

**START**

**ENGINEERING CHANGE NOTICE**

Page 1 of 1

ECN 196499

Rev.  
ECN

1. ECH Category (mark one) <input checked="" type="checkbox"/> Supplemental <input type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECH <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedeure <input type="checkbox"/> Cancel/void	3. Originator's Name, Organization, NSIN, and Telephone No. <b>R. L. SHAYER, HANFORD ANALYTICAL SERVICES MANAGEMENT, H4-23, 373-3295</b>		4. Date <b>06/25/93</b>	
	5. Project Title/No./Work Order No. <b>TANK B-202</b>	6. Bldg./Sys./Fac. No. <b>NA</b>	7. Impact Level <b>30</b>	
	8. Document Numbers Changed by this ECH (includes sheet no. and rev.) <b>WMC-SD-WM-DP-034, REV 0</b>		9. Related ECH No(s). <b>NA</b>	10. Related PO No. <b>NA</b>
11a. Modification Work <input type="checkbox"/> Yes (fill out Bks. 11b, 11c) <input checked="" type="checkbox"/> No (NA Bks. 11b, 11c, 11d)	11b. Work Package No. <b>NA</b>	11c. Modification Work Complete <b>NA</b> Cop. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECH only) <b>NA</b> Cop. Engineer Signature & Date	

12. Description of Change

The following addendums are being added to the existing base document and addendums. The addendums being added are as follows;

Addendum 3, "222-S LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25 - RAW DATA PACKAGE

Addendum 4, "PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25 - DATA PACKAGE

Addendum 5, "PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25 - VALIDATION SUMMARY"

13a. Justification (mark one)	Criteria Change <input type="checkbox"/>	Design Improvement <input type="checkbox"/>	Environmental <input checked="" type="checkbox"/>
As-found <input type="checkbox"/>	Facilitate Const. <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>	Design Error/Omission <input type="checkbox"/>

13. Justification Details

Project B-202 Cores 24 and 25 has been completed.

14. Distribution (include name, NSIN, and no. of copies)  
 Please see Distribution each Addendum

RELEASE STAMP

13  
 JUL 08 1993  
 4

**BEST AVAILABLE COPY**

**NO ATTACHMENTS RECEIVED**



Complete for all types of release

<b>Purpose</b> <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape		<input type="checkbox"/> Reference <input type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flyer <input type="checkbox"/> Software/Databases <input type="checkbox"/> Controlled Document <input type="checkbox"/> Other	ID Number (include revision, volume, etc.) <b>WMC-SD-WM-OP-034, REV 0-A</b> List attachments: <b>ECN196499</b> NA Date Release Required <b>06/25/93</b>
---	--	---	--

Title: **SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25** **Unclassified Category UC-** **Impact Level 3Q**

Form or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes" has disclosure been submitted by WMC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes (Disclosure held)	Information received from others in confidence, such as proprietary data, trade secrets, etc.? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes identify:
Copyright? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)	Trademark? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes identify:

Complete for Speech or Presentation

Title of Conference or Meeting <b>NA</b>	Group or Society Sponsoring <b>NA</b>
Date(s) of Conference or Meeting <b>NA</b>	City/State <b>NA</b>
Will proceedings be published? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Will material be handed out? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Title of Journal  
**NA**

CHECKLIST FOR SIGNATORIES

Review Required per WMC-CN-3-5	Yes	No	Reviewer - Signature Indicates Approval	Date
			Name (Printed)	Signature
Classification, Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Patent - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>PER LIC Marc 2-4-93</i>	
Legal - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>By GGC Marc 2-4-93</i>	
Applied Technology-Expert Controlled Information or Informational Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
WMC Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
RI Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Public Affairs Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>N/A</i>	<b>INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP</b> Stamp is required before release. Release is contingent upon resolution of mandatory comments.  <div style="text-align: center;"><i>U.D.</i></div> <div style="text-align: center;"><i>6/30/93</i></div>
Transmitted to DOE-HQ/Office of Scenic and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Author/Requestor (Printed/Signature) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>K. K. GIAMBERARDINI</b> <i>[Signature]</i> Date <i>6-24-93</i>	
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External	
Responsible Manager (Printed/Signature) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>K. K. GIAMBERARDINI</b> <i>[Signature]</i> Date <i>6-24-93</i>	Date Cancelled _____ Date Disapproved _____

ID Number

Lead Author <b>NA</b>	Phone <b>3-3076</b>	NSIN <b>T6-06</b>	Other Author(s) or Requestor <b>REQUESTOR: K.K. GIAMBERARDINI</b>		
Project or Program <b>WASTE MANAGEMENT</b>	Lead Org Code <b>12610</b>		Sponsor Agency (DOE, DOT, IBC, USGS, etc.) <b>DOE</b>		
Editor <b>NA</b>	Phone <b>NA</b>	NSIN <b>NA</b>	DOE/NO Program (DP, EN, EM, SE, etc.) <b>EM</b>		
Mandatory Comments (Only mandatory comments are to be documented. All other comments should be made on a copy of the information submitted for review and returned to the author.)	Reviewer Name & Signature	Date	Resolution	Reviewer Name & Signature	Date

Legends/Notices/Markings (required per MHC-DS-5-4 or guidance organization.) (Reviewer Initials)

	Affix			Affix	
	YES	NO		YES	NO
Applied Technology	[ ]	[ ]	Proprietary Information	[ ]	[ ]
Business-Sensitive Information	[ ]	[ ]	Programmatic Notes	[ ]	[ ]
Computer Software Notice	[ ]	[ ]	Regulatory Information	[ ]	[ ]
Copyright License Notice	[ ]	[ ]	Purpose and Use	[ ]	[ ]
Export Controlled Information	[ ]	[ ]	Topic Classification	[ ]	[ ]
Legal Disclaimer	[ ]	[ ]	Treatment Disclaimer	[ ]	[ ]
Limited Disclosure	[ ]	[ ]	Unclassified Controlled Nuclear Information/Official Use Only	[ ]	[ ]
Patent Status	[ ]	[ ]			

*N/A*

Responsible Manager (Printed/Signature)

Additional Information \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

<b>SUPPORTING DOCUMENT</b>		1. Total Pages <i>11, 163</i>	
2. Title <b>SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25</b>		3. Number <b>WHC-SD-WH-DP-034</b>	4. Rev No. <b>0-A</b>
5. Key Words <b>SINGLE SHELL TANK, WASTE CHARACTERIZATION, TANK B-202, CORES 24 AND 25, VALIDATION SUMMARY, DATA PACKAGE</b>		6. Author Name: <b>R. L. SHAVER</b> <i>RL Shaver 6-28-93</i> Signature Organization/Charge Code <b>12610/J120H</b>	
7. Abstract <i>V. Burkland 6/28/93</i>			
8. PURPOSE AND USE OF DOCUMENT - This document was prepared for use within the U.S. Department of Energy and its contractors. It is to be used only to perform, direct, or integrate work under U.S. Department of Energy contracts. This document is not approved for public release until reviewed.  PATENT STATUS - This document copy, since it is transmitted in advance of patent clearance, is made available in confidence solely for use in performance of work under contracts with the U.S. Department of Energy. This document is not to be published nor its contents otherwise disseminated or used for purposes other than specified above before patent approval for such release or use has been secured, upon request, from the Patent Counsel, U.S. Department of Energy Field Office, Richland, WA.  DISCLAIMER - This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.		9. RELEASE STAMP <div style="border: 1px solid black; padding: 5px; text-align: center;">OFFICIAL RELEASE BY WHC <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">13</span> DATE <i>JUL 08 1993</i> <i>STF 4</i></div>	
9. Impact Level <b>3Q</b>			

p1742v

**TRADEMARK DISCLAIMER**

Reference herein to any specific commercial product, process or service by trade name, trademark, manufacturer or otherwise, does not necessarily constitute or imply an endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors.

This report has been reproduced from the best available copy

Printed in the United States of America

DISCLAIMER (1 of 1)



**DISTRIBUTION SHEET**

<b>To DISTRIBUTION</b>	<b>From PROCESSING AND ANALYTICAL LABORATORIES</b>	<b>Page 1 of 1</b>		
		<b>Date 6/25/93</b>		
<b>Project Title/Work Order PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK B-202 CORES 24 AND 25 DATA PACKAGE, AND VALIDATION SUMMARY WHC-SD-WM-DP-034 REVOA ADDENDUM 3,4, AND 5</b>		<b>EDT No.</b>		
		<b>ECN NO. 196499</b>		
<b>Name</b>	<b>MSIN</b>	<b>Text With all Attach</b>	<b>Addendum 5 Only</b>	<b>EDT/ECN Only</b>

**ONSITE**

**Pacific Northwest Laboratory**

S. J. Harris	K7-22		X	
P. G. Heasler	K7-34		X	
T. W. Wood	K6-47		X	

**U.S. Department of Energy, RI**

J. M. Clark	R3-72		X	
J. Noble-Dial	R3-72		X	

**Westinghouse Hanford Company**

J. N. Appel	S4-58		X	
H. Babad	R2-78		X	
R. J. Cash	R2-32		X	
C. E. Golberg	H5-49		X	
J. M. Henderson	S4-55		X	
L. Jenson	T6-07		X	
G. D. Johnson	R2-78		X	
A. F. Noonan	R2-12	X		
E. C. Simpson	R2-12		X	
N. J. Sutey	R1-49		X	
D. A. Turner	R2-78		X	
J. A. Voogd	R4-03		X	
O. S. Wang	R3-32		X	
E. T. Weber	G6-08		X	
J. L. Wilkerson	T6-06			X
W. I. Winters	T6-50		X	
Central Files	L8-04	Z		
EDMC	H6-08	X		
TFIC (Tank Farm Information Center)	R1-20		X	

**OFFSITE**

**Washington State Department of Ecology**

Single-Shell Tank Unit Manager			X	
S. E. McKinney				
P.O. Box 47600				
Olympia, Washington 98504-7600				

**Environmental Protection Agency**

Single-Shell Tank Unit Manager			X	
D. R. Sherwood				
712 Swift Boulevard, Suite 5				
Richland, Washington 99352				



**WHC-SD-WM-DP-034**

HAS NOT BEEN SCANNED

SUPPORTING DOCUMENT HAS BEEN RETIRED TO RHA  
IN ONE OR MORE OF THE LISTED BOXES

121439 THRU 121441

125459, 125460