



Proposed Tri-Party Agreement Changes to Status of the 216-U-12 Crib

U.S. Department of Energy - Washington State Department of Ecology - U.S. Environmental Protection Agency

The U. S. Department of Energy (USDOE), the Washington State Department of Ecology (Ecology), and the U.S. Environmental Protection Agency (EPA) are the agencies responsible for the Hanford cleanup. They want your input on proposed changes to the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement). The proposed changes are to correct the regulatory status of the 216-U-12 Crib from a treatment, storage and disposal (TSD) site to a Resource Conservation and Recovery Act (RCRA) past practice site.

Background

The 216-U-12 Crib is located in the 200 Area (Central Plateau) of the Hanford Site near the 221-U Building. The 216-U-12 Crib was built in 1960 and was operational until 1988, when the pipelines were cut and capped. The crib is approximately 15 feet deep, 150 feet long and 60 feet wide at the surface. This crib received liquid mixed waste from the 221-U Building. Currently the site consists of a backfilled trench overlain with gravel, a polyethylene barrier and soil backfill.

What we are proposing

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) describes different regulatory authorities. Some waste management units on the Hanford Site were classified as treatment, storage, or disposal (TSD) units. Those units are subject to Chapter 70.105 of the Revised Code of Washington. All other waste management units are classified as past practice units. They are subject to either the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, also known as the Superfund Law) or the corrective action provisions of the Resource Conservation and Recovery Act (RCRA). The 216-U-12 crib is a hazardous waste management unit that is classified as a TSD.

The 216-U-12 Crib is a trench that was backfilled with gravel and dirt



In May 2005 the US DOE assembled and reviewed historical records related to the 216-U-12 crib. They also located and interviewed a process

engineer who worked in the UO3 building during 1987. The interview and historical records (engineering log books, operations log books, official correspondence, a plant operating procedure, a temporary work procedure, and a work plan) demonstrate that hazardous waste was not discharged to the 216-U-12 crib after July 27, 1987. August 19, 1987 is the agreed upon date between Ecology and DOE when the mixed waste rule applies. Based on this information, The Parties propose to reclassify the 216-U-12 crib as a RCRA past practice site that is part of the larger CERCLA remedial action encompassing U-Plant cleanup.

Public Comment

The Tri-Party agencies want your feedback on the proposed changes.

The public comment period will run from October 5 through November 21, 2005.



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Washington State Department of Ecology

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If reclassified, the 216-U-12 crib would be addressed as part of CERCLA actions proposed for 32 other soil waste sites in the vicinity of the 221-U Building. The proposed CERCLA actions are identified in the "Proposed Plan for the 200-UW-1 Operable Unit" (DOE/RL-2003-24) that is available at the Hanford Public Information Repositories. The proposed action for the 216-U-12 crib would be to construct an engineered surface barrier over the crib for groundwater and human health protection, as well as ecological protection by preventing intrusion from plants and burrowing animals. Institutional controls (e.g., deed

restrictions, land-use zoning, and excavation permits) would be required to minimize the potential for exposure to contamination or compromising the effectiveness of the barrier. It will be necessary to maintain institutional controls for 150 years or longer to ensure that human and biological intruders do not breach the barriers and create pathways for contamination. The State of Washington has identified no substantive differences between the proposed action under CERCLA versus the actions that would take place under RCRA requirements for closure and corrective action at a TSD.

How you can become involved

A 45-day public comment period on the proposed changes will be held from **October 5 through November 21, 2005**. The agencies want your feedback on the changes proposed for the 216-U-12 Crib and will consider all comments before the changes are made final. No public meeting is scheduled at this time. To request a public meeting, call John Price, Ecology (509-372-7921) or Kevin Leary, USDOE (509-373-7285).

Please submit comments to:



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To obtain a copy of the documents call the Hanford Cleanup Line 1-800-321-2008.

The proposed changes can be viewed online at <http://www.hanford.gov/tpa/changelist.htm>

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

HANFORD PUBLIC INFORMATION REPOSITORY LOCATIONS

Portland

Portland State University
Branford Price and Millar Library
934 SW Harrison
Attn: Judy Andrews (503) 725-4126

Richland

U.S. Department of Energy Public Reading Room
Washington State University, Tri-Cities
Consolidated Information Center, Room 101-L
2770 University Drive
Attn: Janice Parthree (509) 372-7443

Seattle

University of Washington
Suzzallo Library
Government Publications Division
Attn: Eleanor Chase (206) 543-4664

Spokane

Gonzaga University Foley Center
East 502 Boone
Attn: Linda Pierce (509) 323-6110

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

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