



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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November 8, 2011

11-NWP-129

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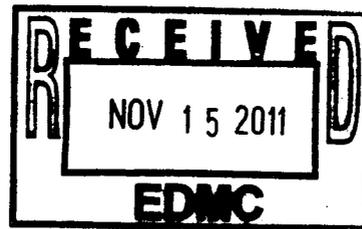
Mr. John G. Lehew, President
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Re: United States Department of Energy letter dated October 7, 2011, *Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit, Quarter Ending September 30, 2011*

Dear Gentlemen:

The Department of Ecology (Ecology) reviewed and approved the referenced quarterly Class 1 and Class 1 prime Modifications.

24590-WTP-PCN-ENV-11-003, Class 1 Modification: Submits a replacement for the WTP Interim Compliance Schedule included in Appendix 1.0. The proposed changes to the interim compliance dates and final compliance dates are based on the WTP Consent Decree milestones located in Appendix A, WTP Consent Decree Milestones, Schedule, Assumptions of Consent Decree Number 08-5085-FVS.



H-0-1, T-2-6, H-08



Appendix 7.7

24590-WTP-PCN-ENV-11-002, Class 1 Modification: Updates engineering specification 24590-WTP-3PS-MPC0-T0009 for Vessel-Mounted Vertical Transfer Pumps in the HLW. These specifications will be added to Appendix 10.7 and the outdated version will be deleted from Appendix 7.7.

24590-WTP-PCN-ENV-11-004, Class 1 Modification: Submits engineering specification 24590-WTP-3PS-PS02-T0003, "Field Fabrication and Installation of Piping," Revision 9 to replace Revision 8 currently found in Appendix 7.7.

Appendix 8.6

24590-PTF-PCN-ENV-08-008, Class 1 Modification: Updates mechanical data sheet 24590-PTF-MVD-PWD-00002, Revision 8, and equipment assembly mechanical drawings 24590-PTF-MV-PWD-00010001, Revision 0; 24590-PTF-MV-PWD-00010002, Revision 0; and, 24590-PTF-MV-PWD-00010003, Revision 0, for the PTF Plant Wash Vessel PWD-VSL-00044 to replace the corresponding permit documents in Appendix 8.6.

24590-PTF-PCN-ENV-10-031, Class 1 Modification: Updates the mechanical data sheet 24590-PTF-MKD-PVP-P0002, Revision 2, and engineering specification 24590-PTF-3PS-MKAS-T0001, Revision 1, for the PTF Vessel Vent Caustic Scrubber in Appendices 8.6 and 8.7.

24590-PTF-PCN-ENV-10-032, Class 1 Modification: Updates equipment assembly drawings for the PTF HLW Lag Storage Vessels HLP-VSL-00027A and HLP-VSL-00027B currently found in Appendix 8.6.

24590-PTF-PCN-ENV-10-033, Class 1 Modification: Updates the equipment assembly drawings for the HLW Feed Blend Vessel HLP-VSL-00028 currently found in Appendix 8.6.

24590-PTF-PCN-ENV-10-034, Class 1 Modification: Updates the equipment assembly drawings for the PTF HLW Feed Receipt Vessel HLP-VSL-00022 currently found in Appendix 8.6.

Appendix 8.7

24590-PTF-PCN-ENV-10-031, Class 1 Modification: Updates the mechanical data sheet 24590-PTF-MKD-PVP-P0002, Revision 2, and engineering specification 24590-PTF-3PS-MKAS-T0001, Revision 1, for the PTF Vessel Vent Caustic Scrubber in Appendices 8.6 and 8.7.

Appendix 10.6

24590-HLW-PCN-ENV-08-004, Class 1 Modification: Updates the mechanical datasheet 24590-HLW-MKD-HOP-00016, Revision 13, for the submerged bed scrubbers in Appendix 10.6.

24590-HLW-PCN-ENV-10-015, Class 1 Modification: Submits equipment assembly drawing (24590-HLW-MV-HDH-00003) and mechanical data sheet (24590-HLW-MVD-HDH-00003) for Waste Neutralization Vessel HDH-VSL-00003 to replace the permitted drawing and data sheet currently found in Appendix 10.6.

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24590-HLW-PCN-ENV-05-010, Class ¹ Modification: Submits mechanical data sheet 24590-HLW-MKD-HOP-00019 and engineering specification 24590-HLW-3PS-MBTV-T0002 for the HLW Melter Offgas Treatment Process System Thermal Catalytic Oxidizers/Reducers, (HOP-SKID-00005/7) to replace the permitted data sheet and specification currently located in Appendices 10.6 and 10.7.

24590-HLW-PCN-ENV-10-007, Class ¹ Modification: Submits two engineering specifications (24590-WTP-3PS-MACS-T0004 and 24590-WTP-3PS-MACS-T0005) and two mechanical data sheets (24590-HLW-MAD-HOP-00018 and 24590-HLW-MAD-HOP-00038) for the HLW Melter Offgas Treatment Process System Booster Fans and Stack Extraction Fans to replace the specifications currently located in Appendices 7.7 and 10.6.

Appendix 10.7

24590-HLW-PCN-ENV-05-010, Class ¹ Modification: Submits mechanical data sheet 24590-HLW-MKD-HOP-00019 and engineering specification 24590-HLW-3PS-MBTV-T0002 for the HLW Melter Offgas Treatment Process System Thermal Catalytic Oxidizers/Reducers, (HOP-SKID-00005/7) to replace the permitted data sheet and specification currently located in Appendices 10.6 and 10.7.

Appendix 10.11

24590-HLW-PCN-ENV-10-011, Class ¹ Modification: Updates the Independent Qualified Registered Professional Engineer (IQRPE) Structural Assessment Report for High Level Waste Secondary Containment elevations (-) 21'-0", between 0'-0", and (-)21'-0" and 37'-0" to replace three secondary containment IQRPE reports currently found in Appendix 10.11.

Appendix 10.7

24590-WTP-PCN-ENV-11-002, Class 1 Modification: Updates engineering specification 24590-WTP-3PS-MPC0-T0009 for Vessel-Mounted Vertical Transfer Pumps in the HLW. These specifications will be added to Appendix 10.7 and the outdated version will be deleted from Appendix 7.7.

Permit Attachment 2 Legal Description and Operating Boundary

Page 2 of 2

Remove "Official use Only" marking on page 2 and replace with "Does Not Contain Official use Only Information" marking.

325 Hazardous Waste Treatment Units

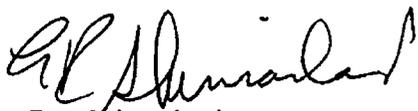
Page 2 of 3 OU-5 Permit Conditions

Page 3 of 3 Addendum J, Contingency Plan

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

Sincerely,



Ron Skinnarland
Manager, Waste Management Section
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cc:

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Stephen Weil, USDOE, A5-15
Brad Erlandson, BNL, MS: H4-02
Moussa Jaraysi, CHPRC, H8-43
Kirk Peterson, MSA, E6-28
Eric Damberg, PNNL, K1-46
Roger Landon, WCH, H4-21
Phillip Peistrup, WRPS, E6-20
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Stuart Harris, CTUIR
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Ken Niles, ODOE
Administrative Record: HSWP, H6-08
(TSD: H-0-1, T-2-6, H-0-8)
HFOR (Jennifer Ollero), MSA, H7-28
USDOE-ORP Correspondence Control
USDOE-RL Correspondence Control, A5-10