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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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November 2, 1995

Ms. Arlene Tortoso
U.S. Department of Energy
P.O. Box 550, MSIN: A5-15
Richland, WA 99352

Dear Ms. Tortoso:

The Washington State Department of Ecology (Ecology), Nuclear Waste Program, has completed its review of the draft document "Description of Work and Sampling and Analysis Plan for Pore Water Sampling at Groundwater-River Interface Adjacent to 100-D, -K, and -H Reactor Areas, Draft A." Enclosed are Ecology's comments.

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

Sincerely,

Wayne W. Soper, P.G.
Hydrogeologist
Nuclear Waste Program



WS:mf

- cc: Larry Gadbois, EPA
- Richard Biggerstaff, BHI
- Stephen Hope, BHI
- William Avolio, BHI
- Administrative Record (100-HR-3 & 100-KR-4 Operable Units)



Washington State Department of Ecology Comments
Description of Work and Sampling and Analysis Plan for Pore Water Sampling at Groundwater-
River Interface Adjacent to 100-D, -K, and -H Reactor Areas, Draft A

General Comments:

1. I would like to see both filtered and unfiltered samples taken for comparison. Documentation exists that states filtering samples may skew data.
2. There is no mention of the river bank probes and sampling in conjunction with the river substrate samples. This is a big concern, as we were relying on the river bank samples for correlation.

Specific Comments:

3. Page 1, Section 2.0. Will salmon eggs be collected and analyzed?
4. Page 5, Section 3.0. What is the purpose of sampling the surface water column and the shoreline water column?
5. Page 5, Control Samples. Is this necessary? We already have control samples.
6. Page 7, Section 4.1. Please provide more explanation on the second to last paragraph in this section. How often will the preferred volta-metric analysis method be used?
7. Page 7, Section 4.4. See comment 3.
8. Page 8, Table 1. Spell out Chromium and Hexavalent Chromium. Delete Chrome.

