



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

0500478

February 23, 2005

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.D. Box 450, MSIN: H6-60
Richland, Washington 99354-1670

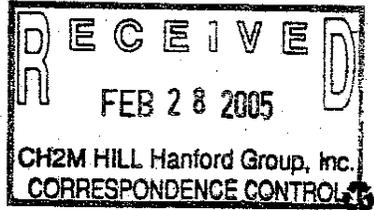
Mr. Edward S. Aromi
CH2M Hill Hanford Group, Inc.
P.D. Box 1500, MSIN: H6-08
Richland, Washington 99354-1670

Dear Messrs. Schepens and Aromi

Re: Letter from R. Schepens, Office of River Protection, to M. Wilson, Ecology, "Final Dangerous and Mixed Waste Research and Development and Demonstration Permit for Demonstration Bulk Vitrification Facility Required Submittal – Review of Foundations System, 05-TED-009", dated February 7, 2005

The State of Washington, Department of Ecology (Ecology), has completed our review of the Demonstration Bulk Vitrification System engineering design and supporting information for foundations and concrete pads, and the accompanying Independent Qualified Registered Professional Engineer certified report, submitted by the United States Department of Energy, Office of River Protection (ORP) in accordance with its' Dangerous Waste Research, Development, and Demonstration Facility Permit for the Demonstration Bulk Vitrification System Permit WA 7890008967. Based on the information submitted, Ecology approves construction of the foundations and concrete pads, subject to the implementation of Enclosure 1 to this letter, Record of Comment Resolution for the following:

1. Tri-Mer Scrubber Foundation, Permit condition IV.A.8.b.v and V.I.2
2. Waste Dryer Support Structure Foundation, Permit condition V.I.2
3. Liquid Waste Pump Skid Foundation, Permit condition IV.A.8.c
4. Secondary Waste Pump Skid Foundation, Permit condition IV.A.8.c
5. Melt Area Support Structure Foundation, Permit condition V.I.2
6. Melt Area Access Slabs (north and south), Permit condition V.I.2



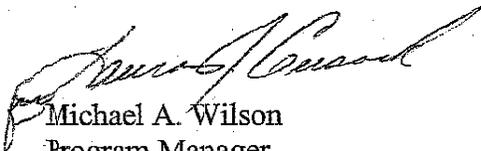
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The Tri-Mer Scrubber foundation pad (11) is approved subject to Ecology approval of the Permittees' leak detection methodology and methodology for removal of spill or rainwater as part of the Off-Gas System submittal. See Review Comment Record number 2. This approval does not address installation/construction of the Demonstration Bulk Vitrification System equipment.

A copy of the pages to be inserted into the Dangerous Waste Research, Development, and Demonstration Facility Permit for the Demonstration Bulk Vitrification System Permit WA 7890008967, including a revised List of Attachments to the Permit, and instructions for posting these pages to the permit, are included as Enclosure 2 to this letter. These enclosed pages hereby become official parts of the Dangerous Waste Research, Development, and Demonstration Facility Permit for the Demonstration Bulk Vitrification System Permit WA 7890008967, and are to be inserted into the Permit.

If you have any questions regarding this action, please call Kathy Conaway at (509)372-7890 or Suzanne Dahl at (509)372-7892.

Sincerely,



Michael A. Wilson
Program Manager
Nuclear Waste Program

CM:nc

Enclosures

- cc: Catherine Massimino, EPA
- Billie Mauss, USDOE
- Gil Ramin, USDOE
- Jim Rasmussen, USDOE
- Joel Eacker, CH2M
- John Guberski, CH2M
- Dennis Hamilton, CH2M
- Moses Jaraysi, CH2M
- Chris Kemp, CH2M
- Felix Miera, CH2M
- Rick Raymond, CH2M
- Dave Shuford, CH2M
- Ro Vinson, PAC
- Stuart Harris, CTUIR
- Gabriel Bohnee, NPT
- Russell Jim, YN
- Todd Martin, HAB
- Ken Niles, ODOE
- Administrative Record
- Environmental Portal