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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
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May 25, 2006

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EDMC

Mr. Roy J. Schepens
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

Re: Hanford Federal Facility Agreement and Consent Order Milestone M-45-02M,
"Update SST Retrieval Sequence Document"

Reference: *Single-Shell Tank Retrieval Selection and Sequence Document*, RPP-21216,
Revision 1-B, released March 13, 2006

Dear Mr. Schepens:

68959

The Department of Ecology reviewed RPP-21216 and determined that it does not meet the requirements of Hanford Federal Facility Agreement and Consent Order Milestone M-45-02M. This document does not provide the following required information:

1. Estimated retrieval schedules, with dates for retrieval start-up.
2. Double-shell tank (DST) space needed to complete milestone requirements, including waste management area (WMA) closures.
3. DST space needed to complete retrieval milestone (M-45-05) requirements and WMA closure milestone (M-45-06) requirements.
4. Identification of the results for resource optimization.

The purpose of the document is to provide Ecology with enough information and evaluation to demonstrate that Milestone M-45-00, "Complete Closure of All Single Shell Tank Farms," can be met by the due date of 09/30/2024. The document should also provide information to help determine if additional compliant storage is needed to meet the due date, and when it would be needed. With the identified deficiencies, Revision 1-B of RPP-21216 does not provide the necessary information or evaluation.



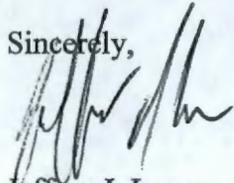
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A previous version of this document included results of the Hanford Tank Waste Operations Simulator (HTWOS) model for three different sets of assumptions. These assumptions were identified as a "Reference Case," an "Ecology Case," and a "TPA Compliant Case." Ecology requires that the results of the HTWOS model run for each of these cases be provided to us by June 2, 2006. In the "Ecology Case" we would like to have all the WMA-C tanks, Tank 241-S-102, and Tank 241-S-112 retrieved as soon as technically and logistically possible, without restrictions due to cost. All technical and logistical limitations and their respective impacts to the schedule should be identified and clearly articulated.

Please consider Items 1 – 4 in this letter and the requirement for the three cases as the Notice of Deficiency for RPP-21216. We expect an updated document within 45 days of receipt of this letter, as required in Figure 9-1 of the HFFACO.

If you have any questions regarding this letter, please contact me at (509) 372-7914.

Sincerely,



Jeffery J. Lyon
Tank Waste Disposal Project Manager
Nuclear Waste Program

LAF:lkd

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