

ENGINEERING CHANGE NOTICE

Page 1 of 2

1. ECN 185863

Proj.
ECN

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedeure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>		3. Originator's Name, Organization, MSIN, and Telephone No. W. I. Winters, Analytical Operations		4. Date 05/05/93	
		5. Project Title/No./Work Order No. Grout Program	6. Bldg./Sys./Fac. No. 222-S Laboratory	7. Impact Level 4	
		8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-WM-TPP-008, 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		
12. Description of Change Section 4.4, Praragraph 1: Insert between sentence 1 and 2: The only exception is for ANSI-16.1 leach samples. The ANSI 16.1 leach procedure doesn't provide any specific QA requirements, therefore the ANSI-16.1 leach procedure will be performed in triplicate. Each leach sample will generate eleven sample points, and each sample point will require five analyses. The analyses themselves will not be performed in duplicate since the leach test will be performed in triplicate					
13a. Justification (mark one) Criteria Change <input checked="" type="checkbox"/> Design Improvement <input type="checkbox"/> Environmental <input 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 changes reflect a clearer definition of the ANSI-16.1 Leach procedure, and keeps the work scope of the supporting analyses within current capabilities of the 222-S laboratory.					
14. Distribution (include name, MSIN, and no. of copies) Distribution Sheet Attached				RELEASE STAMP OFFICIAL RELEASE BY WHC 13 DATE MAY 10 1993 STA 4	

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

185863

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	16. Cost Impact <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">ENGINEERING</td> <td style="width: 50%; text-align: center;">CONSTRUCTION</td> </tr> <tr> <td>Additional <input type="checkbox"/> \$</td> <td>Additional <input type="checkbox"/> \$</td> </tr> <tr> <td>Savings <input type="checkbox"/> \$</td> <td>Savings <input type="checkbox"/> \$</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	17. Schedule Impact (days) Improvement <input type="checkbox"/> [20] Delay <input type="checkbox"/> []
ENGINEERING	CONSTRUCTION							
Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$							
Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$							

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
NA		

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog Engineer M. J. Duchsherer	<i>John Kuyf</i> FOR 5/6/93	PE	_____
Cog. Mgr. J. G. Kristofzski	<i>John Kuyf</i> 5/6/93	QA	_____
QA	_____	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	_____		_____

Complete for all Types of Release

Purpose <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/Flier <input type="checkbox"/> Software/Database <input checked="" type="checkbox"/> Controlled Document <input type="checkbox"/> Other	ID Number (include revision, volume, etc.) ECN 185863 List attachments. Date Release Required <p style="text-align: center;">05/05/93</p>
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Title TECHNICAL PROJECT PLAN FOR THE 222-S LABORATORY IN SUPPORT OF THE GROUT TREATMENT FACILITY SAMPLING AND CHARACTERIZATION PLANS FOR TANKS 105-AP, 106-AP AND 102-AP.	Unclassified Category UC-	Impact Level 4
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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 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 NA	Group or Society Sponsoring NA
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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
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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 type="checkbox"/>	<input checked="" type="checkbox"/>	_____
Publication 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.

<table style="width: 100%;"> <tr> <td style="width: 50%;">References Available to Intended Audience</td> <td style="width: 10%; text-align: center;">Yes</td> <td style="width: 10%; text-align: center;">No</td> <td style="width: 30%;"></td> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Transmit to DOE-HQ/Office of Scientific and Technical Information</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>Author/Requestor (Printed/Signature)</td> <td></td> <td style="text-align: center;">Date</td> <td></td> </tr> <tr> <td>M. J. Duchsherer <i>[Signature]</i></td> <td></td> <td style="text-align: center;">5/7/93</td> <td></td> </tr> <tr> <td>Intended Audience</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Internal <input checked="" type="checkbox"/> Sponsor <input type="checkbox"/> External</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Responsible Manager (Printed/Signature)</td> <td></td> <td style="text-align: center;">Date</td> <td></td> </tr> <tr> <td>J. G. Kristofzski <i>[Signature]</i></td> <td></td> <td style="text-align: center;">5/7/93</td> <td></td> </tr> </table>	References Available to Intended Audience	Yes	No			<input checked="" type="checkbox"/>	<input type="checkbox"/>		Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Author/Requestor (Printed/Signature)		Date		M. J. Duchsherer <i>[Signature]</i>		5/7/93		Intended Audience				<input checked="" type="checkbox"/> Internal <input checked="" type="checkbox"/> Sponsor <input type="checkbox"/> External				Responsible Manager (Printed/Signature)		Date		J. G. Kristofzski <i>[Signature]</i>		5/7/93		<p style="text-align: center;">INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP</p> <p>Stamp is required before release. Release is contingent upon resolution of mandatory comments.</p> <hr/> <p>Date Cancelled _____ Date Disapproved _____</p>
References Available to Intended Audience	Yes	No																																			
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Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>																																			
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Responsible Manager (Printed/Signature)		Date																																			
J. G. Kristofzski <i>[Signature]</i>		5/7/93																																			

DISTRIBUTION SHEET

To	From	Page 1 of 1
Grout Technology	Program Support	Date 05/05/93
Project Title/Work Order		EDT No. NA
TECHNICAL PROJECT PLAN FOR THE 222-S LABORATORY IN SUPPORT OF THE GROUT TREATMENT FACILITY SAMPLING AND CHARACTERIZATION PLANS FOR TANKS 105-AP, 106-AP AND 102-AP.		ECN No. 185863

Name	MSIN	Text With All Attach.	Text Only	Attach./Appendix Only	EDT/ECN Only
S. D. Bolling	T6-30	X			
S. A. Catlow	T6-30	X			
A. K. Daskupta	T6-50	X			
M. J. Duchsherer (3)	T4-10	X			
R. K. Fuller	T6-30	X			
R. R. Grabbe	T6-50	X			
B. Griffin	T6-30	X			
A. P. Hammitt	T6-50	X			
D. W. Hendrickson	R4-03	X			
M. S. Hendrix	H4-23	X			
J. R. Jewett	T6-09	X			
D. R. Jordan	T6-07	X			
E. J. Kosiancic	T6-16	X			
J. G. Kristofzski	T6-20	X			
J. S. Lachut	T6-30	X			
R. P. Marshall	T6-14	X			
R. J. Murkowski	R4-01	X			
D. M. Nguyen	R4-03	X			
J. R. Prilucik	T6-24	X			
M. A. Richman	S1-57	X			
E. F. Riedel	T6-50	X			
R. E. Skoda	T6-31	X			
J. P. Slougher	T6-07	X			
L. H. Taylor	T6-16	X			
J. H. Tillman	H4-23	X			
J. A. Voogd	R4-03	X			
L. R. Webb	T6-06	X			
B. R. Wels	T6-30	X			
T. L. Welsh	T6-70	X			
W. I. Winters	T6-50	X			
Central Files (Original + 3)	L8-04	X			
ECM	L8-14	X			
EDMC	H6-08	X			
TFIC	R1-28	X			