



U.S. Department of Energy

0061319

Office of River Protection

P.O. Box 450
Richland, Washington 99352

04-ED-014

FEB 10 2004

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
1315 W. Fourth Avenue
Kennewick, Washington 99336

RECEIVED
FEB 18 2004
EDMC

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NOS. PRETREATMENT FACILITY (PTF)-014, REVISION 0, AND PTF-026, REVISION 0, FOR THE WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP)

Reference: 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.'"

This letter submits the following WTP permit design packages for the State of Washington Department of Ecology (Ecology) approval, in accordance with the reference:

- PTF-014, Revision 0, "Tank System for PT Facility HLW Lag Storage and Feed Blending Process (HLP) System;" and
- PTF-026, Revision 0, "Tank System Ancillary Equipment for PT Facility HLP System."

The attached WTP Pretreatment Facility permit packages provide the information necessary for Ecology to confirm that the structures, equipment, and processes described in the permit packages will comply with the reference. This information will allow Ecology to permit the installation of the four High-Level Waste lag storage and feed blending process system vessels and their associated ancillary equipment.

Summary descriptions of the permit design packages are included in Attachment 1. Attachment 2 provides the permit design packages listed above, and Attachment 3 provides the Bechtel National, Inc. and U.S. Department of Energy, Office of River Protection, certification statements.

Please note that the final design of the pulse jet mixers in the High-Level Waste Lag Storage Vessels (Vessel Nos. HLP-VSL-000027A/B) is currently on hold pending completion of optimization testing. When the design details are finalized, the appropriate engineering information will be updated.

Mr. Michael A. Wilson
04-ED-014


-2-

FEB 10 2004

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.

If you have any questions, please contact me, or your staff may contact Lori A. Huffman, Environmental Division, (509) 376-0104.

Sincerely,



Roy J. Schepens
Manager

ED:LAH

Attachments: (3)

cc w/attachs:

B. G. Erlandson, BNI
J. P. Henschel, BNI
J. Markillie, BNI (w/o attachs)
J. Cox, CTUIR
S. Harris, CTUIR
R. K. Biyani, Ecology
S. L. Dahl, Ecology
S. J. Skurla, Ecology (22)
S. A. Thompson, FHI
P. Sobotta, NPT
J. B. Hebdon, RL (w/o attachs)
A. C. McKarns, RL
R. Jim, YN
Administrative Record
Environmental Portal, LMSI