



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

May 13, 1997

Mr. John Wagoner  
U.S. Department of Energy  
P.O. Box 550, MSIN: A7-50  
Richland, WA 99352

Mr. Mike Little  
Bechtel Hanford Inc.  
3350 George Washington Way, MSIN: H0-09  
Richland, WA 99352

Dear Messrs. Wagoner and Little:

Re: Acceptance of "Closure Certification for the 183-H Solar Evaporation Basins (T-1-4)," 96-EAP-246

The Washington State Department of Ecology (Ecology) accepts the above referenced modified closure certification for the 183-H Solar Evaporation Basins.

Clean closure of the unit was not achieved due to levels of fluoride and nitrate, remaining in the soil below the excavated 15 foot depth, that are above the Method B cleanup levels of the Model Toxics Control Act, Washington Administrative Code (WAC) 173-340. Therefore, the unit was closed under the partial closure option with specified remedial measures provided under postclosure care.

Remedial measures include the placing of a vapor barrier at the bottom of the excavation and replacing the excavated soils with clean, compacted backfill. In addition, postclosure groundwater monitoring will continue at the unit under WAC 173-303-645 final status permit, compliance monitoring program. Corrective actions for the contaminated groundwater attributable to 183-H will be coordinated with remedial actions for the 100 HR-3 operable unit pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act.

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Institutional controls for this unit will be addressed at a later date.

If you have any questions or concerns, please contact me at (509) 736-3049.

Sincerely,



Wayne W. Soper, P.G.  
100 H Area Project Manager  
Nuclear Waste Program

WWS:sdb

cc: Jeff Bruggeman, USDOE  
Marvin Furman, USDOE  
James Rasmussen, USDOE