



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

May 27, 1997

Mr. James E. Rasmussen
U.S. Department of Energy
P.O. Box 550, MSIN: A5-15
Richland, WA 99352



Dear Mr. Rasmussen:

Re: Modification of State Waste Discharge Permit Number ST 4500

47286

The Washington State Department of Ecology (Ecology) has reviewed the Environmental Restoration Disposal Facility (ERDF) Leachate characterization study that was submitted by the U.S. Department of Energy (USDOE) on May 5, 1997. This ERDF leachate study was intended to fulfill the requirements in Special Condition S3 of State Waste Discharge Permit ST 4500 (permit) and demonstrate that leachate generated during the operation of ERDF is appropriate to be added to the permit as an approved stream, treated at the 200 Area Effluent Treatment Facility (ETF), and then discharged to the State Approved Land Disposal Site (SALDS).

Ecology is satisfied, based on the information provided, that the ERDF leachate stream can be successfully treated by ETF to meet all permit limits and that ETF treatment would constitute Best Available Technology/All Known, Available, and Reasonable Treatment (BAT/AKART). Therefore, Ecology approves the treatment and discharge of this ERDF leachate stream by ETF under all the terms and conditions of the permit.

The addition of the ERDF leachate stream does not require any modification to the wording in the permit. This letter serves as Ecology's authorization to cover this new discharge under the permit. All limitations, conditions, and requirements identified in the permit must be met by the new effluent. USDOE may commence treatment and discharge of the ERDF leachate stream by ETF upon receipt of this letter.

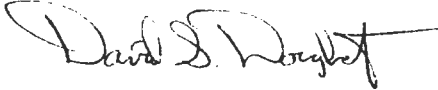
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If you or your staff have any further questions or concerns, please contact me at (509) 736-3047.

Sincerely,

A handwritten signature in black ink, appearing to read "David S. Dougherty". The signature is fluid and cursive, with a long horizontal stroke at the end.

David S. Dougherty, P.E.
200 Area ETF Discharge Permit Manager
Nuclear Waste Program

DD:sb

cc: Doug Sherwood, EPA
Alex Teimouri, USDOE
Roger Quintero, USDOE
J. R. Wilkinson, CTUIR
Donna Powauke, NPT
Russell Jim, YIN
Mary Lou Blazek, ODOE
Administrative Record: Liquid Effluents Consent Order