with Addendum B dated June 30, 2011

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes

Modification Approved/Concur Yes Denied (state reason below)
 Reason for denial:

Reviewed by Ecology:

F. W. Bond
 F. W. Bond
 Date: *4/21/11*

Hanford Facility RCRA Permit Modification Notification Form

Unit: Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part Part III, Operating Unit 3
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Description of Modification:
 Addendum C, Process Information

Remove Chapter 4, dated December 31, 2007, and replace with Addendum C dated June 30, 2011

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: G.1.e

Enter wording of WAC 173-303-830, Appendix I Modification citation:
 G.1.e. Tanks. Modification or addition of tank units or treatment processes necessary to treat wastes that are restricted from land disposal to meet some or all of the applicable treatment standards or to treat wastes to satisfy (in whole or in part) the standard of "use of practically available technology that yields the greatest environmental benefit" contained in 40 CFR 268.8 (a)(2)(ii), with prior approval of the director. This modification may also involve addition of new waste codes. It is not applicable to dioxin-containing wastes (F020, 021, 022, 023, 026, 027, and 028)

Modification Approved/Concur <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below) Reason for denial:	Reviewed by Ecology: <i>P. de Bond by E. Rind</i> 4/21/11 F. W. Bond Date
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Hanford Facility RCRA Permit Modification Notification Form

Unit:
**Liquid Effluent Retention Facility &
 200 Area Effluent Treatment Facility**

Permit Part
Part III, Operating Unit 3

Description of Modification:

Addendums E, F, and I:

Remove Chapter 6, dated June 30, 2007, and replace with Addendums dated June 30, 2011:

- Addendum E, Security Requirements
- Addendum F, Preparedness and Prevention
- Addendum I, Inspection Requirements

WAC 173-303-830 Modification Class

Please mark the Modification Class:

Class 1	Class 1	Class 2	Class 3
X			

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes

Modification Approved/Concur



Yes



Denied (state reason below)

Reason for denial:

Reviewed by Ecology:

F. W. Bond

F. W. Bond

4/21/11
Date

Hanford Facility RCRA Permit Modification Notification Form

Unit: Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part Part III, Operating Unit 3
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Description of Modification:
 Addendum G, Personnel Training:
 Remove Chapter 8, dated June 30, 2008, and replace with Addendum G dated June 30, 2011

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: B.5.b.
 Enter wording of WAC 173-303-830, Appendix I Modification citation:
 B.5.b. Changes in Training Plan: Other changes

Modification Approved/Concur <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below) Reason for denial:	Reviewed by Ecology: <i>F. W. Bond</i> F. W. Bond Date: <i>4/21/11</i>
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Hanford Facility RCRA Permit Modification Notification Form

Unit: Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility	Permit Part Part III, Operating Unit 3
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Description of Modification:

Addendum H, Closure Plan:

Remove Chapter 11, dated June 30, 2005, and replace with Addendum H dated June 30, 2011.

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes

Modification Approved/Concur <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below) Reason for denial:	Reviewed by Ecology: <i>Rick Bond by Ed Shindell</i> 4/21/11 F. W. Bond Date
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Quarter Ending March 31, 2011

24590-WTP-PCN-ENV-10-001

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

Index

Page 2 of 2: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant
Replace *Materials for Ancillary Equipment* (24590-WTP-PER-M-02-002 Revision 2) with Revision 3 in
Appendix 7.9 of the Dangerous Waste Permit (DWP).

Submitted by Co-Operator:

Donna Busche
D. M. Busche

3/1/11
Date

Reviewed by ORP Program Office:

[Signature]
D. L. Noyes

3/17/11
Date

Quarter Ending March 31, 2011

24590-WTP-PCN-ENV-10-001

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 modification is to replace the *Materials for Ancillary Equipment* (24590-WTP-PER-M-02-002 Revision 2) with Revision 3 in Appendix 7.9 of the DWP.

The following permitted document is submitted to replace the document currently in Appendix 7.9:

Appendix 7.9			
Replace:	24590-WTP-PER-M-02-002 Rev. 2	With:	24590-WTP-PER-M-02-002 Rev. 3

This modification requests Ecology approval of the revised document and incorporation of the changes into the permit. The updated document incorporates Ecology comments received with the approval letter for Rev. 2 (CCN 198279). In addition, the revised document contains other minor changes and updates.

The following identifies the types of changes on the attached document:

- Clarified the definition of ancillary equipment by adding examples of in-line equipment typically included at the WTP permitted facilities
- Review of inadvertent addition of Nitric Acid was added in Section 3
- Added a paragraph in Section 3.3 to clarify material selection for valves, as requested by Ecology (CCN 198279)
- Updated table in Section 3.3 by adding materials typically used in the higher temperatures
- Updated erosion allowances in Section 3.3
- Added a paragraph in Section 4 relative to the use equivalent materials per the DWP Condition III.10.C.10
- Other minor editorial changes

The following is a list of outstanding change documents that have not been incorporated into this modification:
None

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A1 and A3

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A. General Permit Provisions

1. Administrative and Informational changes
3. Equipment replacement or upgrading with functionally equivalent components (e.g., pipes, valves, pumps, conveyors, controls)

Modification Approved/Concur: Yes Denied (state reason below)

Reason for denial:

Reviewed by Ecology:

J. J. Wallace 4/4/11
J. J. Wallace Date

Quarter Ending June 30, 2011

24590-HLW-PCN-ENV-10-016

Hanford Facility RCRA Permit Modification Notification Form

Part III, Operating Unit 10

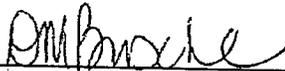
Waste Treatment and Immobilization Plant

Index

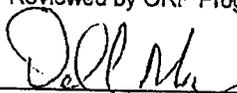
- Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant
- Replace mechanical data sheet for Pulse Jet Ventilation System (PJV) High Efficiency Particulate Air (HEPA) Filter Preheater (PJV-HTR-00002) in Appendix 10.6 of the Dangerous Waste Permit (DWP)
 - Replace mechanical data sheet for Melter Offgas Treatment Process System (HOP) HEPA Filter Preheaters (HOP-HTR-00001B/2A/5A/5B) in Appendix 10.6 of the DWP
 - Replace Engineering Specification for HEPA Filter Preheaters 24590-HLW-3PS-MEE0-TP001 in Appendix 10.7 of the DWP

Submitted by Co-Operator:

Reviewed by ORP Program Office:


D. M. Busche

4/27/11
Date


D. L. Noyes

5/18/11
Date

Quarter Ending June 30, 2011

24590-HLW-PCN-ENV-10-016

Hanford Facility RCRA Permit Modification Notification Form

Unit: Waste Treatment and Immobilization Plant	Permit Part: Part III, Operating Unit 10
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Description of Modification:

The purpose of this Class 1 prime modification is to update and replace the following Mechanical System Data Sheets and Specification currently in the DWP for the HLW facility:

Appendix 10.6	
Replace:	With:
24590-HLW-MED-PJV-P0002 Rev. 0	24590-HLW-MED-PJV-00002 Rev. 4
24590-HLW-MED-HOP-P0013 Rev. 0	24590-HLW-MED-HOP-00013 Rev. 4
Appendix 10.7	
24590-HLW-3PS-MEE0-TP001 Rev.1	24590-HLW-3PS-MEE0-T0001 Rev.1

This modification requests Ecology approval and incorporation into the permit the specific changes to the above DWP documents that are identified by revision bars indicating changes since the last revision of the permitted document. Changes to earlier revisions of source documents not captured by change bars are identified in the revision history summary. Revisions are the result of ongoing design (changes from vendor preliminary data to vendor detailed design) and incorporate general criteria from design verification review. The following identifies the significant changes that have been incorporated:

PJV and HOP Mechanical System Data Sheets (24590-HLW-MED-PJV-00002 and 24590-HLW-MED-HOP-00013)

- Revised title for greater specificity (from "HEPA PREHEATER" to "PJV HEPA PREHEATER" and from "HEPA PREHEATER" to "HOP HEPA PREHEATER")
- Updated process conditions, such as flow and flow rate, pressure, etc.
- Updated design data, such as insulation thickness and type, total number of heating elements, etc., as necessary per vendor design
- Updated Material Data for Plenum
- Added standards for Bolting, Gaskets, Heating Elements, and Insulation
- Added weight information
- Updated HEPA Filter Preheater dimensions
- Revised preheater sketch and added additional inlet/outlet thermowells, sensor thermowells, and shield plugs; added sketch of shield plug
- Updated Notes and added References
- Added Equipment Qualification Datasheet (EQD)

Engineering Specification for HLW HOP & PJV HEPA Filter Preheaters (24590-HLW-3PS-MEE0-T0001)

- Incorporated editorial/clarification changes throughout; and updated title and title page; Table of Contents; Section 1.4: Acronyms, Abbreviations and Definitions; Section 2.2: Codes and Standards; and Section 2.3: Reference Documents/Drawings
- Revised and updated Section 1.2 to better define scope and minimum requirements, and clarify details; revised to clarify that this specification applies to HEPA filter preheaters in the both the HOP and the PJV systems in the HLW facility
- Updated Section 1.2.1 and Section 1.6 to incorporate reference to "Mechanical Data Sheets (MDS)" and "Equipment Qualification Datasheets (EQD)"
- Added Section 2.4 to incorporate five Supplier Deviation Disposition Requests (SDDR) by reference
- Revised and updated Section 3 to incorporate additional scope and better define design and performance requirements
- Updated Section 3.4.1 to include ASME-NQA-2 quality assurance requirements

Quarter Ending June 30, 2011

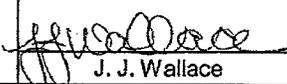
24590-HLW-PCN-ENV-10-016

- Deleted Sections 3.6.2 and 3.7.3 and replaced with new Sections 3.4.5 and 3.4.6 in order to clarify environmental conditions for electrical and control components consistent with application of 24590-WTP-3PS-JQ06-T0005
- Added Sections 3.7.12 and 3.7.13 to address design requirements for components designated as Safety Class; and Section 3.7.14 to address revised electrical isolation requirement
- Updated Section 4 to incorporate additional scope and better define materials documentation
- Updated Section 5 to incorporate additional fabrication details
- Updated Section 6 to incorporate additional shop test details
- Clarified Section 10, Submittals, by adding details for calculations/analysis
- Added Appendices A (not used), B (ANSI/AISC N690, Specification for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities – *Tailored*), C (ASME AG-1, Code on Nuclear Air and Gas Treatment – *Tailored*), and D (IEEE 384, IEEE Standard Criteria for Independence of Class 1E Equipment and Circuits – *Tailored*)

This modification requests Ecology approval and incorporation of the following outstanding change document(s) into the permit. Although not yet incorporated into the revised documents included in this PCN, the listed outstanding change document(s) are intended to be incorporated into the permit:
 No outstanding change documents.

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

Enter relevant WAC 173-303-830, Appendix I Modification citation number: NA
 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:  J. J. Wallace Date: 6/21/11
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Quarter Ending March 31, 2011

24590-PTF-PCN-ENV-10-029

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

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Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant
Replace General Arrangement (GA) drawings for the PTF El. -45'-0", 0'-0", 28'-0", and 77'-0" in Appendix 8.4
of the Dangerous Waste Permit (DWP).

Submitted by Co-Operator:

Donna Busche

D. M. Busche

3/7/11

Date

Reviewed by ORP Program Office:

D. L. Noyes

D. L. Noyes

4/5/11

Date

Quarter Ending March 31, 2011

24590-PTF-PCN-ENV-10-029

Hanford Facility RCRA Permit Modification Notification Form

Unit:

Waste Treatment and Immobilization Plant

Permit Part:

Part III, Operating Unit 10Description of Modification:

The purpose of this Class 1 modification is to update GA drawings for the PTF El. -45'-0", 0'-0", 28'-0", and 77'-0" in Appendix 8.4 of the DWP.

The following GA drawings are being submitted to replace the drawings currently in Appendix 8.4.

Appendix 8.4			
Replace:	24590-PTF-P1-P01T-P0001, Rev. 5	With:	24590-PTF-P1-P01T-00001, Rev. 7
Replace:	24590-PTF-P1-P01T-P0002, Rev. 3	With:	24590-PTF-P1-P01T-00002, Rev. 7
Replace:	24590-PTF-P1-P01T-00004, Rev. 3	With:	24590-PTF-P1-P01T-00004, Rev. 6
Replace:	24590-PTF-P1-P01T-P0006, Rev. 2	With:	24590-PTF-P1-P01T-00006, Rev. 4

This modification requests Ecology approval and incorporation into the permit the changes to these GA drawings that are identified by revision notes, clouds, and revision triangles. Revisions are the result of ongoing design. The following identifies the significant types of changes in the attached drawings:

PTF GA Plan at El. 0'-0" (24590-PTF-P1-P01T-00001):

- Revised Notes, Holds and Legend
- In room P-0123, reorganized layout of Ultrafilters and added equipment UFP-FILT-00004A/B, UFP-FILT-00005A/B, UFP-HX-00041A/B, UFP-PMP-00044A/B, UFP-PMP-00043A/B, and CNP-PMP-00001
- In room P-0123, relocated CXP-PMP-00001A/B, FEP-PMP-00008B, UFP-PMP-00041A/B, UFP-PP-00001A/B, UFP-PP-00002A/B, and UFP-PP-00003A/B
- Removed PJV-VSL-00002 in room P-0102 and PJV-BULGE-00001 in room P-0101
- Deleted jib cranes PIH-CRN-00006, PIH-CRN-00007, and PIH-CRN-00008 from room P-0123A
- Updated walls in rooms PCH03, PCH08, PCH12; relocated instrument rack DOW-RK-00001; added equipment in room P-0107; removed PCH02; and modified landings and ramps in rooms P-0101, P-0105, P-0105A, P-0105B, P-0110, P-0110C, P-0110D, and P-0116
- Updated design and layout of PTF Utility Building 12 (removed Hold 12)
- Updated design and layout of Partial Plan at El. 15'-0" shown in inset
- Revised the gypsum board wall, door, concrete base plate cap, down spout, exterior siding, and exterior fire riser enclosure locations
- Added PP0101B near CHW-VSL-00024 in room P-0101
- Added PP0150D near tanks RLD-TK-00006A/B in room P-0150

PTF GA Plan at El. 28'-0" (24590-PTF-P1-P01T-00002):

- Revised Notes, Holds and Legend
- Removed UFP-BRKPT-00001A from room P-0104
- Updated size of electrical equipment MVE-SWGR-00001 in room P-0215; reorganized electrical panels in room P-0224A
- Added desuperheater TLP-DHTR-00001 in room P-0209
- Combined chase PCH04 with PCH03, PCH09 with PCH08, PCH14 with PCH13, and PCH02 with PCH19
- Revised the gypsum board wall, door, concrete base plate cap, down spout, exterior siding, and exterior fire riser enclosure locations
- Removed equipment CXP-AX-0347 from room P-0111, DOW-PMP-00004 and DOW-PMP-00005 from within PCH06
- Relocated DOW-HTR-00007 within PCH06
- Redesigned platforms PP0201A, PP0201AA, PP0201AB, PP0206A, PP0207A, PP0208A, PP0209A, PP0210A, PP0212A, and PP0226A

Quarter Ending March 31, 2011

24590-PTF-PCN-ENV-10-029

- Relocated wall between room P-0118 and PC0203
- Added PSA-VSL-00001 and PSA-VSL-00002 in an area west of PTF Utility Building 12

PTF GA Plan at El. 77'-0" (24590-PTF-P1-P01T-00004):

- Revised Notes, Holds and Legend
- In room P-0418, wall added to create room P-0418B in order to separate PVV-FAN-00001A and PVV-FAN-00001B; reorganized layout of equipment and redesigned doors in P-0418, P-0418B
- In room P-0431A, reorganized layout of PJV-HEPA-00002A through PJV-HEPA-00002F
- In room P-0430, added PVP-BULGE-00019; also added DIW-BULGE-00002
- Updated walls in PCH03, PCH08, PCH12, PCH16; added or relocated doors in PC0409, PC0412, P-0420; removed PCH02; updated design and layout of equipment in room P-0429, P-0415, and P-0431; added and modified platforms
- Added equipment CNP-DHTR-00001 to room P-0427; added equipment including racks, C2V fan coil units (FCU), and CHW-VSL-00035 in various R2/C2 and R3/C3 rooms; added and relocated equipment ASX-PMP-00010A/B; relocated CHW-VSL-00023; revised locations of C3V HEPA filters
- Removed equipment C2V-COND-000193, C2V-COND-000194, C2V-COND-000196, SCW-VSL-00022, and C5V-INBLD-P036
- Revised platform elevations and numbering in various rooms

PTF GA Plan at El. -45'-0" (24590-PTF-P1-P01T-00006):

- Revised Notes, Holds and Legend
- Expanded the boundary of the Plant/Instrument Service Air Vessel Slab Outline
- Relocated PWD-LDB-00019 in room P-B001
- Added seal pot PWD-SP-00001 in room P-B002

The following is a list of outstanding change documents that have not been incorporated into this modification:

- 24590-PTF-P1-P01T-00006
 1. 24590-PTF-P1N-P01T-00105
 2. 24590-PTF-P1N-P01T-00110
 3. 24590-PTF-P1N-P01T-00129

WAC 173-303-830 Modification Class:	Class 1	Class 1	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 1 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: Yes Denied (state reason below)

Reason for denial:

Reviewed by Ecology:

J. J. Wallace 6/15/11
 J. J. Wallace Date