



September 6, 1996

John Wagoner, Manager  
Department of Energy, Richland Operations  
PO Box 550 (A7-50)  
Richland, WA 99352

Chuck Clarke, Regional Administrator  
U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue  
Seattle, WA 98101

Mary Riveland, Director  
Washington Department of Ecology  
PO Box 47600  
Olympia, WA 98504-7600

RE: Utilizing Effluent Treatment Facility (ETF) to treat pumped water from 200 UP-1  
(HAB Advice #52)

Dear Messrs. Clarke and Wagoner, and Ms. Riveland:

### **Background**

The Hanford Advisory Board has previously advised the Tri-Party Agencies on Guidelines for Interim Use of Pump and Treat, Consensus Advice #3, July 8, 1994, and recommended continued funding for 200 UP-1 Groundwater Treatability Testing in Consensus Advice #17, Part IV.A. as revised, May 4, 1995. DOE is now considering treating pumped water from the 200 UP-1 Operable Unit in the Effluent Treatment Facility (ETF). Currently water at 200 UP-1 is treated onsite and re-injected. Use of ETF is cost effective. Additionally, the ETF removes contaminants that UP-1 equipment is unable to treat, such as nitrates and other contaminants that would otherwise be returned to the groundwater.

The ER Committee recommends the use of the ETF so long as the Department of Ecology, EPA and DOE can work out regulatory requirements regarding the transfer

pipes. The Committee brought this recommendation to the HAB at its May meeting, but due to time constraints, it was postponed. This proposal is now out for public comment and time is of the essence.

### **Advice**

The Hanford Advisory Board recommends the use of the 200 Area Effluent Treatment Facility (ETF) to treat pumped water from the 200 Area UP-1 Operable Unit so long as the Washington Department of Ecology, US EPA and USDOE can work out the regulatory requirements involved. This proposal is cost

effective and would remove additional contaminants such as nitrates and other contaminants that the UP-1 equipment is unable to treat.

The Board looks forward to your written response, as called for in our charter.

Very truly yours,

Merilyn B. Reeves, Chair  
Hanford Advisory Board

cc: Cindy Kelly, Designated Federal Official  
Linda Lingle, Site Representative  
The Oregon and Washington Congressional Delegations

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*For questions or comments, please send [email](mailto:Hanford_Advisory_Board@rl.gov) to Hanford\_Advisory\_Board@rl.gov*

*HAB Consensus Advice #52*

*Subject: Utilizing Effluent Treatment Facility (ETF) to treat pumped water from 200 UP-1*

*Adopted: September 5-6, 1996*