



Department of Energy

Richland Field Office  
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9404219

MAY 27 1994

94-TRB-005

Mr. Douglas R. Sherwood  
Hanford Project Manager  
U.S. Environmental Protection Agency  
712 Swift Boulevard, Suite #5  
Richland, Washington 99352

Mr. Roger F. Stanley, Manager  
Tri-Party Implementation  
State of Washington  
Department of Ecology  
P. O. Box 47600  
Olympia, Washington 98504-7600



Dear Messrs. Sherwood and Stanley:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER  
INTERIM MILESTONE M-60-01A, "DEFINE AND ISSUE LOW LEVEL WASTE SIMULANT RECIPE  
(AND BASES) FOR INITIAL MELTER TESTING"

The U. S Department of Energy, Richland Operations Office, hereby provides notification of the completion of the subject Hanford Federal Facility Agreement and Consent Order interim milestone. The completion of this milestone is acknowledged by the submittal of the enclosed document "Waste Simulant Development for Evaluation of the LLW Melter System Technology."

If you have any questions, please contact Mr. Leif Erickson at (509) 376-6406.

Sincerely,

P. W. Willison  
Acting Hanford Project Manager

- cc w/encl:
- J. Grantham, Ecology
- D. Nylander, Ecology
- D. Faulk, EPA
- ~~L. Arnold, WHC~~
- R. Murkowski, WHC
- B. Cordts, Ecology
- J. Hennessy, EM-361



WESTINGHOUSE HANFORD COMPANY  
TANK WASTE REMEDIATION SYSTEM DIVISION  
WASTE TANK DISPOSAL  
FY94

MILESTONE DESCRIPTION SHEET

TITLE: Define & Issue LLW Simulant recipe for initial melter test      DATE: 11/1/93  
 REVISION: 1

ASSIGNED TO: Low Level Waste Disposal      ADS NO: 1230

PROGRAM WBS DESIGNATOR: 1.1.2.4.7.01      COMPLETION DATE: 05/31/94

MILESTONE CONTROL NO: M-60-01A      FDS CODE: 1D4701  
 TDD-94-130

MILESTONE CLASS:      DELIVERABLE:      ADDRESSED TO:

[X] TPA      [ ] Report      [ ] DOE-HQ

[ ] DOE-HQ      [X] Letter      [X] DOE-RL

[ ] DOE-RL      [ ] Drawings      [ ] Other (Specify)

[ ] WHC Key      [ ] Other (Specify)

~~Milestone Complete~~

*K.P.R. A.K. Murkowski*

~~Signature~~

~~May 23, 1994~~

Description and what constitutes completion of this commitment:

Statement of Work:

The bases for developing simulants will be defined using flow sheets and best available tank characteristics data. The simulant recipes will be developed based on previous simulant preparation experience. Subsequently, laboratory testing will be employed to determine procedures for mixing the simulant components and for characterizing their properties. Procedures will be supplied for the preparation and shipping of simulants. The simulants so prepared will be tested prior to delivery for melter testing. The components for simulants will be mixed and simulated feed materials produced, under contract, by a single sub-contractor. Each of the selected sellers for the Melter Selection activities will receive sufficient materials from this single source.

Deliverables:

Simulant recipe for Phase One testing.

*J.W. Westsik, Jr.*      2/10/94  
 JW Westsik, Jr. PNL      Date:

*K.C. Burgard*      2/2/94  
 Cost Account Manager:      Date:  
 KC Burgard

*GF Williamson*      2-8-94  
 Activity Manager:      Date:  
 GF Williamson

*E. Weber*      2/9/94  
 ET Weber, WHC      Date:

*R.J. Murkowski*      2-9-94  
 Program Element Manager:      Date:  
 RJ Murkowski

DOE Monitor:      Date:

# CORRESPONDENCE DISTRIBUTION COVERSHEET

Author: P. W. Willison, RL  
Addressee: D. R. Sherwood, EPA  
R. F. Stanley, Ecology  
Correspondence No.: Incoming: 9404219  
Subject: COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER  
INTERIM MILESTONE M-60-01A, "DEFINE AND ISSUE LOW LEVEL WASTE SIMULANT  
RECIPE (AND BASES) FOR INITIAL MELTER TESTING"

## INTERNAL DISTRIBUTION

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		K. C. Burgard	R4-01	
		P. J. Mackey	B3-15	X
		M. A. McLaughlin	B2-35	
		R. D. Morrison	B2-35	X
		R. J. Murkowski	R4-01	
		M. W. Stevenson	B2-35	X
		E. C. Vogt	T5-50	
		G. F. Williamson	R4-01	
		R. F. Wood	R4-01	
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		R. D. Wojtasek, Assignee		

