



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

May 8, 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

RECEIVED
MAY 13 2008

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

EDMC

Re: Submittal of Hanford Facility RCRA Permit Modification Notification Form 24590-WTP-PCN-ENV-06-001; Class 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 referenced Class ¹ Modification submitted November 8, 2007. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-WTP-PCN-ENV-06-001 provides the updated Piping and Instrumentation Diagram (P&ID) Symbols and Legends (24590-WTP-M6-50-P0001 through P0006, Revision 2, and 24590-WTP-M6-50-P0007 and P0008, Revision 0). These replace the current permit P&ID Symbols and Legends in Appendix 5. To improve permit organization, when the Hanford Facility Dangerous Waste Permit is re-issued the P&ID Symbols and Legends will be moved to Appendix 7.2.

During the transition period from permit drawings to engineering source drawings, the parties agree you may show in phantom, items not requiring an installation inspection or inclusion in the Independent Qualified Registered Professional Engineer report. Ecology is approving the design changes identified in the Permittees' submittal. Decisions on the regulation of items shown in phantom will be made later. At the end of the transition period, permit submittals will contain engineering source documents and will be incorporated into the permit as described in Ecology Publication # 07-05-006 (www.ecy.wa.gov/biblio/nwp.html).



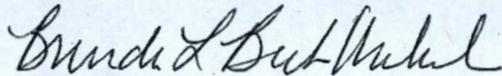
Ms. Olinger and Mr. Elkins

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If there are any questions, contact me at 509-372-7882 or Ed Fredenburg at 509-372-7899.

Sincerely,



Brenda Becker-Khaleel
WTP Permit Writer
Nuclear Waste Program

bbk/jc
Enclosure

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 12/30/07

24590-WTP-PCN-ENV-06-001

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
Update WTP Vitrification Building Piping and Instrumentation Diagrams (P&ID), "P&ID Symbols and Legend"
in Appendix 5 of the Dangerous Waste Permit.

Submitted by Co-Operator:

Reviewed by ORP Program Office:

D. A. Klein
D. A. Klein

10/29/07
Date

T. J. Olinger for
S. J. Olinger

11/07/07
Date

Quarter Ending 12/30/07

24590-WTP-PCN-ENV-06-001

Hanford Facility RCRA Permit Modification Notification Form

Unit:

Waste Treatment and Immobilization Plant

Permit Part & Chapter:

Part III, Operating Unit 10Description of Modification:

The purpose of this Class 1 prime modification is to update Piping and Instrumentation Diagrams, "P&ID Symbols and Legend," sheets one through six. The following permit P&IDs are submitted to replace those currently in Appendix 5.

Appendix 5

Replace:		With:	
	24590-WTP-M6-50-P0001, Rev. 1		24590-WTP-M6-50-P0001, Rev. 2
	24590-WTP-M6-50-P0002, Rev. 1		24590-WTP-M6-50-P0002, Rev. 2
	24590-WTP-M6-50-P0003, Rev. 1		24590-WTP-M6-50-P0003, Rev. 2
	24590-WTP-M6-50-P0004, Rev. 1		24590-WTP-M6-50-P0004, Rev. 2
	24590-WTP-M6-50-P0005, Rev. 1		24590-WTP-M6-50-P0005, Rev. 2
	24590-WTP-M6-50-P0006, Rev. 1		24590-WTP-M6-50-P0006, Rev. 2
			24590-WTP-M6-50-P0007, Rev. 0
			24590-WTP-M6-50-P0008, Rev. 0

The referenced P&IDs are complete revisions. They incorporate changes provided in applicable document change forms (DCNs) and changes associated with the resolution to comments on DCNs since the issuance of the last revision of the permit drawings. This modification requests Ecology approval of the specific changes to these P&IDs that are indicated by notes, clouds, and revision triangles shown on the "information only" version of the permit drawings included to support review of this PCN. Unclouded versions of the permit drawings are provided for incorporation into the permit. Revisions are the result of ongoing design changes. The following identifies the significant types of changes on the attached drawings.

Summary of changes to Symbols and Legends sheets 1-8:

- Added and modified symbols
- Added and modified descriptions of symbols
- Added and deleted notes
- Moved symbols to other categories/columns or sheets:
- Added naming conventions to -P0002
- Modified instrument code letter identification on -P0004
- Added and modified typical P&ID details (e.g., fluidics details on -P0006)
- Added two drawings -P0007 and -P0008 to handle overflow from other drawings
- Added piping slope notes to -P0008

There are no outstanding DCNs against these drawings.

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24590-WTP-PCN-ENV-06-001

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: NA				
Enter wording of WAC 173-303-830, Appendix I Modification citation: NA				
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(d)(ii) 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:		 5/8/08 B. Becker-Khaleel 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 '1, if applicable.