



Department of Energy

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JAN 31 1994

94-RTB-001

Mr. Douglas R. Sherwood  
Hanford Project Manager  
U. S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue  
Seattle, Washington 98101

Mr. David Jansen  
State of Washington  
Department of Ecology  
Post Office Box 47600  
Olympia, Washington 98504-7600

Dear Messrs. Sherwood and Jansen:

REQUEST FOR CONCURRENCE ON DOCUMENTATION NEEDED FOR MILESTONE M-06-00

The M-06-00 milestone, "Develop Single-Shell Tank Waste Retrieval Technology and Complete Scale Model Testing" (pending M-45-01 Milestone, "Develop Single-Shell Tank (SST) Retrieval Technology") is established to evaluate various waste retrieval technologies for retrieving each of the several types of single-shell tank wastes.

Westinghouse Hanford Company (WHC) under contract to the U.S. Department of Energy (DOE) has completed the tests and evaluations needed for Milestone M-06-00. Test reports documenting the results of these tests and evaluations are currently in preparation. DOE requests your concurrence on these test reports as evidence of completing Milestone M-06-00. Test report documents will be subject to your review and acceptance upon submittal.

Actions completed for Milestone M-06-00 includes the evaluation of promising technologies for each waste type and testing of retrieval technologies on simulated wastes performed at Hanford and other sites. Target retrieval rates and dilution ratios have been met in these testing efforts. The test reports to be submitted in 1994 to Ecology and EPA are as follows:

- 1) Test and evaluation reports on the 1991 and 1992 public demonstrations of SST retrieval technology.
- 2) Report on air conveyance and air/water jet tests for sludge removal.
- 3) Report on "confined sluicing" jet pump/water conveyance tests conducted by the University of Missouri Rolla.



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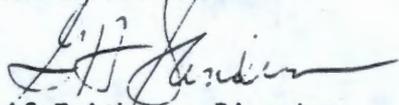
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- 4) Summary Report on the results of testing waste dislodging and hardware disassembly tools by private industry for DOE laboratories.

Please contact Wendell Wrzesinski on (509) 376-6751 if you have questions or comments on documentation requirements for Milestone M-06-00.



Leif Erickson, Director  
Tank Waste Disposal Division

RTB:WRW

- cc: G. A. Meyer, WHC
- W. C. Miller, WHC
- R. F. Stanley, Ecology
- B. A. Austin, WHC

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