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ENGINEERING CHANGE NOTICE	1. ECN 600922
Page 1 of <u>2</u>	Proj. ECN

2. ECM Category (mark one) <input checked="" type="checkbox"/> Supplemental <input type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECM <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersede <input type="checkbox"/> Cancel/Void	3. Originator's Name, Organization, NSIN, and Telephone No. K. N. Pool/PAL/H4-23/372-2557	4. Date 11/09/93	
	5. Project Title/No./Work Order No. PNL C109, CORES 47, 48, & 49, VALIDATION SUMMARY-Supplement	6. Bldg./Sys./Fac. No. NA	7. Impact Level 3Q
	8. Document Numbers Changed by this ECM (includes sheet no. and rev.) WHC-SD-WM-DP-036, ADDENDUM 1 REV. 00A <i>11/12/93</i>	9. Related ECM No(s). 600906	10. Related PO No. NA

11a. Modification Mark <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. NA	11c. Modification Work Complete NA _____ Cap. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECM only) NA _____ Cap. Engineer Signature & Date
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12. Description of Change
 This document is a supplement to the previously issued Validation Summary and Data Report and is identified as WHC-SD-WM-DP-036, Addendum 2A, Rev. 0.

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"/>


13b. Justification Details
 These additional documents were added to the original document issued for distribution

14. Distribution (include name, NSIN, and no. of copies) See attached Distribution List	RELEASE STAMP OFFICIAL RELEASE BY WHC DATE NOV 18 1993 55 <i>Eta. 10</i>
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				List attachments.		ECN 600906			
				Date Release Required		09/27/93			
Title PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK C-109 CORES 47, 48 AND 49 - DATA PACKAGE				Unclassified Category UC-		Impact Level 30			
New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes (Disclose No(s)).				Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)					
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Date(s) of Conference or Meeting NA		City/State NA		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 WHC-CN-3-4				Yes No Reviewer - Signature Indicates Approval					
				Name (printed) Signature Date					
Classification/Uncontrolled Nuclear Information		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Per OGC 2-4-93 memo <i>[Signature]</i>		9-27-93			
Patent - General Counsel		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Per OGC 2-4-93 memo <i>[Signature]</i>		9-27-93			
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WHC Program/Project		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
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Information conforms to all applicable requirements.				The above information is certified to be correct.					
References Available to Intended Audience <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP					
Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Stamp is required before release. Release is contingent upon resolution of mandatory comments.					
Author/Requestor (Printed/Signature) <i>[Signature]</i> K. K. GIAMBERARDINI									
Date 9-28-93									
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External				Date Cancelled		Date Disapproved			
Responsible Manager (Printed/Signature) <i>[Signature]</i> K. K. GIAMBERARDINI									
Date 9-28-93									

Lead Author	Phone 3-3076	MSIN T6-06	Other Author(s) or Requestor REQUESTOR: K. K. Giamberardini		
Project or Program Waste Management	Lead Org Code 12610		Sponsor Agency (DOE, DOT, NRC, USGS, etc.) DOE		
Editor NA	Phone NA	MSIN NA	DOE/HQ Program (DP, EM, EN, NE, etc.) EM		
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

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Limited Disclosure	[]	[]	Unclassified Controlled Nuclear Information/Official Use Only	[]	[]
Patent Status	[]	[]			

Responsible Manager (Printed/Signature)

Additional Information

SUPPORTING DOCUMENT		1. Total Pages 3717
2. Title PNL VALIDATION SUMMARY FOR C109, CORES 47, 48 AND 49.	3. Number WHC-SD-WH-DP-036, ADDENDUM 2A	4. Rev No. 0B <i>11/14/93</i>
5. Key Words C109, PNL	6. Author Name: K. N. Pool <i>Karl N. Pool</i> 11/12/93 Signature	
APPROVED FOR PUBLIC RELEASE		Organization/Charge Code 12610/J120H
7. Abstract		
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9. Impact Level 3Q		

WHC-SD-WM-DP-036

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125469, 125470, 130069

ENGINEERING CHANGE NOTICE

1. ECN 600906

Proj. ECN

2. ECN Category (mark one) Supplemental <input type="checkbox"/> Direct Revision <input checked="" type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersede <input type="checkbox"/> Cancel bid <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. K. N. Pool, Hanford Analytical Services Management, H4-23, 372-2557		4. Date 09/27/93
	5. Project Title/No./Work Order No. SST C-109 CORES 47, 48 AND 49	6. Bldg./Sys./Fac. No. NA	7. Impact Level 3Q
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-WM-DP-036, REV 0	9. Related ECN No(s). NA	10. Related PO No. NA

11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. NA	11c. Modification Work Complete NA Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) NA Cog. Engineer Signature & Date
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12. Description of Change
Page changes for the following pages;

Remove page 7, insert page 7 (Rev 0-A)
Remove page 112, insert page 112 (Rev 0-A)
Remove page 113, insert page 113 (Rev 0-A)
Insert page 113.1 (Rev 0 didn't include this page)
Remove page 114, insert page 114 (Rev 0-A)
Remove page 115, insert page 115 (Rev 0-A)
Remove page 116, insert page 116 (Rev 0-A)
Remove page 117, insert page 117 (Rev 0-A)
Remove page 118, insert page 118 (Rev 0-A)

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"/>

13b. Justification Details
The analyses results have been corrected.

14. Distribution (include name, MSIN, and no. of copies) Please see attached distribution sheet.	RELEASE STAMP DATE SEP 29 1993 55 STA. 4
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SUPPORTING DOCUMENT		1. Total Pages ^{CONFIDENTIAL} 10 3614
2. Title PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK C-109 CORES 47, 48 AND 49 - DATA PACKAGE		3. Number WHC-SD-WM-DP-036
		4. Rev No. 0-A
5. Key Words SINGLE SHELL TANK, PNL LABORATORIES, TANK C-109, CORES 47 48 49, WASTE CHARACTERIZATION, ANALYSES, DATA PACKAGE, VALIDATION SUMMARY 9/28/93		6. Author Name: K. N. Pool <i>K. N. Pool</i> 9/28/93 Signature Organization/Charge Code 12610/J120H
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9. Impact Level 30		

RECORD OF REVISION

(1) Document Number

WHC-SD-WM-DP-036

Page 1

(2) Title

PNL 325 LABORATORIES SINGLE SHELL TANK WASTE CHARACTERIZATION, TANK C-109 CORES 47, 48, AND 49 - DATA PACKAGE

CHANGE CONTROL RECORD

(3) Revision	(4) Description of Change - Replace, Add, and Delete Pages	Authorized for Release	
		(5) Cog. Engr.	(6) Cog. Mgr. Date
0-A 53	(7) ECN 600906	K. N. POOL <i>Karl N. Pool</i> 9/28/93	K. N. POOL <i>Karl N. Pool</i> 9/28/93