



U.S. Department of Energy
Office of River Protection

0063986

P.O. Box 450, MSIN H6-60
Richland, Washington 99352

FEB 17 2005

05-ED-007

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99352

RECEIVED
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EDMC

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGES NO. PTF-013, REVISION 1, AND
PTF-017, REVISION 1, FOR THE WASTE TREATMENT AND IMMOBILIZATION PLANT

- References:
1. WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste, Chapter 10 and Attachment 51, 'Waste Treatment and Immobilization Plant.'" 61607
 2. ORP letter from R. J. Schepens to M. A. Wilson, Ecology, "Submittal of Permit Design Package Nos. PTF-013, PTF-031, PTF-068 and PTF-070 for the Waste Treatment and Immobilization Plant (WTP)," 04-ED-038, dated April 16, 2004.
 3. ORP letter from R. J. Schepens to M. A. Wilson, Ecology, "Submittal of Permit Design Packages Nos. PTF-017 and PTF-032 for the Waste Treatment and Immobilization Plant (WTP)," 03-ED-159, dated October 29, 2003. 60685
 4. Ecology letter from M. A. Wilson to R. J. Schepens, ORP, K. A. Klein, RL, and J. P. Henschel, BNI, "Completion of the June 2004 Modification of the Waste Treatment and Immobilization Plant Dangerous Waste Permit," dated July 23, 2004. 62330
 5. Ecology letter from M. A. Wilson to R. J. Schepens, ORP, K. A. Klein, RL, and J. P. Henschel, BNI, "Completion of the April 2004 Modification of the Waste Treatment and Immobilization Plant Dangerous Waste Permit," dated April 22, 2004. 61713

The purpose of this letter is to identify updates to the Pretreatment Facility (PTF) Treated Low-Activity Waste Evaporation Process (TLP) Vessels TLP-VSL-00009A and TLP-VSL-00009B, and the PTF Treated LAW Concentrate Storage Process (TCP) Vessel TCP-VSL-00001, for inclusion in the Dangerous Waste Permit (DWP) Reference 1. These updates are being provided to support the scheduled installation date of February 22, 2005, for these vessels. References 2 and 3 submitted the initial permit information for these vessels to the State of Washington Department of Ecology (Ecology). In References 4 and 5, Ecology approved installation of these vessels. Based on the identified updates, Ecology's concurrence for installation for vessels TLP-VSL-00009A, TLP-VSL-00009B, and TCP-VSL-00001 is requested by February 22, 2005.

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A summary description of the permit packages is included in Attachment 1. Attachment 2 provides the permit design packages PTF-013, Revision 1, "Update to TLP Tank System Vessels TLP-VSL-00009A and TLP-VSL-00009B," and PTF-017, Revision 1, "Update to TCP Tank System Vessel TCP-VSL-00001." These packages consist of revised mechanical systems data sheets, material selection data sheets, mechanical assembly drawings, and integrity assessment reports issued by the independent, qualified registered professional engineer. Attachment 3 provides the Bechtel National, Inc. and U.S. Department of Energy, Office of River Protection certification statements. These permit packages clarify that erosion wear plates are not included in the current design for vessels TLP-VSL-00009A, TLP-VSL-00009B, and TCP-VSL-00001. Placement of these vessels will not preclude resolution of Ecology's concerns regarding tank erosion, which includes the addition of wear plates if they are required.

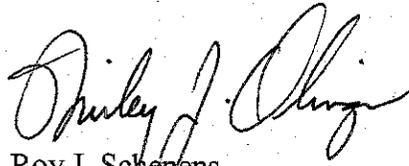
These DWP package submittals are certified coincident with issuance of the integrity assessment report contained in the package. Permit affecting design changes not included in, or occurring after issuance of, the final integrity assessment report will be processed in accordance with the requirements in the DWP. Installation of equipment and components will be done in accordance with permit packages approved and incorporated into the DWP by Ecology.

Due to the potential sensitivity of the attached engineering information, Ecology is requested to place the data for public review in the standard information repositories, but not provide electronic dissemination of the information.

These permit packages and the associated information were discussed in advance with your staff.

If you have any questions, please contact me, or your staff may contact Woody Russell, Environmental Division, (509) 373-5227.

Sincerely,


for Roy J. Schepens
Manager

ED:RWR

Attachments: (3)

cc: See page 3

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cc w/attachs:

B. G. Erlandson, BNI

J. P. Henschel, BNI

J. Cox, CTUIR

S. Harris, CTUIR

R. K. Biyani, Ecology

S. L. Dahl, Ecology

G. P. Davis, Ecology (w/o attachs)

E. A. Fredenburg, Ecology (23 copies)

G. Bohnee, NPT

K. Niles, Oregon Energy (w/o attachs)

J. B. Hebdon, RL (w/o attachs)

A. C. McKarns, RL

R. Jim, YN

Administrative Record

Environmental Portal, LMSI