



U.S. Department of Energy

0061349

**Office of River Protection**

P.O. Box 450  
Richland, Washington 99352

FEB 12 2004

04-ED-015

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

**RECEIVED**  
FEB 19 2004

**EDMC**

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NOS. LOW-ACTIVITY WASTE (LAW)-006 AND LAW-017, 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:

- LAW-006, Revision 0, "Tank System for LAW Facility LOP System at El. +3 ft.;" and
- LAW-017, Revision 0, "Miscellaneous Treatment Unit Subsystems for LAW Facility LOP System at El. +3 ft."

The attached WTP permit design packages and specification 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 tanks and miscellaneous treatment unit subsystems (wet electrostatic precipitators and submerged bed scrubbers) for the LAW Vitrification Facility at elevation +3 ft.

Summary descriptions of the permit 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.

Mr. Michael A. Wilson  
04-ED-015

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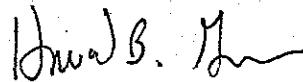
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Dangerous Waste Permit (DWP) package submittals are certified coincident with issuance of the integrity assessment report contained in the package. Permit affecting design changes not included in, or occurring after issuance of, the final integrity 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.

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,



for 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  
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A. C. McKarns, RL  
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