

# ENGINEERING CHANGE NOTICE

1. ECN 186778

Proj.  
ECN

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input checked="" type="checkbox"/> Change ECN <input type="checkbox"/> Temporarily <input type="checkbox"/> Standby <input type="checkbox"/> Supersede <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. R. A. Bechtold, ERE, H6-01, 6-9017 W81300		4. Date 3/3/93
	5. Project Title/No./Work Order No. EA63P Data Validation Procedure for Radiological Analysis	6. Bldg./Sys./Fac. No. NA	7. Impact Level 3Q
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-SPP-001, Rev. 0	9. Related ECN No(s). NA	10. Related PO No. NA

11a. Modification Work <input checked="" 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

Effective March 4, 1993, all checklists in appendices and references in the text are superceded by WHC-CM-5-3, Section 2.5, *Technical Verification of Analytical Laboratory Data Packages*

This is a ~~page~~ <sup>supplement</sup> change to the document.



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

13b. Justification Details  
 NA

14. Distribution (include name, MSIN, and no. of copies)  
 See Attached

RELEASE STAMP

OFFICIAL RELEASE BY WHC

DATE MAR 17 1993

Sta. 21

# ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

186778

15. Design Verification Required  
 Yes  
 No

16. Cost Impact NA

ENGINEERING	CONSTRUCTION
Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$
Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$

17. Schedule Impact (days)  
NA

Improvement   
 Delay

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD	<input type="checkbox"/>	Seismic/Stress Analysis	<input type="checkbox"/>	Tank Calibration Manual	<input type="checkbox"/>
Functional Design Criteria	<input type="checkbox"/>	Stress/Design Report	<input type="checkbox"/>	Health Physics Procedure	<input type="checkbox"/>
Operating Specification	<input type="checkbox"/>	Interface Control Drawing	<input type="checkbox"/>	Spares Multiple Unit Listing	<input type="checkbox"/>
Criticality Specification	<input type="checkbox"/>	Calibration Procedure	<input type="checkbox"/>	Test Procedures/Specification	<input type="checkbox"/>
Conceptual Design Report	<input type="checkbox"/>	Installation Procedure	<input type="checkbox"/>	Component Index	<input type="checkbox"/>
Equipment Spec.	<input type="checkbox"/>	Maintenance Procedure	<input type="checkbox"/>	ASME Coded Item	<input type="checkbox"/>
Const. Spec.	<input type="checkbox"/>	Engineering Procedure	<input type="checkbox"/>	Human Factor Consideration	<input type="checkbox"/>
Procurement Spec.	<input type="checkbox"/>	Operating Instruction	<input type="checkbox"/>	Computer Software	<input type="checkbox"/>
Vendor Information	<input type="checkbox"/>	Operating Procedure	<input type="checkbox"/>	Electric Circuit Schedule	<input type="checkbox"/>
OM Manual	<input type="checkbox"/>	Operational Safety Requirement	<input type="checkbox"/>	ICRS Procedure	<input type="checkbox"/>
FSAR/SAR	<input type="checkbox"/>	IEFD Drawing	<input type="checkbox"/>	Process Control Manual/Plan	<input type="checkbox"/>
Safety Equipment List	<input type="checkbox"/>	Cell Arrangement Drawing	<input type="checkbox"/>	Process Flow Chart	<input type="checkbox"/>
Radiation Work Permit	<input type="checkbox"/>	Essential Material Specification	<input type="checkbox"/>	Purchase Requisition	<input type="checkbox"/>
Environmental Impact Statement	<input type="checkbox"/>	Fac. Proc. Samp. Schedule	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Report	<input type="checkbox"/>	Inspection Plan	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Permit	<input type="checkbox"/>	Inventory Adjustment Request	<input type="checkbox"/>		<input type="checkbox"/>

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number Revision
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WHC-SD-EN-SPP-001, Rev. 2

20. Approvals

	Signature	Date		Signature	Date
OPERATIONS AND ENGINEERING			ARCHITECT-ENGINEER		
Cog Engineer R. A. Bechtold	<i>RA Bechtold</i>	3/4/93	PE		
Cog. Mgr. M. R. Adams	<i>M Adams</i>	3/4/93	QA		
QA D. G. Farwick	<i>D Farwick</i>	3/5/93	Safety		
Safety			Design		
Security			Environ.		
Environ.			Other		
Projects/Programs					
Tank Waste Remediation System					
Facilities Operations			DEPARTMENT OF ENERGY		
Restoration & Remediation			Signature or Letter No.		
Operations & Support Services					
IRM			ADDITIONAL		
Other					

**ENGINEERING CHANGE NOTICE CONTINUATION SHEET**

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1. ECN

186778

Delete Section A.0, pages 20 and 21  
Delete Section B.0, pages 23 through 25  
Delete Section C.0, pages 29 and 30  
Delete Section D.0, pages 33 and 34  
Delete Section E.0, pages 40 and 41  
Delete Section F.0, pages 45 and 46  
Delete Section G.0, pages 50 and 51



Complete for all Types of Release

<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 checked="" type="checkbox"/> Reference <input checked="" type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input checked="" type="checkbox"/> Other <i>ECN 186778</i>	ID Number (include revision, volume, etc.) <del>WHC-SP-FN-SPP-001</del> Rev. 0 <i>ECN 186778</i> <hr/> List attachments. NA <hr/> Date Release Required <p style="text-align: center;">March 4, 1993</p>
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Title <b>Data Validation Procedure for Radiological Analyses</b>	Unclassified Category <b>UC- NA</b>	Impact Level <b>3Q</b>
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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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes Disclosure 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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Copyrights? <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)	Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
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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 WHC-CM-3-4	Yes	No	Reviewer - Signature Indicates Approval
			Name (printed)                      Signature                      Date
Classification/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Patent - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Legal - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
WHC Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
RL Program/Project	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Publication Services	<input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP</b> Stamp is required before release. Release is contingent upon resolution of mandatory comments.
Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Author/Requestor (Printed/Signature)                      Date <b>R. A. Bechtold</b> <i>RA Bechtold</i> <b>3/4/93</b>	
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External Responsible Manager (Printed/Signature)                      Date <b>M. R. Adams</b> <i>MR Adams</i> <b>3/4/93</b>	

Date Cancelled	Date Disapproved
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## DISTRIBUTION SHEET

To Distribution	From R. A. Bechtold	Page 1 of 2
		Date 3/9/93
Project Title/Work Order Data Validation Procedures for Radiological Analyses		EDT No.
		ECN No. 186778

Name	MSIN	Text With All Attach.	Text Only	Attach./Appendix Only	EDT/ECN Only
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OFFSITE

A.T. Kearney, Incorporated (2)  
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Redwood City, California 94065

P. Brown-DeRoucher  
S. Chari

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X

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Richland, Washington 99352

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Richland, Washington 99352

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7601 West Clearwater, Suite 202  
Kennewick, Washington 99336

B. Maus

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712 Swift Boulevard, Suite 5  
Richland, Washington 99352

D. Faulk

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4104-148th Avenue Northwest  
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1201 Jadwin, Suite 204  
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Richland, Washington 99352

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J. Reid X  
E. Haik X  
S. Peterson X  
K. Porter X

Westinghouse Hanford Company

M. R. Adams	H6-01	X
R. A. Bechtold (10)	H6-01	X
R. D. Belden	H6-03	X
R. A. Carlson	H6-03	X
Central Files (2)	L8-04	X
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M. H. Edrington	H6-06	X
T. L. Elzie	H6-01	X
D. G. Farwick	H4-16	X
K. R. Fecht	H6-06	X
P. J. Freeman	H6-06	X
G. C. Henckel	H6-04	X
R. P. Henckel	H6-02	X
J. D. Hoover	H6-23	X
L. C. Hulstrom	H6-03	X
G. S. Hunacek	X0-41	X
W. L. Johnson	H6-04	X
J. C. Langford	S1-52	X
M. J. Lauterbach	H6-01	X
L. F. Lockrem	S3-90	X
C. J. Lynch	H6-07	X
L. M. McDaniel (ERC)	H6-08	X
A. M. Prignano	H6-23	X
F. A. Ruck III	H6-23	X
W. A. Skelly	H6-03	X
L. K. Thompson	P7-75	X
S. E. Vukelich (2)	H6-02	X
D. H. Watson	G6-56	X





# Patch II