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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

May 11, 1995

Mr. James E. Rasmussen
Acting Program Manager
Office of Environmental Assurance,
Permits, and Policy
U.S. Department of Energy
Richland Operations Office
P.O. Box 550, MSIN: A5-15
Richland, WA 99352-0550

Dear Mr. Rasmussen:

Re: State Waste Discharge Permit Number ST 4507 for the 100-N Sewage Lagoon

The *100-N Sewage Lagoon State Waste Discharge Permit Application* (DOE-RL-94-22, Revision 0) has been received and reviewed for completeness. The permit application is sufficiently complete for the Washington State Department of Ecology (Ecology) to begin preparing a draft permit. The public notice will be made in May 1995 (exact dates are not known at this time) in various Sunday newspapers.

Before the draft permit can be completed and a final permit issued, additional information is needed. Please provide me with the information as soon as possible, to prevent any delay in the permitting process. Please provide the following data:

- A description of the method used for determining the effluent inflow rate to the aeration pond and the outflow rate from the stabilization pond into the infiltration pond.
- A description of the method used to ensure the liners in the aeration pond and the stabilization pond are not leaking.
- A copy of the engineering report on the design of the sewage lagoon system for Ecology inspection. The engineering report is kept at the facility, according to the information provided on page two of the permit application.



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- A summary of groundwater monitoring data from groundwater wells 199-N-52, 199-N-28, 199-N-74, 199-N-71, and 699-81-58. The data should include all inorganic and organic constituents found in the wells and the analytical methods used for the analysis.

As the permitting process continues, I will notify you of any additional data needs. If you have any questions regarding this letter, please call me at (509) 736-3011.

Sincerely,



Steven J. Skurla
Nuclear Waste Program

SS:skr

cc: Liz Bowers, USDOE
Randy Krekel, USDOE
Greg Sinton, USDOE
Doug Sherwood, EPA
Jeff Luke, WHC
Janice Williams, WHC
Administrative Records: Liquid Effluents Consent Order ✓