



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

July 14, 2010

Mr. David A. Brockman, Manager  
United States Department of Energy  
Richland Operations Office  
P. O. Box 550, MSIN: A7-50  
Richland, Washington 99352

Re: Application for Deferral for Final Closure of Solid Waste Landfill, Letter 10-AMCP-0166,  
from D. Brockman to J. Hedges, dated June 8, 2010 (Reissue) 20891046

Dear Mr. Brockman:

The Department of Ecology (Ecology) approves the United States Department of Energy's (USDOE) "Application for Deferral of Solid Waste Permit." This waives the requirement that a solid waste permit be issued under Washington Administrative Code (WAC) 173-350 for the Solid Waste Landfill (SWL) by deferring to a permit to be issued under Chapter 173-303 WAC. This will provide an equivalent or superior level of environmental protection.

Ecology is pleased with the well-prepared spreadsheet submitted with the application. We are satisfied that this deferral will allow USDOE to close the contiguous Nonradioactive Regulated Dangerous Waste Landfill (NRDWL) and SWL under the same closure/postclosure requirements and groundwater monitoring plan.

Ecology believes successful closure of the NRDWL and SWL using an engineered evapotranspiration (ET) cover will provide an opportunity to show the effectiveness of using ET covers at Hanford. To facilitate the demonstration, we will allow the project to go forward with conceptual engineering design. However, Ecology will require USDOE to complete the engineering design of the ET cover while the conceptual model-based closure/postclosure and groundwater monitoring plans are being prepared for public comment.

Sincerely,

*Lois Dahmen*  
for

Jane A. Hedges  
Program Manager  
Nuclear Waste Program

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cc: See page 2

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cc: Dave Bartus, EPA  
Dennis Faulk, EPA  
Kevin Leary, USDOE  
Dale Black, CHPRC  
Marty Doornbos, CHPRC  
Moses Jaraysi, CHPRC  
James Butner, CH2  
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