



U.S. Department of Energy

Office of River Protection

0061501

P.O. Box 450
Richland, Washington 99352

04-ED-023

MAR 12 2004

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

RECEIVED
MAR 23 2004
EDMC

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NOS. PTF-020 AND PTF-035, 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-020, Revision 0, "Tank System for PT Facility PWD System;" and
- PTF-035, Revision 0, "Tank System Ancillary Equipment for PT Facility PWD System."

The attached WTP Pretreatment Facility (PTF) 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 above-grade Plant Wash and Disposal (PWD) process system vessels and their associated ancillary equipment within the PTF. The packages also provide updated information for three below-grade vessels previously approved by Ecology.

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 certification statements.

Dangerous Waste Permit (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 DWP requirements for permit modification prior to construction or installation of affected equipment and components. Installation of equipment and components will be done in accordance with permit packages approved and incorporated into the DWP by Ecology.

Mr. Michael A. Wilson
04-ED-023

-2-

MAR 12 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. 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