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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

February 13, 2003

Mr. Don L. Flyckt
Liquid Processing and Capsule Storage
Fluor Hanford
P.O. Box 1000
Richland, Washington 99352

RECEIVED
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EDMC

Dear Mr. Flyckt:

**Re: ECOLOGY APPROVAL OF THE 117-DR FILTER BUILDING WATER
CHARACTERIZATION EVALUATION UNDER STATE WASTE
DISCHARGE PERMIT ST4500**

Reference: FH-0300370, Letter, from D.L. Flyckt, Fluor Hanford, to K. Conaway,
Ecology dated January 28, 2003.

The Washington State Department of Ecology (Ecology) has reviewed the subject evaluation for treatment in the Effluent Treatment Facility (ETF) and the discharge to the State-Approved Land Disposal Site (SALDS). The expectation is that Bechtel Hanford (BHI) will ship approximately 10,000 gallons of wastewater from 117-DR Filter Building to the Liquid Effluent Retention Facility (LERF) for storage, prior to treatment at the ETF. The information provided meets the requirement of Permit Condition S9, Influent Criteria. Ecology has determined that the proposed new influent, 117-DR Filter Building wastewater and the new constituent, Lithium (described in the characterization and engineering evaluation along with the influent description), can be accepted into the ETF for treatment and discharge. In addition, Ecology agrees that all known, available, and reasonable methods of treatment (AKART) were evaluated, and the ETF is considered as the best available technology (BAT)/AKART for treatment of the 117-DR Filter Building wastewater. **Ecology grants approval and the Liquid Processing and Capsule Storage (LPCS) can begin treating the subject wastewater.**

ST4500 Permit Condition S9, (3.) requires that new influent streams be reported to Ecology each calendar quarter, at the same time as the Discharge Monitoring report (DMR) for that calendar quarter is submitted.

Mr. Don L. Flyckt
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If you have any questions, please contact me at (509) 736-3045.

Sincerely,



Kathy Conaway
Environmental Specialist
Nuclear Waste Program

KC:nc

cc: Nick Ceto, EPA
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