



U.S. Department of Energy  
**Office of River Protection**

0062840

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

SEP 24 2004

04-ED-080

**RECEIVED**  
OCT 05 2004  
**EDMC**

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

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NO. HLW-027, REVISION 0, FOR THE  
WASTE TREATMENT AND IMMOBILIZATION PLANT

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 transmits Permit Design Package High-Level Waste (HLW)-027, Revision 0,  
"Miscellaneous Treatment Unit Subsystem Equipment for HLW Facility EL. 0 ft. to 58 ft.," and  
the document Secondary Containment Design (24590-WTP-PER-CSA-02-001), Revision 6, for  
the State of Washington Department of Ecology (Ecology) review and approval.

The attached HLW Vitrification Facility permit package provides the information necessary for  
Ecology to confirm that the structures, equipment, and processes described in the permit package  
will comply with the Reference. This information will allow Ecology to permit the installation  
of the Melter Offgas Treatment Process System subsystem equipment located on the 0 ft. to 58  
ft. elevations of the HLW Facility.

A summary description of the permit package is included in Attachment 1. Attachment 2  
provides the permit design package, Attachment 3 provides the revised secondary containment  
design document, and Attachment 4 provides the Bechtel National, Inc. and U.S. Department of  
Energy, Office of River Protection 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.

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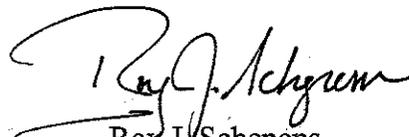
Mr. Michael A. Wilson  
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Due to the potential sensitivity of the attached engineering information, Ecology is requested to place the data for public review in the standard information repositories, but not provide electronic dissemination of the information.

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. Cox, CTUIR

S. Harris, CTUIR

S. L. Dahl, Ecology

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

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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