



U.S. Department of Energy

0061324

~~Office of River Protection~~

P.O. Box 450
Richland, Washington 99352

04-ED-013

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 PACKAGES NOS. LOW-ACTIVITY WASTE
(LAW)-010 AND LAW-011 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 and specification for the State of
Washington Department of Ecology (Ecology) approval, in accordance with the reference:

- LAW-010, "Tank System for LAW Facility LCP System at El. +3 ft.;"
- LAW-011, Tank System for LAW Facility LFP System at El. +3 ft.;" and
- 24590-WTP-3PS-AFPS-TP006, Revision 0, "Engineering Specification for Field Applied
Special Protective Coatings for Secondary Containment Areas."

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 the tanks in the LAW Vitrification Facility at elevation +3 ft., and the installation
of special protective coatings for secondary containment. Special protective coatings will not be
applied to secondary containment areas until after this document is incorporated into the permit.

Summary descriptions of the permit design packages are included in Attachment 1.
Attachment 2 provides the permit design packages listed above, Attachment 3 provides the
specification listed above, and Attachment 4 provides the Bechtel National, Inc. and
U.S. Department of Energy, Office of River Protection, certification statements.

Mr. Michael A. Wilson
04-ED-013

-2-

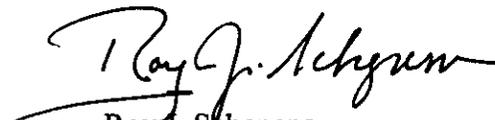
FEB 9 2004

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,


Roy J. Schepens
Manager

ED:LAH

Attachments: (4)

cc w/attachs:

B. G. Erlandson, BNI
J. P. Henschel, BNI
J. Markillie, BNI (w/o attachs)
J. Cox, CTUIR
S. Harris, CTUIR
T. Gao, 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