



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

October 31, 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-08-008; Class <sup>1</sup>1 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 Class <sup>1</sup>1 Modification transmitted with letter 08-ESQ-155 on October 1, 2008. The modification provides the updated Part A form, Revision 2, for the Waste Treatment and Immobilization Plant. Transmittal letter 08-ESQ-155 references modification 24590-WTP-PCN-ENV-06-005 which was the designation used for an informal submittal of a previous version of the Part A form in August 2006. The approved Hanford Facility RCRA Permit Modification Notification Form, 24590-WTP-PCN-ENV-08-008 is enclosed.

The updated Part A form replaces the current permit Part A form in Part III, Operating Unit 10, Chapter 1.

If there are any questions, contact me at 509-372-7899.

Sincerely,

*E. Fredenburg*

Ed Fredenburg  
Tank Waste Disposal Project Specialist  
Nuclear Waste Program

bbk/jc  
Enclosure

cc: See next page

RECEIVED  
NOV 04 2008  
EDMC

Ms. Olinger and Mr. Elkins

October 31, 2008

Page 2

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 September 30,  
2008

24590-WTP-PCN-ENV-08-008

---

**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  
Update the Part A Permit Application in Chapter 1 of the Dangerous Waste Permit.

Submitted by Co-Operator:

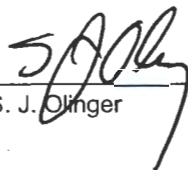
Reviewed by ORP Program Office:



9/18/08

D. A. Klein

Date



S. J. Dinger

9/30/08

Date



Quarter Ending September 30,  
2008

24590-WTP-PCN-ENV-08-008

### Hanford Facility RCRA Permit Modification Notification Form

Unit:

**Waste Treatment and Immobilization Plant**

Permit Part & Chapter:

**Part III, Operating Unit 10**

Description of Modification:

The purpose of this Class 1 prime modification is to update and replace the existing permitted Part A Permit Application.

This modification requests Ecology approval and incorporation into the permit the above mentioned Part A. The following changes have been made to the Part A:

- Updated Section XII "Process Code Design Capacities" associated with revised glass production rates of 50 metric tons per day of ILAW and 7.5 Mt/day of IHLW
- Updated Section XIV "Description of Dangerous Wastes"
- Updated photo of the WTP Construction Site
- Updated facility map

WAC 173-303-830 Modification Class: <sup>1 2</sup>

Please mark the Modification Class:

Class 1

Class <sup>1</sup>1

Class 2

Class 3

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 <sup>1</sup>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."

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> 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 '1, if applicable.

Quarter Ending September 30,  
2008

24590-WTP-PCN-ENV-08-008

Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>  	Reviewed by Ecology:  <i>B. Becker-Khaleel</i> 10/31/08 B. Becker-Khaleel Date
-----------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------