



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

June 17, 2008

Ms. Shirley J. Olinger, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

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

Re: Submittal of Hanford Facility RCRA Permit Modification Notification Form
24590-WTP-PCN-ENV-06-011; Class 1¹ Modification to the Hanford Facility Resource
Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion, for the
Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit 10
(Waste Treatment and Immobilization Plant), WA7890008967

Dear Ms. Olinger and Mr. Elkins:

The Department of Ecology approves the referenced Class 1¹ Modification submitted May 13, 2008.
The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-WTP-PCN-ENV-06-011 provides the updated *Engineering Specification
For Field-Erected Tanks Design and Fabrication* (24590-WTP-3PS-MTF5-T0001, Revision 0).
This replaces the current permit specification in Appendix 7.7.

If there are any questions, contact me at 509-372-7882 or Jerry Hensley at 509-372-7907.

Sincerely,

Brenda Becker-Khaleel
WTP Permit Writer
Nuclear Waste Program

aah/jc
Enclosure

cc: See next page

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Ms. Olinger and Mr. Elkins
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cc electronic w/enc:

Dave Bartus, EPA
John Eschenberg, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Don Sommer, USDOE
William Taylor, USDOE
Julie Colby, BNI
Brad Erlandson, BNI
Peggy Fisher, BNI
Stan Hill, BNI
Dennis Klein, BNI
Sandi Murdock, BNI
Suzette Thompson, FHI
Phil Peistrup, WGI

cc w/enc:

Administrative Record: Tank Waste Treatment Requirements ✓
Environmental Portal
Hanford Operating Record General File
USDOE-ORP Correspondence Control

Quarter Ending 6/30/08

24590-WTP-PCN-ENV-06-011

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 permit Specification 24590-WTP-3PS-MTF5-TP001, Rev. 0, Engineering Specification for Field-Erected Tanks Design and Fabrication in Appendix 7.7 of the Dangerous Waste Permit.

Submitted by Co-Operator:

Reviewed by ORP Program Office:

D. A. Klein
D. A. Klein

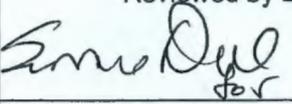
4/24/08
Date

S. J. Olinger
S. J. Olinger

5/13/08
Date

Quarter Ending 6/30/08

24590-WTP-PCN-ENV-06-011

Hanford Facility RCRA Permit Modification Notification Form					
Unit: Waste Treatment and Immobilization Plant		Permit Part & Chapter: Part III, Operating Unit 10			
<u>Description of Modification:</u> The purpose of this Class 1 prime modification is to update 24590-WTP-3PS-MTF5-TP001, Rev 0, <i>Engineering Specification for Field-Erected Tanks Design and Fabrication</i> .					
The following specification is being submitted to replace the specification currently in Appendix 7.7.					
Appendix 7.7					
Replace:	24590-WTP-3PS-MTF5-TP001, Rev. 0	With:	24590-WTP-3PS-MTF5-T0001, Rev. 0		
This modification requests Ecology approval and incorporation into the permit the specific changes that have been issued since the last revision of the permit specification. The current permit specification was prepared from the draft source document, Rev B. Revisions are the result of ongoing design (changes from vendor preliminary data to vendor detailed design) and incorporates general criteria from a design verification review. The following identifies the significant changes that have been revised on the attached specification.					
<ul style="list-style-type: none"> Deleted "NACE International Recommendation Practices, RP0575, 'Internal Cathodic Protection in Oil Treating Vessels'" [corrosion allowance built into the thickness of tank wall as opposed to installing internal sacrificial anodes in the tank] (section 2.1.15) Deleted reference to RP0575 (section 4.4.1) Deleted reference to RP0575 (section 7.3.1) 					
The following is a list of outstanding change documents that have not been incorporated into this modification:					
<ul style="list-style-type: none"> 24590-WTP-3PN-MTF5-00003 					
WAC 173-303-830 Modification Class: ^{1 2}		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:		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 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 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: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)		Reviewed by Ecology:			
Reason for denial:		 B. Becker-Khaleel			
		6/17/08 Date			

¹ Class 1 modifications requiring prior Agency approval.

² If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class ¹1, if applicable.