



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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September 21, 2010

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Re: Proposed Permit Modification of the *Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant, WA7890008967*

Dear Gentlemen:

This letter transmits the proposed permit modification to Part III, Operating Unit 10, Waste Treatment and Immobilization Plant (WTP) of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste*, hereafter called the "WTP Permit."



Washington Administrative Code (WAC) 173-303-840(3) requires a 45-day public review of the permit modification. The public review begins September 27, 2010, and ends November 12, 2010.

Copies of the permit modification are located at the Hanford Public Information Repositories in Richland, Spokane, and Seattle, Washington and in Portland, Oregon. It will be available on-line starting September 27, at: <http://www.ecy.wa.gov/programs/nwp/index.html>. DVD copies are available upon request.

This modification to the WTP Permit consists of the following secondary containment design packages:

- **Low-Activity Waste (LAW) Design Package LAW-034, Revision 0, Tank System Secondary Containment for LAW ASX Samplers** includes:
 - General Arrangement Plan at +48-foot elevation.
 - Secondary Containment Design.
 - Leak Detection in Secondary Containment Systems.
 - Dangerous Waste Permit (DWP) Liner Heights in the LAW Facility.
 - Independent Qualified Registered Professional Engineers (IQRPE) Integrity Assessment Report for the LAW Autosampling System (ASX).
- **Pretreatment Facility (PTF) Design Package PTF-099, Revision 0, Tank System Secondary Containment for PTF ASX Samplers** includes the IQRPE Integrity Assessment Report for the ASX secondary containment.

The following items are also included in this modification:

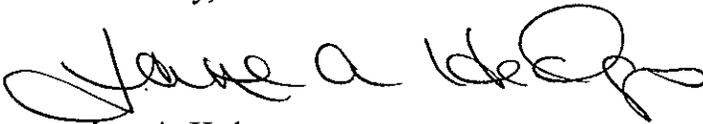
- **24590-WTP-PER-M-08-001** focuses on the Integrity Assessment Program and Schedule for DWP-regulated equipment in the Analytical Laboratory and the LAW Facility.
- **24590-WTP-PER-M-08-002** describes the Integrity Assessment Program and Schedule for DWP-regulated equipment in the PTF and the High-Level Waste Facility.
- **CCN 169564** describes the IQRPE Structural Integrity Assessment Report for LAW Secondary Containment.
- **24590-PTF-PER-M-04-0010** addresses the leak detection capability in the PTF.
- **24590-PTF-PER-M-04-0011** addresses the waste removal capability for the PTF.
- **24590-WTP-PCN-ENV-10-002** revises the permit condition for notification to Ecology of minor nonconformance or construction deficiencies. These deficiencies are from approved designs, plans, and specifications in the construction of critical systems as defined in the Hanford Site-wide permit. The reporting period is changed from five calendar days to seven calendar days.

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The modification also contains a revision to Permit Conditions III.10.C.9.d and III.10.C.9.h. Pursuant to WAC 173-303-830(3), only the conditions that are subject to this modification are opened for comment. All other aspects of the existing WTP Permit remain in effect for the duration of the modification.

If there are any questions, contact Annette Carlson at 509-372-7897.

Sincerely,



Jane A. Hedges
Program Manager
Nuclear Waste Program

ac:lkd
Enclosures

cc electronic w/o enc:

RJ Corey, USDOE
Lori Huffman, USDOE
Dale Knutson, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Delmar Noyes, USDOE
Don Sommer, USDOE
William Taylor, USDOE
Jan Brown, BNI
Donna Busche, BNI
Julie Colby, BNI
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Brad Erlandson, BNI
Peggy Fisher, BNI
Dennis Klein, BNI
Dan Robertson, BNI
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cc w/enc, CD-ROM:

Dave Bartus, EPA
Barry Curn, BNI
Suzette Thompson, MSA
(Hanford Operating Record General File)
Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Susan Leckband, HAB
Ken Niles, ODOE
Administrative Record:
Waste Treatment Plant (TSD #H-0-8)
Environmental Portal
USDOE Correspondence Control
USDOE-ORP Correspondence Control

cc w/enc, hard copy:

Administrative Record: Waste Treatment Plant (TSD #H-0-8)
BNI Correspondence Control
EPA Region 10 Correspondence Control
USDOE Reading Room
WRPS Correspondence Control