

The U.S. Department of Energy plans to hold a 60-day public comment period on proposed modifications to the Hanford Facility Dangerous Waste Permit. This Class 3 modification involves updating the part A and part B permit application material, which includes submittal of a closure plan for a storage area at the Waste Encapsulation Storage Facility's (WESF) Treatment, Storage, and Disposal unit (TSD unit) that is no longer needed for operations. This modification and associated Air Operating Permit modifications will authorize construction to support ventilation upgrades and will detail the steps necessary to grout and support closure of hot cells A-F at WESF.

All Class 3 Hanford permit changes require public comment on the proposed permit modification request, as well as a public meeting. The comment period for this modification is expected to begin in early December. Ecology will then hold a second public comment period to support this Class 3 Modification.



Public Comment Period on Proposed Updates to Permit for Hanford Dangerous Waste Management Units

The U.S. Department of Energy Richland Operations Office (DOE-RL) is holding a 60-day comment period on proposed Class 2 modifications to Attachments 4 and 9 of the Hanford Facility Dangerous Waste Permit. These changes clarify emergency preparedness and response requirements. We want your input!

September 2014

U.S. Department of Energy

Background

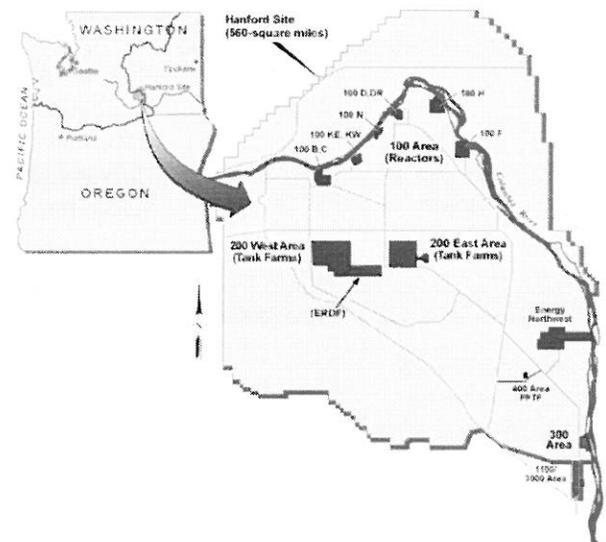
The proposed Class 2 modifications update information in the Hanford Emergency Management Plan (Attachment 4) and the Permit Applicability Matrix (Attachment 9). The proposed changes address requirements applicable to *interim status TSD units*. The term “*interim status TSD units*” refers to facilities that have not yet received a permit, but must comply with Washington Administrative Code, Chapter 173-303, Section 400, self-implementing standards to treat, store, or dispose (TSD) of dangerous waste.

Hanford Emergency Management Plan: This document provides an overview of the Hanford Site emergency management program. Appendix A of this document provides a table showing how emergency preparedness and response requirements are met. The proposed modification adds language to the table explaining how emergency preparedness and response requirements are met for interim status TSD units.

Permit Applicability Matrix: Numerous waste management locations exist at the Hanford Site. The Applicability Matrix divides the locations into various categories. For each category, the matrix specifies if permit requirements apply. The proposed modification revises the matrix to indicate that emergency preparedness and response requirements apply to interim status TSD units.

For information The permittee’s compliance history during the life of the permit being modified is available from the department of ecology contact person, Suzanne Dahl, Washington State Department of Ecology, at (800) 321-2008, or email Hanford@ecy.wa.gov. Copies of the proposed permit modification and supporting documentation are available at the Administrative Record, 2440 Stevens Drive, Richland, WA.

Class 2 Modifications: Periodic updates to the permit, such as response to new regulations, technological advancements, and variations in waste types or quantities. All Class 2 RCRA permit changes require Ecology approval.



TPA Change Package Fact Sheet

U.S. Department of Energy
 Richland Operations Office
 P.O. Box 550, A7-75
 Richland, WA 99352

How you can become involved

A 60-day public comment period on *proposed Class 2 modifications to Attachments 4 and 9 of Hanford's Dangerous Waste Permit* will run **September 15 through November 13, 2014**. A public meeting will be held October 8, 2014 at 6 p.m., at the Richland Public Library, 955 Northgate Dr., Richland, WA 99352. **Please submit comments by November 13, 2014 to:**



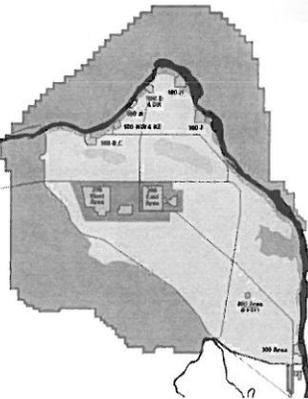
Suzanne Dahl
 Washington State Department of Ecology
 3100 Port of Benton Boulevard
 Richland, WA 99354
 Email: Hanford@ecy.wa.gov



The documents are available for review at the Public Information Repositories listed below.

<p>Portland State University Government Information Branford Price Millar Library 1875 SW Park Avenue Portland, OR 97207-1151 Attn: Claudia Weston (503) 725-4542 Map:http://www.pdx.edu/map.html</p>	<p>University of Washington Suzzallo Library Government Publications Dept. Box 352900 Seattle, WA 98195-2900 Attn: Cass Hartnett (206) 7685-3130 Map: http://tinyurl.com/m8ebj</p>	<p>US. Department of Energy Public Reading Room Washington State University, Tri Cities Consolidated Information Ctr., Rm. 101-L 2770 University Drive Richland, WA 99352 Attn: Janice Scarano (509) 372-7443 Map:http://www.tricity.wsu.edu/campusmaps/campusmap.pdf</p>	<p>Gonzaga University Foley Center Library East 502 Boone Avenue Spokane, WA Attn: John Spencer (509) 313-6110 Map:http://tinyurl.com/2c6bpm</p>
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Administrative Record and Public Information Repository:
Address: 2440 Stevens Center Place, Room 1101, Richland, WA.
Phone: 509-376-2530 **Web site:** www2.hanford.gov/arpit/



Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs)

September 2014

U.S. Department of Energy

The U.S. Department of Energy Richland Operations Office (DOE-RL) is holding a 60-day comment period on proposed Class 3 modifications to the Hanford Facility Dangerous Waste Permit. The proposed changes add waste treatment and storage capacity at the 325 Hazardous Waste Treatment Units (HWTUs).

BACKGROUND

The Department of Energy, Richland Operations Office (DOE-RL) and Pacific Northwest National Laboratory (PNNL) have filed a temporary authorization request with the Washington State Department of Ecology. DOE-RL and PNNL seek to treat and store a limited amount of waste in new units being added to the 325 Hazardous Waste Treatment Units (HWTUs) located in the 300 Area of the Hanford Site.

The proposed Class 3 modifications add three new discrete portions of the Radiochemical Processing Laboratory (RPL or 325 Building) as areas where permitted storage and treatment of waste may occur. The modification revises the unit-specific conditions and each Addendum (except for the contingency plan) for the 325 HWTUs. Along with the addition of the units, other conforming changes are also being made. A temporary authorization request was also submitted in order to treat and store wastes while the permit modification process proceeds.

Class 3 Permit Modifications: Updates to the Hanford Facility Dangerous Waste Permit, such as substantial alteration of the facility or its operation. All Class 3 modifications require approval from the Washington State Department of Ecology.



The modification includes:

Addition of Units:

The Permittees, DOE-RL and Pacific Northwest National Laboratory (PNNL), are adding three units to the permitted 325 HWTUs. These new units are needed to enable the treatment of waste by placing waste containers in large boxes and filling them with cement. This treatment is sometimes required by Hanford's waste acceptance criteria for burial and/or the Washington Dangerous Waste Regulations.

The units being added are:

Cask Handling Area:

A portion of Room 603 and 604A in RPL. This area has a heavier floor loading limit and a large capacity bridge

PUBLIC COMMENT

DOE-RL wants your feedback on these proposed modifications. The public comment period will run from **August 18 through October 17, 2014**. A public meeting will be held on September 4, 2014 at 6:30 p.m., at the PNNL Environmental Technology Building, 3200 Innovation Boulevard, Richland, WA 99354.

Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs) continued



325 Hazardous Waste Treatment

crane. This unit would be used to load heavy waste containers in larger containers or boxes and temporarily store these larger containers.

Truck Lock:

Room 610 in RPL, adjacent to Room 603. This area is built on grade with heavy concrete and has a large roll-up door and truck ramp. The Truck Lock would be used when heavy containers or boxes are being filled with grout and for storage of those containers. It can also be used to pre-stage shipments of waste containers to Hanford pending pickup.

3714 Pad:

This is the concrete foundation pad for the former 3714 Building northeast of RPL; 3714 was demolished in 2000. This pad and adjacent soil area will be used to stage waste boxes and containers for shipment. Staging/storage in this area allows the waste to be out of Laboratory operational areas

while awaiting shipment and also facilitates easy inspection.

Because placement of containerized waste in boxes increases the volume of the waste to the size of the box, the stated capacity of the 325 HWTUs is being significantly increased. This increase is intended to facilitate the operations in the units being added. The Permittees are not expanding the scope of 325 HWTUs operations, which is focused on waste management for PNNL research activities.

Highlights of Other Changes:

The 325 HWTUs permit addenda are being revised to add enforceable details in a few areas:

Security and Preparedness and Prevention Addenda:

References to outdated documents were replaced with current, unit-specific text.

Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs) continued

Training Addendum:

Retraining frequencies are added for each class of coursework required. This was maintained in the training plan, but is now in the permit.

The DOE-RL contact for this permit change is Kristen Skopeck, (509) 376-5803. The Washington State Department of Ecology contact is Stacy Nichols, (800) 321-2008.

Closure Plan Addendum:

Clarifies that all 325 HWTUs container storage areas utilize a similar approach when closing, whether the rest of the 325 HWTUs is closing or not. This is called "partial closure". The hot cells and tank are now linked for closure due to engineering changes that make clean closure of either the hot cells or the tank dependent on the other.

The permittees' compliance history during the life of the permit being modified is available from the Ecology contact.

Copies of the proposed permit modification and supporting documentation are available at the Administrative Record, 2440 Stevens Drive, Richland.

How you can become involved

A 60-day public comment period on proposed Class 3 modifications to Part III of Hanford's Dangerous Waste Permit will run from **August 18 through October 17, 2014**. A public meeting will be held **September 4, 2014** from 6:30 p.m. at the PNNL Environmental Technology Building, 3200 Innovation Boulevard, Richland, WA 99354.

Comments should be submitted by October 17, 2014 to:



Stacy Nichols
Washington Department of Ecology
3100 Port of Benton Boulevard
Richland, WA 99354
Email: Hanford@ecy.wa.gov



The documents are available for review at the Public Information Repositories listed below.

Portland State University
Government Information
Branford Price Millar Library
1875 SW Park Avenue
Portland, OR 97207-1151
Attn: Claudia Weston
(503) 725-4542
Map: <http://www.pdx.edu/map.html>

University of Washington
Suzzallo Library
Government Publications Dept.
Box 352900
Seattle, WA 98195-2900
Attn: Hilary Reinert
(206) 543-5597
Map: <http://tinyurl.com/m8ebj>

US. Department of Energy
Public Reading Room
Washington State University, Tri Cities
Consolidated Information Ctr.,
Rm. 101-L
2770 University Drive
Richland, WA 99352
Attn: Janice Parthree (509) 372-7443
Map: <http://www.tricity.wsu.edu/campusmaps/campusmap.pdf>

Gonzaga University
Foley Center Library
East 502 Boone Avenue
Spokane, WA
Attn: John Spencer
(509) 313-6110
Map: <http://tinyurl.com/2c6bpm>

Administrative Record and Public Information Repository:
Address: 2440 Stevens Center Place, Room 1101, Richland, WA.
Phone: 509-376-2530 Web site address: www2.hanford.gov/arpir/

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